جامعة أبوظبي
Abu Dhabi University

POSTGRADUATE

CATALOG

2025 - 2026

Disclaimer

The statements set forth in this catalog are for informational purposes only and should not be construed as the basis of a contract between the student and Abu Dhabi University. While the University expects to operate in keeping with the provisions set out in this catalog, it reserves the right to change any provision listed at any point in time during the year, to best serve the academic interest of the students. Such change may include, but is not limited to, academic requirements for graduation. Every effort will be made to keep students informed of any such changes. Information on changes will be circularized and kept available in the Office of the Registrar and/or each Dean's Office. It is important that each student be aware of his or her individual responsibility to keep apprised of current policies and requirements.

NATIONAL ACCREDITATION:

Abu Dhabi University is licensed by the United Arab Emirates Ministry of Education, and all of its degree programs have received accreditation by the Ministry of Education, Department of Education and Knowledge (ADEK), and Knowledge and Human Development Authority (KHDA)

INTERNATIONAL ACCREDITATION:

ADU is the only national private University in the UAE and was one of the youngest in the world under 15 years old to receive international academic accreditation from the "Western Association of Schools and Colleges: Senior College and University Commission - WSCUC". ADU's international accreditation is for a period of 6 years and was awarded for the University's success in upholding the highest international academic standards of higher education institutions worldwide in teaching, scientific research and community service and for its commitment to three core values: student learning and success outcomes, quality and improvement, and institutional integrity, sustainability and accountability.

ADU's College of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB) and the prestigious EFMD Quality Improvement System (EQUIS) for all its undergraduate and postgraduate programs. Only 2 % of business schools worldwide have this double accreditation. Additionally, the College of Engineering has also earned the accreditation of the world-renowned Engineering Accreditation Commission (EAC) and Computing Accreditation Commission (CAC) of ABET for six of its engineering programs. ADU houses the only architecture program to hold accreditation by the Royal Institute of British Architects (RIBA). The College of Health Sciences has earned accreditation from the Agency for Public Health Education Accreditation (APHEA). Our Aviation Department in particular has also received the accreditation as an Authorized Training Center (ATC) from the International Air Transport Association (IATA).

SHEIKH KHALIFA EXCELLENCE AWARD (SKEA):

In 2010, Abu Dhabi University outdid a large number of industrial and developmental institutions in the country and became the first higher education institution to win the prestigious Sheikh Khalifa Excellence Award for pursuing excellence in all of its operations while achieving its primary strategic objectives and goals.

MOHAMMED BIN RASHID AL MAKTOUM BUSINESS AWARDS:

At the cthe conclusion of The World Entrepreneurship Forum 2013, Abu Dhabi University was awarded "Best Supporting University for Entrepreneurship" in the UAE and the Arab World during the Mohammed Bin Rashid Award for Young Business Leaders in its 8th cycle. Organized by the Mohammad Bin Rashid Establishment for Small and Medium Size Enterprises Development, the awards held under the patronage of His Highness Sheikh Mohammad Bin Rashid Al Maktoum, Vice-President and Prime Minister of the UAE and Ruler of Dubai, recognize individuals and organizations who contribute to the development of SME sectors in the country, which earned ADU this significant achievement.

QUACQUARELLI SYMONDS (QS):

For the thirteenth year in a row, Abu Dhabi University has been ranked as a top higher education institution in the Quacquarelli Symonds (QS) World University Rankings since 2012–2013. In the 2026 edition, it ranked 391 globally, rising by 110 places from the previous cycle. Moreover, ADU is ranked among QS's top 150 universities under 50 years*, 12th in the Arab World, and 4th in the UAE in the QS WUR: Arab Region 2025. In the QS by Subject Rankings 2025: Social Sciences and Management climbed 110 spots to rank 178th globally. Business and Management Studies and Accounting & Finance are ranked in the top 201–250 globally. Engineering and Technology made its debut, ranking within the top 386 globally. Law entered the ranking for the first time in the top 251–300 globally. The Engineering–Mechanical, Aeronautical, and Manufacturing program ranked 451–500 globally.

TIMES HIGHER EDUCATION (THE) WORLD UNIVERSITY RANKINGS:

ADU is among the top 3 universities in the UAE and ranks globally at 191st while also ranking 101-125 globally for World Reputation. It holds the number one position in the UAE for the teaching pillar. In the prestigious THE Asia Ranking 2025, it secures the 70th position. ADU an impressive performance in THE Young University Rankings 2023 for the world's best universities that are under 50 years old or younger, ranking 60th globally. ADU ranks 4th in the UAE and 172 globally for its research quality. With over 100 nationalities, ADU is ranked 5th globally for the most international university. The College of Business is ranked as the number one in the UAE and the Arab Region and among the top 62 academic institutions in the world for business and economics. ADU's graduates are highly employable, ranking first in the UAE for graduate employability and 174 globally (THE graduate report). Cementing its global reputation, ADU ranks 13th globally for international outlook.

THE BIZZ AWARDS:

Organized by the World Confederation of Businesses (WORLDCOB), the prestigious Bizz award recognizes companies and organizations for innovation, business excellence and outstanding management performance, making Abu Dhabi University one of the first higher education institutions to ever receive the Bizz award in the Middle East region for three years running, including the recognition of the "Inspirational Company" in the Bizz Awards 2012.

**QS World University Rankings 2021*

ABU DHABI UNIVERSITY
BOARD OF TRUSTEES (Honourary)

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Chancellor of Abu Dhabi University	Member

ABU DHABI UNIVERSITY
BOARD OF DIRECTORS

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Mr. Abdallah Osseiran	Member
Dr. Nabil Ibrahim	Chancellor Emeritus
Prof. Ghassan Fouad Aouad	Chancellor

MESSAGE FROM **THE CHAIRMAN**

Dear Students,

Welcome to Abu Dhabi University—an institution built on ambition, guided by vision, and driven by a deep belief in the power of education to transform lives.

From the beginning, our purpose has been clear: to empower the next generation of leaders, thinkers, and changemakers. Whether you are just starting your undergraduate journey or advancing your expertise through postgraduate studies, you are now part of a vibrant academic community that values excellence, innovation, and integrity.

Our commitment to international standards ensures that the education you receive is globally recognized and locally relevant. More importantly, it prepares you to meet the challenges of a fast-changing world—confidently, competently, and with purpose.

At Abu Dhabi University, we take pride not only in our achievements, but in the success stories of our students and alumni. Their accomplishments across industries and continents reflect the spirit of resilience, creativity, and service that we cultivate here. You are now part of that legacy.

This is your time to grow—not only academically, but as a citizen of the world. Embrace curiosity. Challenge assumptions. Engage with your peers. Learn from your professors. Take pride in your heritage while reaching for new horizons.

As Chairman of the Board of Directors, I assure you that every effort is made to provide you with an environment where you can thrive—intellectually, socially, and professionally.

We are honored that you have chosen Abu Dhabi University. May this chapter of your life be filled with discovery, inspiration, and lasting success.

Warm regards,

> **"At Abu Dhabi University, you will gain the knowledge to achieve and the wisdom to lead."**

Dr. Ali bin Harmal Aldhaheri
Chairman of the Board of Directors

WELCOME FROM
THE CHANCELLOR

Congratulations on choosing Abu Dhabi University, one of the top three universities for the teaching pillar in the UAE*. You've joined us at an exciting time, as ADU accelerates its journey of growth and impact. You're now part of a vibrant community of learners and ambitious individuals who proudly call Abu Dhabi University, their home which ranks 2nd in the Arab Region and in the top 200 universities globally in the prestigious Times Higher Education (THE) World University 2025 Rankings.

Since it opened in 2003, Abu Dhabi University has been dedicated to developing leaders who contribute to national and global betterment. Our programs are designed to meet the future needs of the region and are benchmarked against the best programs offered by leading universities worldwide. At ADU, we are dedicated to equipping you with the knowledge and skills necessary to make a meaningful impact on your community and the global stage. This ensures that you're fully prepared to join the job market upon graduation. Our graduates are the most employable in the UAE according to the THE's Global Employability University Rankings for 2025.

Abu Dhabi University is internationally recognized for its quality education and research. According to the QS World University Rankings, our university is recognized among the top 150 universities under 50 years of age. Furthermore, according to the 2026 edition of the QS World University Rankings, ADU is now among the top 400 universities in the world, climbing over 110 spots compared to the previous year, currently holding the 391st position worldwide. This achievement marks our highest-ranking since 2013, solidifying ADU as the 5th best university in the UAE.

Our research performance is strong, and we rank 4th in the UAE and 172 globally for our research quality according to the THE World University Rankings 2025. We take pride in our diverse community, ranking 5th globally for the most international university, according to the prestigious THE Rankings 2025. With students and staff representing diverse cultures and talents from around the world, you will have the opportunity to learn from and form friendships with talented individuals.

ADU has recently been ranked as the 70th best university in all of Asia. Additionally, we have made an impressive performance in THE Young University Rankings 2024, securing the 60th position globally among the world's best universities under 50 years old or younger. Further solidifying our global standing, ADU ranks 8th worldwide in THE's Best Small Universities Rankings 2024.

Our programs are accredited by prestigious bodies such as AACSB, EQUIS, ABET, RIBA, APHEA, and WASC, ensuring the recognition and respect of your Abu Dhabi University degree by employers and higher education institutions internationally.

Abu Dhabi University's success lies in its clarity of vision and values. We prioritize the pursuit of knowledge, supported by professional staff and excellent facilities. Our campus, with state-of-the-art teaching and research facilities, a comprehensive student center, and impressive outdoor spaces, provides a key resource for students, businesses, and the local community. We have laboratories outfitted with state-of-the-art equipment. Our library opens to you a wide world of knowledge and research. We provide a variety of classroom settings that allow you to engage with your teachers and fellow students through the latest forms of interactive and face-to-face instruction.

Our partnerships include renowned institutions such as the University of Connecticut, the University of International Business and Economics, the University of Management and Technology, the Royal University for Women, Technische Hochschule Mittelhessen, Arab Open University, Menlo College, and Brest Business School. These collaborations reflect our commitment to global engagement and academic excellence, offering our students and faculty valuable opportunities for international learning, research, and innovation.

At ADU, we understand the investment you and your family are making in your future. We are committed to providing you every opportunity for success as you engage with us in your growth and intellectual development.

We believe that students are the heart of a university. Together, we aim to enhance the university's reputation, contribute to the economy and society, and ensure your time at Abu Dhabi University is memorable. We are here to help you achieve your academic potential, develop the skills and qualifications for productive careers, and support your personal growth as a well-rounded individual.

Welcome to Abu Dhabi University, where our goal is to assist you in your pursuit of a more fulfilling life

"We are here for you. Welcome to your University, Abu Dhabi University!"

**Times Higher Education World University Rankings 2025*

Professor Ghassan Aouad
Chancellor, Abu Dhabi University

UNIVERSITY **ADMINISTRATORS**

Prof. Ghassan Aouad	*Chancellor*
Dr. Hamad Odhabi	*Vice Chancellor for AI and Operational Excellence*
Prof. Barry O'Mahony	*Provost*
Dr. Mohamed Fteiha	*Director of Al Ain Campus, and Director of the Center for Faculty Development and Learning Innovation*
Dr. Anas Najdawi	*Campus Director, Dubai*
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HE Mr. Salem Aldhaheri	*Executive Director, Community Relations*
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Mr. Mohammed Abdul Hai	*Director, Business Support & Facilities*
Mr. Tarek El Araby	*Group Director of IT and Digital Transformation*
Mr. Ibrahim Louka	*Director, Finance.*
Mrs. Allison Hamilton	*Director of Talent Empowerment and Growth Department*

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ABOUT
ABU DHABI UNIVERSITY

Abu Dhabi University (ADU) was established in 2003 as a private university under the patronage of H.H. Sheikh Hamdan Bin Zayed Al Nahyan, the Ruler's Representative in Al Dhafra Region and President of ADU's Board of Trustees.

Today, ADU is home to approximately 8,000 students from over 100 nationalities across its three campuses: Abu Dhabi, Al Ain, and Dubai.

The University has five colleges: the College of Arts, Education, and Social Sciences (CAESS), the College of Business (COB), the College of Engineering (COE), the College of Health Sciences (CHS), and the College of Law (COL).

ADU follows the American model of higher education. Most classes are taught in English, with a few offered in Arabic. All degree programs are open to students of all nationalities

At Abu Dhabi University, teaching and learning are our top priorities. Our faculty are internationally recognized and play a key role in helping students learn actively and prepare for careers in the UAE and around the world.

Research and scholarship are also important, as they enhance graduate employability and help ensure that students receive a high-quality education. Faculty involvement in research, allows them stay up to date with the latest teaching methods and developments in their fields, which improves the learning experience in the classroom.

Everyone at ADU is encouraged to contribute to the University and the wider community, supporting our mission to serve the UAE and its people.

Our Philosophy

Abu Dhabi University is a top-quality, internationally recognized private university that supports the UAE's social, educational, cultural, and economic growth by educating both UAE citizens and international students. It is managed with a focus on efficiency and high standards, combining the best practices from American and Arabian models of education, while reflecting the UAE's multicultural identity.

ADU places a high value on research and scholarship, recognizing their crucial role in supporting the country's progress and equipping students with the latest knowledge and skills.

Student selection is based solely on academic ability, interest in the chosen field, and alignment with the University's philosophy, values, and goals.

Institutional Licensure and Program Accreditation

Abu Dhabi University obtained institutional accreditation from the UAE's Ministry of Education in 2003. The University and all its programs are accredited and approved by the Ministry of Education

In the UAE, universities must be officially licensed and have their programs accredited to be recognised by the Ministry of Higher Education and Scientific Research

International Accreditation

Alongside its UAE accreditation, Abu Dhabi University is committed to meeting the highest global academic standards through international accreditations

ABET (USA)

ADU's Chemical, Civil, Electrical, Computer, and Mechanical Engineering bachelor's programs are accredited by the Engineering Accreditation Commission of ABET. The BSc in Information Technology is accredited by ABET's Computing Accreditation Commission.

ABET is a leading global accreditor for programs in science, computing, engineering, and engineering technology. This accreditation confirms that ADU's graduates are prepared for careers in fast-moving, high-tech industries.

RIBA (UK)

ADU's Bachelor of Architecture program is accredited by the Royal Institute of British Architects (RIBA). It was the first program in the UAE to receive this honor. RIBA accreditation is a mark of international quality in architectural education

AACSB (USA) & EQUIS (Europe)

Our College of Business holds dual accreditation from the AACSB in the USA and EQUIS in Europe, covering all undergraduate, master's, and doctoral business programs.

Only 1% of business schools worldwide have both accreditations.

APHEA (Europe)

The BSc in Public Health is accredited by the Agency for Public Health Education Accreditation (APHEA).

This accreditation promotes high standards in public health education and training worldwide.

WASC (USA)

In 2016, ADU received full accreditation from the WASC Senior College and University Commission, one of the six official accrediting bodies in the USA responsible for accrediting public and private universities and colleges, as well as secondary and elementary schools, and foreign institutions of American origin. ADU is the only private university in the Middle East to earn this distinction.

In 2022, WASC granted a 10-year reaccreditation following a thorough review, recognizing the strength and quality of ADU's programs.

IATA (Canada)

ADU's Department of Aviation is an authorised IATA Training Center (ATC), accredited by the International Air Transport Association.

IATA is a global industry leader representing nearly 300 airlines. Its certifications are recognized worldwide and open doors to careers in aviation, cargo, and travel

Current Abu Dhabi University Postgraduate Programs

The following list includes the postgraduate academic programs that have been initially accredited by the CAA:

College of Arts, Education, and Social Sciences

- Professional Post-Graduate Diploma in Teaching (English)
- Master of Arts Applied Behavior Analysis
- Master of Arts in Digital Communication and Technology
- Master of Education in Educational Leadership
- Master of Education in Educational Technologies and AI
- PhD (Doctor of Philosophy) in Education

College of Business

- Master of Business Administration
- Master of Strategic Leadership
- Master of Science in Financial Technology (Fintech)
- Master of Science in Strategic Digital Transformation
- Doctor of Business Administration

College of Engineering

- Master of Engineering Management
- Master of Project Management
- Master of Science in Information Technology
- Master of Science in Electrical and Computer Engineering
- Master of Science in Mechanical Engineering
- Master of Science in Cybersecurity
- Master of Science in Artificial Intelligence
- PhD in Intelligent Systems Engineering
- PhD in Engineering Management

College of Health Sciences

- Master of Science in Clinical Psychology and Mental Health
- Master of Science in Public Health

College of Law

- Master of Public Law
- Master of Private Law
- Master of Cyber Law & AI
- PhD in Law

Vision

To be a leading university in the MENA region, providing graduates with the knowledge, skills, and mindset to become leaders of tomorrow, and engaging in research and innovation that make a difference to society

Mission

We aim to transform society through:

- preparing graduates for dynamic careers through life-changing, technology-enhanced, internationally accredited, world-class education;
- research and innovation that enhance academic disciplines and contribute to societal development and economic growth; and
- mutually beneficial collaboration with our stakeholder communities.

Core Values

Integrity
We act with honesty and the highest ethical standards in everything we do.

Excellence
We strive for excellence in teaching, research, and service, holding ourselves accountable to the highest standards of performance

Innovation
We fooster creativity and innovation to enrich the student experience and maintain global competitiveness.

Diversity
We celebrate our diversity and cultivate a welcoming, inclusive community built on respect and shared purpose.

Strategic Goals

1. Sustainability

Abu Dhabi University leads by example in addressing global sustainability challenges. Guided by the UAE's vision and the UN Sustainable Development Goals, our strategy focuses on three core pillars:

- Environment and Operations
- Social and Community
- Education and Research

These pillars shape our long-term actions and position us as a regional leader in sustainability in higher education.

2. Student Success and Experience

Our students are at the center of everything we do. We provide a dynamic and supportive learning environment, both on campus and online, that fosters personal and academic growth. A vibrant campus life, together with career-focused programs and holistic development, prepares students to succeed in a dynamic world and make meaningful contributions to society.

3. Teaching and Learning

We are known for excellence in teaching, flexible learning, and global relevance. Our programs are designed to meet the demands of today's economy while anticipating tomorrow's needs. Through research-informed practices and strong academic partnerships, we deliver high-impact learning experiences that build confidence, competence, and character.

4. Research and Innovation

Our research drives progress in academia, the economy, and society. We champion innovative thinking, applied knowledge, and real-world impact. By aligning our research with national and industry priorities, we deliver creative, practical solutions that support the UAE's development agenda and position ADU as a hub of innovation in the region.

AN OVERVIEW

Why Choose Abu Dhabi University?

With so many universities to choose from, why study at Abu Dhabi University?

At ADU, we understand that choosing where to study is a major decision. That's why we focus on delivering real value through high-quality education, internationally recognized degrees, and a supportive learning environment to help you succeed.

Abu Dhabi University is accredited by the WASC Senior College and University Commission (WSCUC) in the USA, the same body that accredits top universities like Caltech, UCLA, and Stanford, meaning your degree is globally recognized and respected.

ADU is proud to be ranked among the top three universities in the UAE, third in the Arab region, 70th in Asia, and in the top 200 globally, according to Times Higher Education. We are also ranked #1 in the UAE for teaching and graduate employability. QS World University Rankings place us among the top 150 universities under 50 years old globally.

Our approach combines the best of UAE traditions with modern, technology-driven education models from around the world. ADU is the right fit for you if you're looking for a university that is:

- Among the best in the UAE and globally
- Internationally accredited and recognized
- International in outlook, with faculty, staff, and students from over 100 nationalities
- Built on the best of Arab and American, educational systems
- Focused on helping you build strong English, technical, and analytical skills
- Committed to your personal and professional growth
- Blends academic theory with real-world experience
- Home to the #1 College of Business in the UAE and the region (THE Rankings)

When you choose ADU, you're joining a dynamic and ambitious community. We continually expand our programs, campuses, and facilities to deliver the best possible experience for you.

Abu Dhabi University is more than classrooms and textbooks. It's a hub for learning, culture, innovation, and personal development. Join us and be part of our vision to become one of the world's leading universities.

Our Campuses

Abu Dhabi Campus

Located in the UAE capital, ADU's main campus offers a vibrant, high-tech learning environment. Classrooms feature the latest educational tools, and computer labs, campus-wide Wi-Fi, and a fully equipped library give students easy access to information and resources.

Students can live on campus in comfortable, apartment-style dorms, with eight dining options to suit all tastes. At ADU, you'll find the perfect mix of academic excellence and top-tier facilities.

Al Ain Campus

Known as the Garden City, Al Ain is rich in heritage and lush green landscapes. Our Al Ain campus, named after H.H. Sheikh Tahnoun bin Mohammed Al Nahyan, welcomes over 1,800 students from 40 different nationalities. Inspired by the Ghaf tree, the campus reflects sustainability and cultural values.

The campus features over 70 classrooms and labs, 137 offices, an Innovation Center, an Academic Success Center, a gym, a café, a library, and exceptional sports facilities. It offers students a modern, comfortable, and collaborative learning space designed to prepare them for the future.

Dubai Campus

Located in the heart of Dubai Knowledge Park, our Dubai campus offers specialized Master's and Doctorate programs for professionals in business, engineering, law, finance, healthcare, and education.

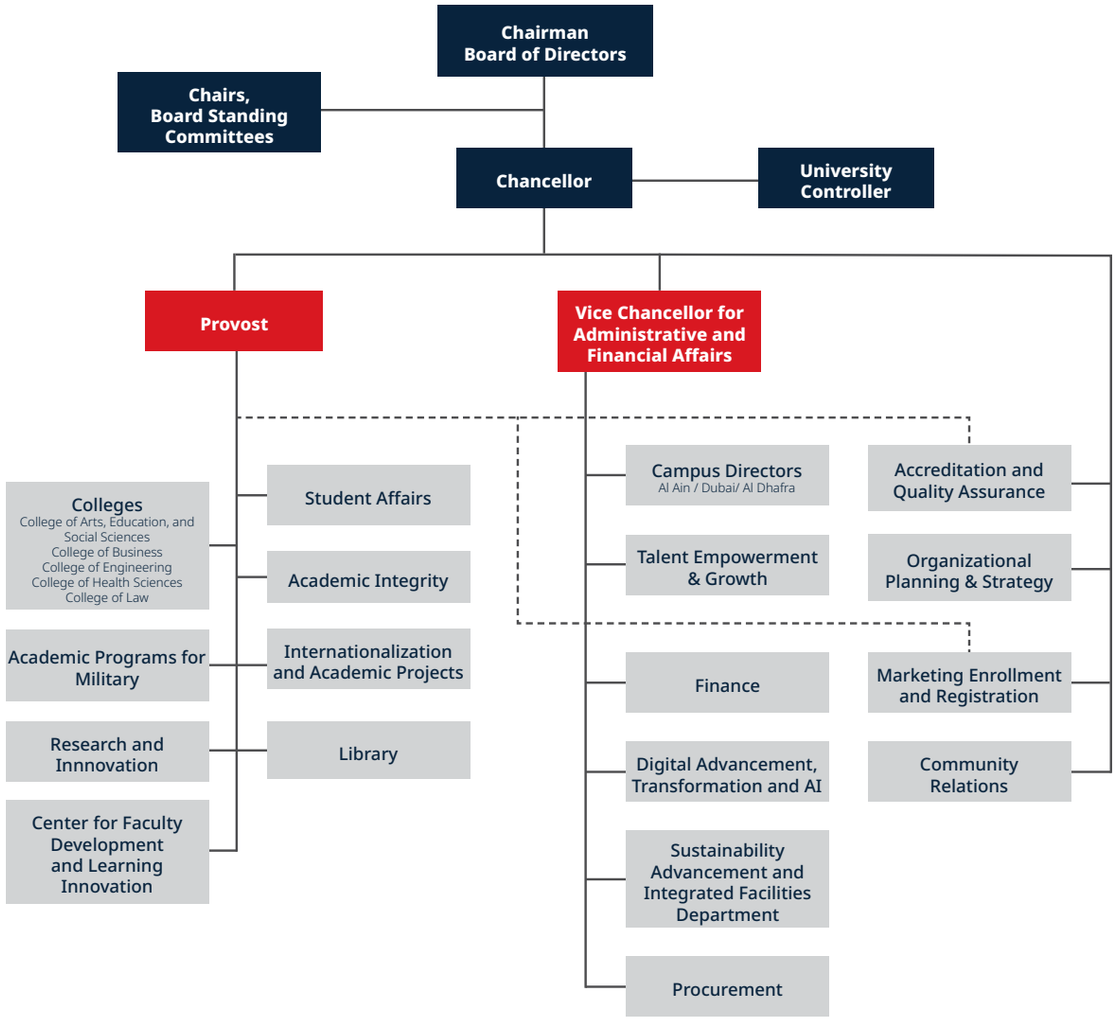
Our faculty brings a strong combination of academic and industry experience, and our classrooms and labs

are equipped with advanced instructional technology. The library is connected to global databases, supporting advanced research and scholarly studies.

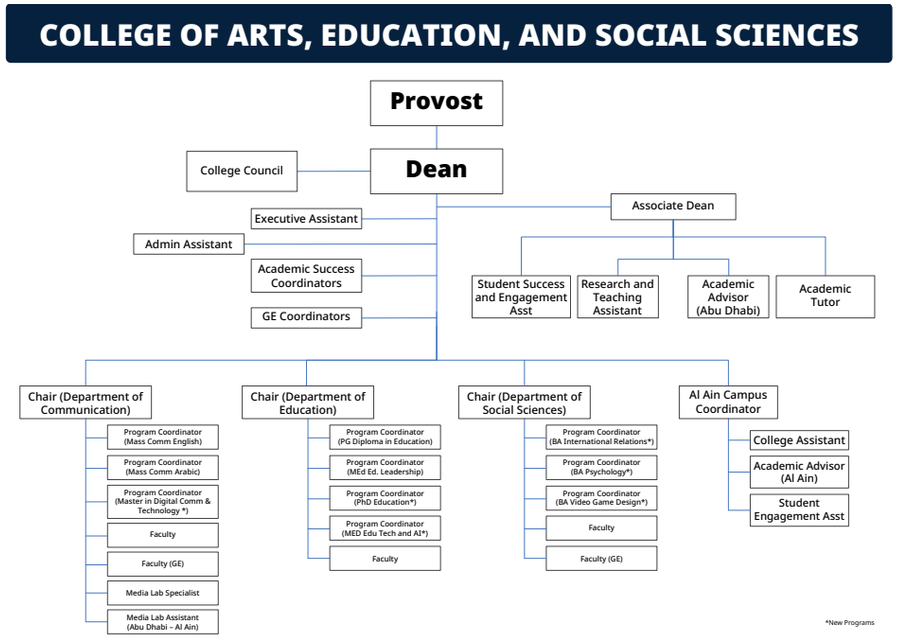
We also offer a vibrant student life, including social events and extracurricular activities. Our focus on industry partnerships and real-world learning helps students develop valuable skills and establish connections that enable them to succeed in today's global economy.

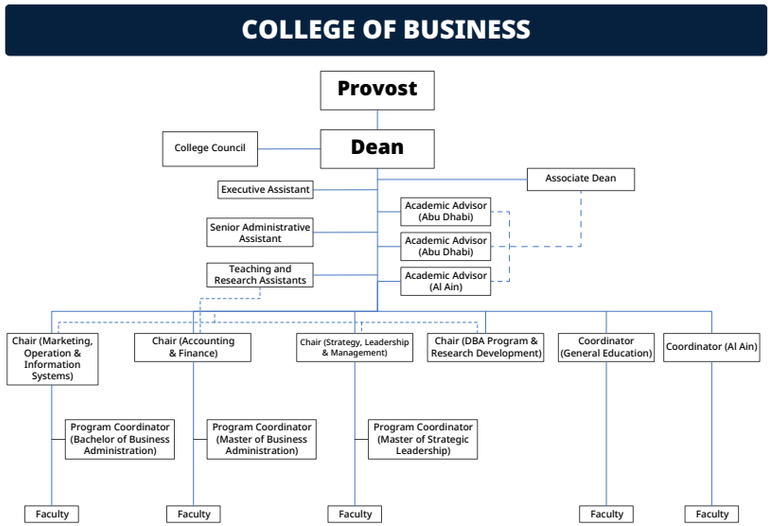
The campus's central location places students near major companies, public transportation, dining options, and cultural landmarks—an ideal setting for both academic and personal growth.

Abu Dhabi University
Organizational Chart



Abu Dhabi University
College Organizational Chart

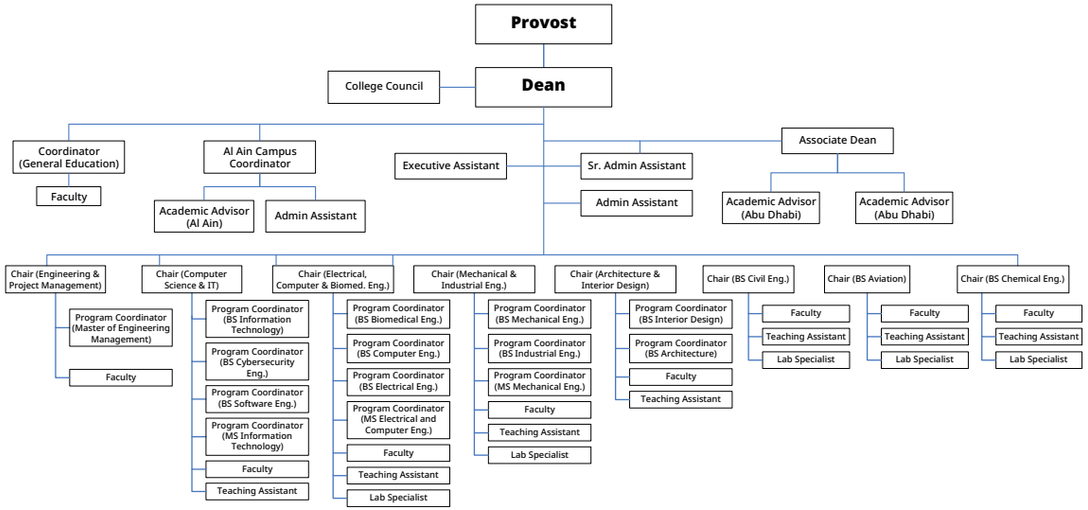




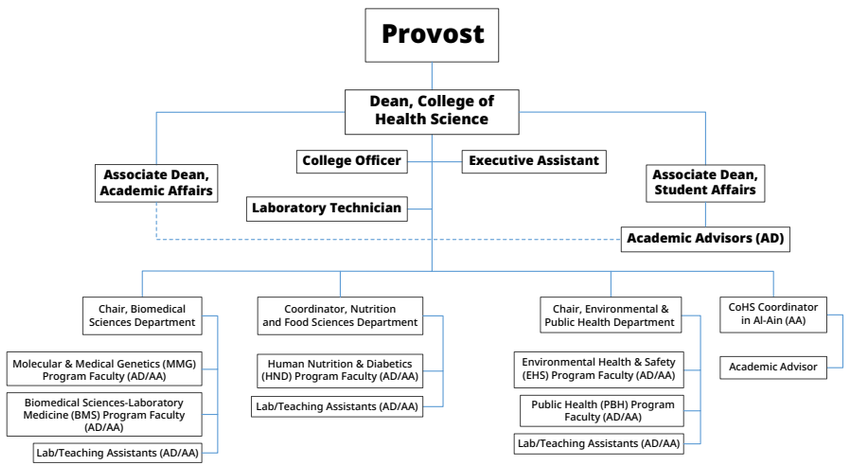
Abu Dhabi University

College Organizational Chart

COLLEGE OF ENGINEERING



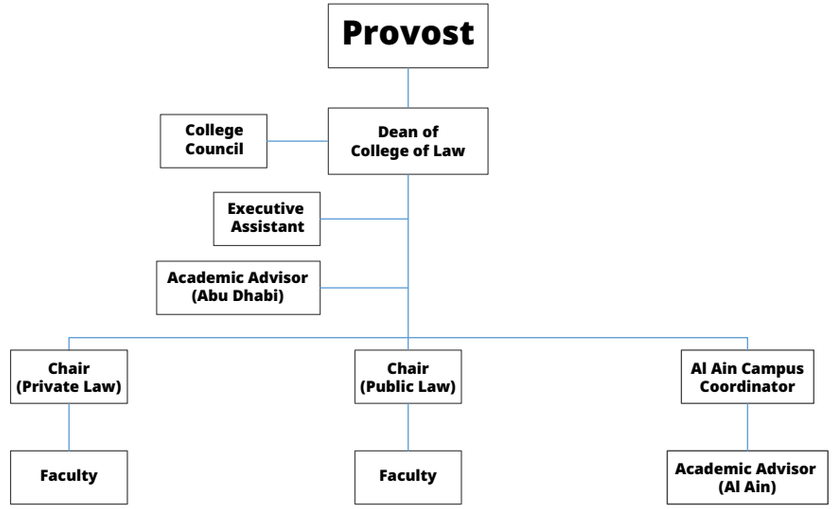
COLLEGE OF HEALTH SCIENCES



Abu Dhabi University

College Organizational Chart

COLLEGE OF LAW



ADMISSION, ENROLLMENT AND REGISTRATION

General Admission Information

Application forms and supplementary information are available at the Admissions, Enrollment & International Relations Department. Applications for admission should be submitted by the Department.

Abu Dhabi University accepts applications on a rolling basis throughout the year, and has intakes in the Fall, Winter, Spring and Summer. The Admission, Enrollment & International Relations Department will provide the date, time, and place of the required entrance examination, if any.

All applications will be reviewed and evaluated on an individual basis. All documents received by Abu Dhabi University in connection with applications for admission will become the property of Abu Dhabi University. Under no circumstances will they be returned to the applicant, forwarded to another institution or duplicated for any other purpose.

Students submitting their application to Abu Dhabi University must certify that the information they have provided Abu Dhabi University is truthful and accurate. If relevant information is not disclosed to Abu Dhabi University upon admission, this will be grounds for rejection of the application or termination of enrollment.

If the student is found to have provided false or misleading information in their Abu Dhabi University application and supporting documents, or if the student fails to disclose relevant information in order to meet Abu Dhabi University admissions requirements, the Admission, Enrollment & International Relations Department will reject the student's application to Abu Dhabi University or immediately deactivate the student's registration status and freeze any on-campus activities in which he/she is involved. Students will also sign and agree to the terms of the Abu Dhabi University Code of Honor once they submit their applications online.

Abu Dhabi University will admit qualified students without regard to race, color, gender, religion, national origin, or physical impairment/abilities. Physically challenged students must provide for their own special needs while attending Abu Dhabi University.

Doctor or Doctor of Philosophy General Admission

The following documents will be required during admission for non-international students:

a. A fully completed online Application for Admission form with a non-refundable application fee (online payment)
b. A true copy of the certified Bachelor and Master Degree Certificate and Transcripts (attested by the MOE for graduates from universities in the UAE)
c. Passport-sized photographs; (to be uploaded in the online application
d. A copy of a valid passport and residency visa (if applicable)
e. Copy of the UAE Emirates Identity Card
f. Evidence of relevant work experience
g. Police clearance
h. An application letter of 500-1000 words in length

i. A valid official score report of international TOEFL (IBT) 79 or the ITP 550 (taken at ADUKG or Amideast) or the Academic IELTS 6.0 was taken within the last 2 years, or Equivalent. Programs though in Arabic like Law requirements will be A minimum score of 450 on the TOEFL ITP or a score of 4.5 on the Academic IELTS, taken within the last two years(or its equivalent). Or will sign a commitment to enroll in and complete a non-credit English language course during their first semester.

j. Some Programs will require online or face to face interview

k. Copy of the latest C.V.

l. A true copy of an Equivalency letter from the Ministry of Education for applicants graduating from universities outside the UAE

m. Two professional recommendation letters passed on the program

Admission offers are valid for one academic year only. If a student does not register within that academic year, he/she must re-apply.

Applications with missing documents past the cut-off date will be issued rejection letters. However, students may re-apply once their admission documents are complete.

*The basis for admission is the Master's degree. Postgraduate Diplomas do not substitute for the Master's degree for admission.

Additional Required Documents for International Students:

The following documents have to be received along with the application form and an application fee:

1. Attested Bachelor's and Master's Degrees, transcripts and certificates from the country where the certificate is issued
2. Copy of student's passport (valid for at least 6 months),
3. Police clearance

Doctorate\Doctor of Philosophy Entry Requirements:

- Master's Degree (or equivalent qualification) directly related discipline from an accredited university recognized by the UAE Ministry of Education and Scientific Research. The applicant should typically have a Cumulative Grade Point Average of at least 3.00 on a 4.00-point scale or its established equivalent in relevant Master coursework.
- English Proficiency Tests – must be taken no more than two years before admission to Abu Dhabi University. Minimum English proficiency scores are set for each program and should be 79 Internet-based TOEFL, 550 paper-based IT TOEFL (taken at Amideast),
- 6.0 in Academic IELTS, or Equivalent. Programs though in Arabic like Law requirements will be A minimum score of 450 on the TOEFL ITP or a score of 4.5 on the Academic IELTS, taken within the last two years(or its equivalent). Or will sign a commitment to enroll in and complete a non-credit English language course during their first semester.

Exceptions:

. Students who have completed their entire education in English in an English-speaking country (e.g., UK, USA, Australia, New Zealand) may not be required to submit English language proficiency test scores•

Students who have completed a master's degree in an institution where the medium of instruction was English, and where the admission requirement included an English proficiency score of at least IELTS 6.0 (or equivalent), may be exempted from submitting a new English language proficiency test score, provided they submit valid supporting documentation confirming both conditions.

- Students will be interviewed by the DBA/PHD Admission Committee, or a subset of that, and only if the interview is deemed successful will the candidate be eligible for an offer of admission based on the Program.
- Meeting the above conditions doesn't guarantee automatic admission into the program. The selection committee will choose the best 20 or more candidates.

Table of Equivalent Scores on tests of English Language Proficiency*

IELTS Scores Overall	iBT Scores	ITP Scores
6.0	79	550

*Note: Score equivalents are provided by testing organizations.

Conditional Admission:

Submission of an Equivalency letter from the Ministry of Education for students who graduated from universities outside the UAE by the end of the first semester. If they fail to submit it on time, their accounts will be deactivated and they will not be allowed to register for the following semester. However, students have to approach the Admission, Enrollment & International Relations Department in writing in case they are not able to submit the equivalency letter by the end of the grace period. A committee will decide on each case based on the documentation provided.

Master's Degree General Admission

The following documents will be required during admission for non-international students:

a. A fully completed online Application for Admission form with a non-refundable application fee (online payment),

b. An attested copy of the certified bachelor's degree Certificate and Transcript (attested by the MOE for graduates from UAE universities).

c. A copy of the UAE Emirates Identity Card,

d. Passport-sized photographs (to be uploaded in the online application),

e. A copy of a valid passport and residency visa (if applicable),

f. Official transcripts and course syllabi from other universities for credit transfer,

g. Evidence of relevant work experience may be required (for Master of Strategic Leadership applicants),

h. A valid official score report of international TOEFL (IBT) 79 or the ITP 550 (taken at ADUKG or Amideast) or the Academic IELTS 6.0 taken within the last 2 years, or equivalent for prgrams tough in English and for Programs though in Arabic like Law requirements will be A minimum score of 400 on the TOEFL ITP or a score of 4 on the Academic IELTS, taken within the last two years(or its equivalent). Or will sign a commitment to enroll in and complete a non-credit English language course during their first semester.;

i. Copy of the latest C.V.,

j. Police clearance

k. 2 Recommendation letters may be required

l. A true copy of an Equivalency letter from the Ministry of Education for applicants graduating from universities outside the UAE in addition to an attested copy of the certified Bachelor Degree Certificate and Transcript.

Students dismissed from other academic institutes for academic integrity offenses, as per their official transcript, will not be admitted to Abu Dhabi University.

Admission offers are valid for one academic year only. If a student does not register within the academic year, he/she will have to re-apply.

Applications that have missing documents past the cut-off date will be issued rejection letters. However, students may re-apply once their admission documents are complete.

*The basis for admission is the Bachelor degree. Master degrees or Postgraduate Diplomas do not substitute the Bachelor degree for admission.

Additional Required Documents for International Students:

The following documents have to be received along with the application form and an application fee:

1. Attested Bachelor's Degree, transcripts and certificates from the country where the certificate is issued
2. Copy of student's passport (valid for at least 6 months)
3. Police clearance

Master Degree Regular Entry Requirements:

- All students applying for Master Degree admission are required to have a baccalaureate degree (or equivalent qualification) in a directly related discipline from an accredited university recognized by the UAE Ministry of Education. The applicant should have a Cumulative Grade Point Average of at least 3.0 on a 4.00-point scale or its established equivalent in relevant undergraduate course work. . In some programs will be required less GPA this based on the Program requirements.
- Candidates may be asked by the Program Director to attend an interview.
- English Proficiency Tests – must be taken no more than two years prior to admission to Abu Dhabi University. Minimum English proficiency scores are set for each program and should be 79 Internet Based TOEFL, or 550 paper-based IT TOEFL (taken at ADUKG or Amideast) or 6.0 in Academic IELTS, or equivalent for program tough in English;
- For certain postgraduate programs taught in Arabic. Programs though in Arabic like Law requirements will

be A minimum score of 400 on the TOEFL ITP or a score of 4 on the Academic IELTS, taken within the last two years(or its equivalent). Or will sign a commitment to enroll in and complete a non-credit English language course during their first semester..

Exceptions:

1. Students who are native speakers of English and have completed their undergraduate education in an English medium institution in a country where English is the official language may not be required to provide certification of English language proficiency;
2. Students who have completed undergraduate education in an English-medium institution might be allowed admission into a graduate program without demonstrating a TOEFL score of 550 (or equivalent). This exemption can be applied 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);

Once admitted and enrolled, the student must complete the program requirements within a maximum period of three calendar years and the Cumulative GPA must be at least 3.00 to graduate unless given an extension in writing by the Dean and Department Chair.

Students have to meet the program specific admission requirements of the program they are applying to.

Conditional Admission:

Applicants may be granted conditional admission in the following cases:

Case I

* Students with a recognized baccalaureate degree and an IELTS 5.5 academic or its equivalent on another standardized test approved by the Commission such as TOEFL scores of 197 CBT, 71 iBT, 530 PBT. Academic to a Emirates level 8 or 9 graduate program. Such students must meet the following requirements during the period of conditional admission or be subject to dismissal:

- Must achieve an IELTS 6 Academic 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.

CASE II:

For Emirates Level 8 and 9 graduate programs taught in Arabic a minimum score of IELTS 4.5 academic, or its equivalent on other national or internationally-recognized tests that are approved by CAA, such as TOEFL score of 450 (133 CBT, 45 iBT), or as identified in below "table for equivalent score on test of English Language":Approved Tests of English Language Proficiency

Case III:

- Applicants may be required to complete some or all program pre-core courses (when the first degree is not directly related to the program), before being granted regular admission to the program. Students are allowed to take these pre-core courses even if the language condition is not met.
- Students may be required to sit for a challenge exam set by the college. If students pass the exam, they will be exempted from the pre-core course(s).
- Students (who meet the language condition) under this category may be allowed to register in regular graduate-level courses before completing the pre-core courses upon the recommendation of the Dean and/or Program Director. If the above conditions are met. However, they will be allowed to take intensive English course(s) and/or pre-core courses even if their language is not met.

Case IV:

- May conditionally admit students to a QFEmirates level 8 or 9 graduate program with a recognized Bachelor's degree and a minimum cumulative grade point average (CGPA) of 2.5 on a 4.0 scale or its established equivalent. Such a student must take a maximum of nine credit hours of courses studied for the graduate program during the period of conditional admission and must achieve a minimum CGPA of 3.0 on a 4.0 scale, or its established equivalent, in these nine credits of courses studied for the graduate program or be subject to dismissal.

Case V:

- Applicants who graduated from universities outside the UAE are required to submit an Equivalency letter from the Ministry of Education by the end of the first semester.If the conditionally admitted students fail to submit their Equivalency Letters during the first semester, their accounts will be deactivated and they will not be allowed to register for the following semester. However, students should approach the Office of Student Recruitment and Admission in

Table of Equivalent Scores on tests of English Language Proficiency*

TOEFL	IELTS Academic
450 (133 CBT, 45 iBT)	4.5
500 (173 CBT, 61 iBT)	5.0
530 (197 CBT, 71 iBT)	5.5
550 (213 CBT, 79 iBT)	6.0

*Note: Score equivalents are provided by testing organizations.

writing in case they are not able to submit their equivalency Letters by the end of their first semester at ADU. A committee with decide on each case based on the provided documentation.

Program Specific Requirements:

Each Master program has specific admission requirements. It is the responsibility of the Admission, Enrollment & International Relations Department and the Program Director to ensure compliance with the requirements. Any changes or alterations to the Program specific requirements must be approved by the concerned Dean, Program Director, and Provost and should be communicated to the CAA in a timely manner.

An additional master's degree from the same institution may be awarded only when a student meets the admission requirements for the second degree and upon completion of the requirements of the additional degree, which must include at least 15 credits of courses that are distinctive and not taken to meet requirements of the first degree.

Master's degrees offered by any institution must include no less than 15 credits that are distinctive to that particular master's program.

Professional Post-Graduate Diploma in Teaching General Admission

The following documents will be required during admission for non-international students:

a. A fully online completed Application for Admission form with a non-refundable application fee,
b. A true copy of the certified Bachelor Degree Certificate and Transcript (attested by the MOE for graduates from universities in the UAE),
c. A copy of UAE National ID Card,
d. Passport-sized photograph (to be uploaded in the online application),
e. A copy of a valid passport and residency visa (if applicable),
f. Official transcripts and course syllabi from other universities for credit transfer,
g. Copy of the latest C.V.,
h. Police clearance
i. A true copy of an Equivalency letter from the Ministry of Education for applicants graduating from universities outside the UAE in addition to a true copy of the certified Bachelor Degree Certificate and Transcript.

*The basis for admission is the Bachelor degree. Postgraduate Diplomas or master degree do not substitute the Bachelor degree for admission.

Admission offers are valid for one academic year only. If a student does not register within the academic year, he/she will have to re-apply.

Applications that have missing documents past the cut-off date will be issued rejection letters. However, students may reapply once their admission documents are complete.

Students dismissed from other academic institutes for academic integrity offenses, as per their official transcript, will not be admitted to Abu Dhabi University.

Additional Required Documents for International Students:

The following documents have to be received along with the application form and an application fee:

1. Bachelor's Degree, transcripts and certificates duly attested by the UAE Ministry of Higher Education and Scientific Research, and from the University where the certificate is issued,
2. Copy of student's passport (valid for at least 6 months),

3. Evidence of adequate funds or sponsorship,
4. Standard form indicating that the applicant will abide by the Abu Dhabi University rules and regulations,
5. Evaluation report from the Evaluation Service Board stated above showing an equivalent average to the one required by Abu Dhabi University.

Professional Post-Graduate Diploma Regular Entry Requirements:

- All students applying for postgraduate professional diploma in Teaching (English) admissions are required to have a baccalaureate degree (or equivalent qualification) in Math, Physics, Biology, History, Geography, Science, English, Arabic, Social Studies, Islamic Studies or other directly related discipline from an accredited university recognized by the UAE Ministry of Higher Education and Scientific Research. The applicant should typically have a Cumulative Grade Point Average of at least 2.00 on a 4.00-point scale or its established equivalent in relevant undergraduate course work.
- Once admitted and enrolled, the student must complete the program requirements within a maximum period of two calendar years and the Cumulative GPA must be at least 2.00 to graduate unless given an extension in writing by the Dean and Department Chair.

Conditional Admission:

Applicants may be required to satisfy the following condition before granted regular admission to the program:

Submission of an Equivalency letter from the Ministry of Higher Education and Scientific Research for students who graduated from universities outside the UAE by the end of the first semester.

Students will be given a grace period of one semester to submit the equivalency letter. If they fail to submit it on time, their accounts will be deactivated and they will not be allowed to register for the following semester. However, students have to approach the Admissions, Enrollment & International Relations Department in writing in case they are not able to submit the equivalency letter by the end of the grace period. A committee with decide on each case based on the documentation provided.

Once conditionally admitted students meet the above condition, they will be granted regular admission.

Authentication

The University has the responsibility of verifying the authenticity of certificates presented by applicants. To satisfy the following conditions of attestation, certificates issued by universities following the UAE curriculum must:

1. Be original certificates or an attested copy,
2. Show grades received for each subject, and
3. Be attested by the issuing University, and the UAE Ministry of Higher Education.

If a certificate is issued by a private university outside the UAE, the student must then submit an equivalency letter for his/her bachelor's degree.

DBA applicant must submit an equivalency letter for his/her bachelor and /Master's degree.

Credit Transfer

Transfer credits may be applied towards a postgraduate degree if the following conditions are met:

1. Students transferring from other institutions into the same program major should be in good academic standing (for undergraduates, a minimum CGPA of a 3.0 on a 4.0 scale, or equivalent) based on the teaching, learning and assessment system employed in the organization at which they initially enrolled, demonstrated by certified transcripts or other evidence;
2. The transfer of credits may be accepted towards fulfilling the requirements for a university degree provided they are deemed equivalent (relevant and at the appropriate level of study) to a specific course and program. The Dean of the appropriate College will decide what credits can be transferred towards the completion of an ADU program;
3. The credits have been earned at the postgraduate level from a federal or licensed institution in the UAE or a recognized foreign institution of higher learning;
4. Only a student who is in good academic standing (CGPA of 3.0 or higher on a 4.0 scale, or equivalent) is eligible for transfer to an Abu Dhabi University postgraduate program of study similar to that from which the student is transferring;
5. The student has received grades of at least B, or 3.0 out of 4.0 or its equivalent, and the coursework is deemed comparable to what is required in the specific degree program;
6. Credit transfer will not be granted twice for substantially the same course taken at two different institutions;
7. The course credit hours to be transferred are equal or higher to the credit hours of Abu Dhabi University courses;
8. Transfer credits may be given for equivalent Abu Dhabi University courses when, in the opinion of the appropriate Dean and Professors, the learning outcomes of the proposed transfer courses and the level of study are deemed equivalent to that of Abu Dhabi University's course(s).

Postgraduate students may apply for credit transfer for courses taken prior to joining Abu Dhabi University once only when they first apply for admission to Abu Dhabi University. Courses taught in English language only may be transferred to Abu Dhabi University. Credit should not be counted twice towards awards. Therefore, credit cannot be transferred from a Master degree that the student has already achieved to the one he/she is planning to pursue.

The maximum approved transfer credits that may be applied towards a postgraduate degree program must not exceed 25% of the total credit hours. Credits earned for thesis work cannot be transferred. All proposed transfer credits must be approved by the respective Dean and Program Director and then communicated to the student.

Official transcripts, as well as official course syllabi from the previous institution, must be sent to the Admissions Office in order to process requests for the transfer of credits. Courses taken outside the UAE are subject to the Ministry's approval (Accreditation of the university) first before transferring the courses.

Re-admission Procedure

This policy applies to:

a. Former Abu Dhabi University students, whose enrolment at Abu Dhabi University has been voluntarily or involuntarily interrupted/stopped, including academic suspension, for more than two consecutive semesters (excluding summer semesters) or more than four discrete semesters (excluding summer semesters) during the whole period of study. Those semesters include the semesters from which the student has withdrawn from the semester with the approval of the concerned Dean.

b. Former Abu Dhabi University students who formally withdrew from the university by filling a Withdraw University Form.

c. Students who were dismissed from the University except for those who were dismissed for academic integrity violations (these students will not be re-admitted).

Those students must petition the Admissions, Enrollment & International Relations Department in writing for readmission to the University indicating the semester for readmission is being requested stating the following:

1. Reasons for leaving Abu Dhabi University and reasons for returning;
2. Evidence proving that all conditions for readmission have been fulfilled;
3. Current contact information;
4. Medical report for students who withdraw from Abu Dhabi University for reasons of illness;
5. Clearance from the Finance Department at Abu Dhabi University.
6. Valid IELTS, academic or equivelnt approved English tests, Valid Passport, Visa and UAE National ID Card

If the student meets the current admission requirements, a committee comprised of the Provost, UC Dean, Head of the Office of Academic Integrity, Dean of the concerned college, Head of Admissions, Enrollment & International Relations Department and the Registrar will look into the request and decide on case by case basis. In some cases, an interview with the student may be required. The committee will evaluate students Abu Dhabi University transcripts and course syllabi. New admission policies might apply whenever appropriate including entrance and language tests.

Based on the committee's recommendations, the student might be readmitted either by:

a. Reactivating his/her account in case any of his/her Abu Dhabi University courses are counted.
b. Creating a new account: in case that all his/her Abu Dhabi University courses are not counted.

Once readmission is granted, the student has to pay the admission application and registration fees or reactivation fees.

Upon withdrawal, students must know and understand that readmission is not certain and is contingent upon an interview with the student may be required. The committee will evaluate the students' Abu Dhabi University transcripts and course syllabi and will have a comprehensive reevaluation of the student petition.

Visiting Students

Visiting students are students attending courses or undertaking postgraduate research, with the prior approval from the Colleges concerned, without seeking a degree at Abu Dhabi University. They will normally:

a. Provide evidence of proficiency in the English language;
b. Participate, at their choice, in registered course-work, and sit for the examinations set for that course, and;

c. Be given, at their request, a transcript of courses taken at Abu Dhabi University.

Documents required for Admission of visiting students are as follows:

1. Completed online application form with the required application fee;
2. Official transcript from the University at which the student is registered;
3. Copy of passport;
4. 2 photographs;
5. Copy of TOEFL/IELTS or any other proof of English proficiency;
6. No objection letter from Registrar Office from the University at which the student is registered.

Students who opt to complete the degree in Abu Dhabi in Abu Dhabi University and change their status to regular students must meet the admission requirement. Please refer to the current admission policy and credit transfer policy if applicable.

Admission Requirements

Master of Business Administration

1. Candidates for admission must have an undergraduate degree.
2. Students with an undergraduate degree outside of business will be required to take the 4 MBA Pre-core courses listed below. Pre-core courses are waived if a student has taken any of the pre-core courses in his/her undergraduate degree with a score of C and above.

Pre-core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
MGT 482-PC	Introduction to Management	2	No Prerequisite
ACC 482-PC	Financial Accounting	2	No Prerequisite
ECO 482-PC	Introduction to Economics	2	No Prerequisite
BUS 482-PC	Quantitative Methods in Business	2	No Prerequisite

- Conditionally admitted students should be aware that they must clear their English entry requirement during their first semester at Abu Dhabi University.
- Conditionally admitted students with a TOEFL below 530 or equivalent can only take one course i.e. pre-core course in his/her first term.
- Conditionally admitted students with a TOEFL between 530 and 549 or equivalent can take one core course or one pre-core course in his/her first term.
- All students admitted conditionally based on CGPA or English proficiency will be required to participate in the COBA Postgraduate Mentorship Program.
- All PG students with CGPA below 3.0 will be required to participate in the COBA Postgraduate Mentorship Program.

Master of Strategic Leadership

Candidates for admission must have:

1. An undergraduate degree.
2. 3 to 5 years of work experience, depending on the CGPA in the undergraduate program.
3. English Language Proficiency Requirements: an official score report of international TOEFL (IBT) 79 or the ITP 550 (taken at Amideast) or the Academic IELTS 6.0 must be taken no more than two years prior to admission, or English EmSat minimum score of 1400 no more than 18-month prior to admission to Abu Dhabi University.
4. *Interview*: applicants meeting the educational, experience, and language requirements of the program (stated above) will be invited for an interview by the College, based on which the admission decision is made.

Doctor of Business Administration

Admission to Phase I: Coursework including Research Proposal

1. Candidates for admission must hold either a master's degree in business or a business related area with a CGPA of 3.0 or above.
2. An iBT min 79 / ITP min 550 (taken at ADUKG or Amideast only) / Academic IELTs 6.0 is required or EMSAT English 1400 taken within the last 18 months.
3. Professional Recommendations.
4. Evidence of at least 2 years of work experience at the middle to upper management level.
5. Panel Interview.

Admission to Phase II: Dissertation

1. A CGPA of 3.00 or above in the coursework requirements in Phase I.
2. A "Pass" grade in the Research Proposal Defense.

Pre-core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
MGT 482-PC	Introduction to Management	2	No Prerequisite
ECO 482-PC	Introduction to Economics	2	No Prerequisite
BUS 482-PC	Quantitative Methods in Business	2	No Prerequisite

Master of Engineering Management

1. A Bachelor's Degree in engineering, architecture, computer science, or closely related fields that are recognized by the UAE Ministry of Education.
2. The following pre-core (or foundation) courses are required of all applicants unless a student has successfully completed the course or its equivalent prior to joining the program.

Foundation (Pre-Core) Courses *

Course Code	Course Title	Credit Hours	Prerequisite(s)
COE 202-PC	Engineering Ethics, Economy and Law	3	No Prerequisite

Master of Project Management

1. A Bachelor's Degree recognized by the UAE Ministry of Education in Engineering, Architecture, Computer Science, IT, or closely related fields. Candidates with other degrees related to the program may be accepted after the program director's approval and may be required to take remedial courses.
2. There are no pre-core courses required for admission to this program.

Master of Science in Information Technology

1. A Bachelor's Degree recognized by the UAE Ministry of Higher Education and Scientific Research in Information Technology, Computer Science, Computer Engineering or closely related areas.
2. Applicants may be required to complete some or all of the below program pre-core courses when the first degree is not directly related to the program. Pre-core courses are determined by the Director of the MSIT program on a case-by-case basis, and are waived if a student has taken any of them in his/her undergraduate degree with score of C or above. Students may sit for a challenge exam set by the college. If a student passes the exam, he/she will be exempted from the pre-core course(s).

Pre-Core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
CSC 202-PC	Programming II	3	No Prerequisite
CSC 302-PC	Database Management Systems	3	No Prerequisite
CSC 305-PC	Data Communication and Networks	3	No Prerequisite
CSC 307-PC	Web Design and Programming	3	No Prerequisite
CSC 308-PC	Operating Systems	3	No Prerequisite

Master of Science in Cybersecurity

1. A Bachelor's Degree recognized by the UAE Ministry of Higher Education and Scientific Research in Information Technology, Computer Science, Software Engineering, Computer Engineering or closely related areas.
2. Applicants may be required to complete some or all of the below program pre-core courses when the first degree is not directly related to the program. Pre-core courses are determined by the Director of the MSCS program on a case-by-case basis, and are waived if a student has taken any of them in his/her undergraduate degree with score of C or above. Students may sit for a challenge exam set by the college. If a student passes the exam, he/she will be exempted from the pre-core course(s).

Pre-Core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
CSC 202-PC	Programming II	3	No Prerequisite
CSC 302-PC	Database Management Systems	3	No Prerequisite
CSC 305-PC	Data Communication and Networks	3	No Prerequisite
CSC 307-PC	Web Design and Programming	3	No Prerequisite
CSC 308-PC	Operating Systems	3	No Prerequisite

Master of Science in Electrical and Computer Engineering

1. Candidates applying for the MScECE program are required to have a Bachelor's degree in Electrical Engineering, Computer Engineering, IT, or related fields from an accredited university recognized by the UAE Ministry of Higher Education and Scientific Research.
2. Based on the courses the applicant took at the undergraduate degree level, the Program Director may require the applicant to take certain remedial undergraduate courses or pass a challenge test.

Pre-core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
CEN 304	Electronic Circuits and Devices	3	No Prerequisite
EEN 345	Power Systems	3	No Prerequisite
CEN 325	IoT: Foundation Design	3	No Prerequisite
GEN 201	Engineering Economy	3	No Prerequisite
CEN 320	Signals and Systems	3	No Prerequisite
EEN 335	Introduction to Communications	3	No Prerequisite

Master of Science in Artificial Intelligence

1. Candidates applying for the MScAI program are required to have a Bachelor's from an accredited university recognized by the UAE Ministry of Higher Education and Scientific Research.
2. Based on the courses the applicant took at the undergraduate degree level, the Program Director may require the applicant to take certain pre-core courses or pass a challenge test.

Pre-core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
MAI 202-PC	Introductory Artificial Intelligence	3	No Prerequisite
MAI 201-PC	Programming for AI	3	No Prerequisite

Master of Science in Mechanical Engineering

Students with a Bachelor degree in Mechanical Engineering recognized by the UAE Ministry of Higher Education and Scientific Research and related fields are eligible to apply. However, students with undergraduate degrees other than mechanical engineering may be admitted on conditional basis. Such students will have to take some undergraduate-level deficiency courses, as determined by the graduate advisor after examination of their undergraduate transcripts.

Students who lack the expected knowledge for unconditional admission must complete the required prerequisite undergraduate courses as recommended by the graduate advisor. The expected prerequisite knowledge for the MSME:

Course Code	Course Title	Credit Hours	Prerequsite (s)
MEC 465 or equivalent	Numerical & Finite Element Simulations of Engineering Problems	3	No Prerequisite

Doctor of Philosophy in Engineering Management

1. Applicants must hold either:

- A Master's degree in a relevant engineering or science discipline with a minimum CGPA of 3.0 on a 4.0 scale, or
- A Bachelor's degree in a relevant discipline with a minimum CGPA of 3.5 on a 4.0 scale, along with a research statement (500–1000 words) or evidence of at least two Scopus-indexed publications within the last five years.
- All degrees must be from accredited institutions recognized by the UAE Ministry of Higher Education and Scientific Research.

2. Graduates from non-engineering disciplines may be granted conditional admission, pending successful completion of pre-core courses as determined by the PhD Program Director. Waivers may be granted based on relevant work experience, professional development, or training.

3. Students admitted to the Direct PhD track (from Bachelor's) must complete 72 credit hours, which include 18 graduate-level credit hours aligned with the thesis topic and 54 PhD-level credit hours, as determined by the Program Director

4. All admitted students must complete two sequential phases:

- Phase 1 includes coursework, a Written Qualifying Examination (WQE) by the end of the second semester, and a Research Proposal Examination by the end of the fourth semester.
- Phase 2 includes additional coursework and dissertation work

Doctor of Philosophy in Intelligent Systems Engineering

1. Applicants must hold either:

- A Master's degree in a relevant engineering or science discipline with a minimum CGPA of 3.0 on a 4.0 scale, or
- A Bachelor's degree in a relevant discipline with a minimum CGPA of 3.5 on a 4.0 scale, along with a research statement (500–1000 words) or evidence of at least two Scopus-indexed publications within the last five years.
- All degrees must be from accredited institutions recognized by the UAE Ministry of Higher Education and Scientific Research.

2. Graduates from non-engineering disciplines may be granted conditional admission, pending successful completion of pre-core courses as determined by the PhD Program Director. Waivers may be granted based on relevant work experience, professional development, or training.

3. Students admitted to the Direct PhD track (from Bachelor's) must complete 72 credit hours, which include 18 graduate-level credit hours aligned with the thesis topic and 54 PhD-level credit hours, as determined by the Program Director

4. All admitted students must complete two sequential phases:

- Phase 1 includes coursework, a Written Qualifying Examination (WQE) by the end of the second semester, and a Research Proposal Examination by the end of the fourth semester.

- Phase 2 includes additional coursework and dissertation work

Master of Law in Cyberlaw and Artificial Intelligence

1. **Unconditional admission: Bachelor of Law is a requirement, over 2.0 overall grade.**

A bachelor's degree recognized by the UAE Ministry of Higher Education and Scientific Research directly or closely related to the discipline (e.g., sharia and law)

2. **English requirement:** Applicants must achieve an IELTS academic score of 6.0 or equivalent on other nationally or internationally recognized tests approved by the CAA, such as a TOEFL iBT score of 78-79 or a TOEFL PBT score of 550.

3. Admission of non-law degree holders (conditional admission): Students who lack the required knowledge for unconditional admission must complete pre-core courses offered at ADU to undergraduate students, as recommended by the LL.M. Program Director upon admission to the program. These remedial courses are not counted towards the 30 credit hours degree requirements.
Examples of non-law degrees accepted include bachelor's degrees in Cybersecurity, AI, Engineering, and Technology (e.g., Computer Science, Software Engineering, Telecommunications, Data Science, Robotics, Blockchain, and Information Systems Engineering), all admitted with conditions.
Applicants without a law degree must complete four pre-core courses in law to build foundational legal knowledge before pro- gressing to advanced coursework. These pre-core courses are listed below:

Course Code	Course Title	Credit Hours	Prerequisite(s)
IRLA-280PC	Intellectual Property Law	3	No Prerequisite
PGLA-225PC	General Criminal Law	3	No Prerequisite
ECLA-301PC	Legal Aspects of E-Commerce	3	No Prerequisite
COLA-200PC	Commercial Law	3	No Prerequisite

4 Language conditional admission: Applicants may be granted conditional admission if they achieve an IELTS academic score of 5.5 or equivalent on other nationally or internationally recognized tests approved by the CAA, such as a TOEFL iBT score of 61 or a TOEFL PBT score of 530. Please note that the unconditional language requirement must be met in the first

Master of International Relations (Military Program)

Admission Requirements:

- All students applying for postgraduate admissions are required to have a baccalaureate degree (or equivalent qualification) in a directly related discipline from an accredited university recognized by the UAE Ministry Education.
- The applicant should have a Cumulative Grade Point Average of at least 3.0 on a 4.0 point scale or its established equivalent in relevant undergraduate course work.
- English Proficiency Tests – must be taken no more than two years prior to admission to Abu Dhabi University. Minimum English proficiency scores are set for each program and should be 79 Internet Based TOEFL, or 550 paper-based IT TOEFL (taken at Amideast only) or 6.0 in Academic IELTS, EMSAT min Score of 1400.

Exceptions:

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).

Conditional Admission

Applicants may be granted conditional admission in the following cases:

Case I:

- English TOEFL score is between 530 and 549 or EMSAT 1250 (or its equivalent using the standardized tests approved by the Ministry), the student must meet the following requirements during the period of conditional admission or be subject to a dismissal:

    a. May register for a maximum of six credit hours in the first semester of study.

    b. Must achieve a TOEFL score of 550 or EMSAT 1400 or equivalent by the end of the student's first semester of study.

    c. Must achieve a minimum CGPA of 3.0 on a 4.0 scale or its established equivalent, in first six credit hours of credit-bearing courses studied for the graduate program.

Case II:

- English TOEFL score equal to or above 550 or EMSAT above 1400 (or its equivalent using the standardized tests approved by the Ministry) and a CGPA between 2.50 and 2.99, In such a case:

    a. The student must take a maximum of nine credit hours of the courses studied for the graduate program during the period of conditional admission;

    b. Must achieve a minimum CGPA of 3.0 on a 4.0 scale or its established equivalent or be subject to dismissal.

Case III:

- May admit students to a graduate program with a recognized Bachelor's degree and a minimum CGPA of 2.0 on a 4.0 scale or its established equivalent to a maximum of nine graduate-level credit hours as remedial preparation for the graduate program, these courses are not counted toward the CGPA and in the total program courses and must achieve an overall CGPA of 3.0 to move to the direct admission.

Case IV:

- Applicants may be required to complete some or all program pre-core courses (when the first degree is not directly related to the program), before being granted regular admission to the program. Students are allowed to take these pre-core courses even if the language condition is not met.

Case V:

- Applicants who graduated from universities outside the UAE are required to submit an Equivalency letter from the Ministry of Education by the end of the first semester.

  If the conditionally admitted students fail to submit their Equivalency Letters during the first semester, their accounts will be deactivated and they will not be allowed to register for the following semester. However, students should approach the Office of Student Admission in writing in case they are not able to submit their Equivalency Letters by the end of their first semester at ADU. A committee with decide on each case based on the provided documentation.

Case VI:

- Applicants whose TOEFL score is below 530 or its equivalent must satisfy the English proficiency requirement before enrolling in any graduate-level credit course. Once conditionally admitted students meet the above conditions, they will be granted regular admission.

Transfer Admission

Students may transfer to the Master of International Relations program from within Abu Dhabi University or from other programs provided they meet all admission requirements. Up to 9 credit hours earned at the graduate level earned at other institutions or at Abu Dhabi University, with a minimum grade of "B", may be transferred to International Relations program. Only courses that have equivalents in the Master of International Relations program, as determined by the Program Director, may be transferred.

ACADEMIC TERMINOLOGY FOR ABU DHABI UNIVERSITY

Academic Year – The period of formal instruction that is divided into semesters and terms.

Add/Drop - A process at the beginning of the semester whereby students can delete or add classes online.

Assessment - The gathering of evidence of student learning and achievement to guide instructional decisions and aid student learning.

Blackboard or Blackboard Learn – Web-based tool that allows students to access course materials and resources.

Concentration - It is best thought of as a grouping of courses which represent a sub-specialization taken within the major field of study. A concentration may be specified on the diploma or in the student's academic record (transcript).

Cumulative Grade Point Average (CGPA) – The overall average of all course grades attained during the student's enrollment at Abu Dhabi University. The CGPA is used for a number of academic decisions, including awards and academic probation.

Degree – Diploma or title conferred by a college, university, or professional school upon completion of prescribed program of studies.

Degree Program – The term degree program is used at Abu Dhabi University to indicate the total academic credit requirements a student must complete in order to earn a specific degree/diploma from the University, i.e. a B.B.A. degree program in Management.

Early Registration – A process of choosing classes in advance.

Elective – Course that student may choose to take for credit toward their intended degree, as distinguished from a course that they are required to take.

Field – The term field is used at Abu Dhabi University to indicate a broad academic area that generally includes several disciplines or subfields i.e. the field of business administration includes the disciplines of management, marketing, finance, accounting etc.

Full-time Student – A student who is enrolled at the university taking at least a minimum load of 12 credits per semester.

Grade Point Average (GPA) – A system of recording achievement based on a numerical average of the grades attained in each course in a given semester or term.

Internship – An organized and supervised career-related professional experience. Academic credits are awarded for the learning acquired through their work experience, depending upon their performance evaluation. Internships are administered using well planned syllabi and work plans during the period of training, which are supervised by site-supervisors and college-supervisors.

Major – A student's principal field of study.

Midterm exam – An exam administered midway during the academic term covering class material studied until that point.

Minor – A subject in which the student takes the second greatest concentration of courses.

Pre-requisite – Program or course that a student is required to complete before being permitted to enroll in a more advance program or course.

Professional Academic Advisor – A full-time staff member within each college who advises and counsels students on programs and course selection, institutional policies, career choices, effective study habits, and/or other academic and career-oriented decisions.

Study Plan - Each degree program will have study plans for students entering in Abu Dhabi University. These study plans will specify the appropriate sequences of courses that students must take in order to graduate. Study plans should include university requirements, major and elective courses.

Term - Some courses may be offered in a time-shortened period not less than 6 weeks, called a term, which nonetheless offers class contact time and out-of-class assignments equivalent to a semester course.

Theme – The term theme is used at Abu Dhabi University to indicate a free choice of 9 credits from a selected list of courses in a sub-discipline at the undergraduate level.

Transcript – A certified copy of a student's educational record.

Withdrawal – An administrative procedure of dropping a course or leaving a university.

Non-refundable application fee (online payment).

Once an application and the required documents are submitted, a response will be provided no later than one week from the date the application was received.

Registration

Students will be required to register during the online registration period announced every semester by the Office of the Registrar.

- Registered students may add/drop courses prior to the first day and during the first calendar week of the semester and during the first two days of the Winter/ Summer term. A full refund will be given for courses dropped by students during this period.
- Late registration should be completed within the first calendar week after the semester registration period is over.
- Students wishing to continue their studies at Abu Dhabi University but who fail to pay the prescribed fees on or before the published payment deadline, will be considered to have been dropped from courses which they are registered
- Students may seek to defer their registration by applying in writing to the Registrar. This should be done at least one week before the specified date of registration. Fees for late registration will be charged and students will be required to register on or before the deferred registration date.
- Students will only be permitted to sit for examinations and receive grades if they are registered for the courses and have settled their fees in full.

Registration Procedures

Students must register online at the beginning of each semester. Registration procedures are as follows:

a. Before students meet with their Advisor, they should identify the list of courses they should take in each semester to satisfy the requirements of the program of study leading to their degree.

b. Students register online at www.adu.ac.ae and then print out their own schedule cards. If a section is full, another selection will need to be made in consultation with the Academic Advisor. Once the schedule card is finalized, tuition fees are to be paid online, through bank transfer or in oerson at the Finance Department.

Course Load Limitation

Full time postgraduate students carry a minimum load of 9 credit hours per fall or spring semester. Part time postgraduate students carry a load of less than 9 credit hours per fall or spring semester.

1. A student may register for up to a maximum of 12 credit hours in any fall or spring semester.
2. A student may register for up to a maximum of 6 credit hours in any term of six weeks' duration.

Postgraduate students under academic probation have to abide by the load specified in the relevant Academic Standing Policy.

Add/Drop Course Regulations

A student is allowed to add and drop one or more courses during the first week of the regular semester and during the first two days of the Winter/ Summer term. A student may drop one or more courses during the tenth week of the semester. In such cases, the "W" grade reflects the student's voluntary Withdrawal from the course. This grade is not computed in the student's GPA but determines student's progress towards completion of the college requirements. If the student does not officially withdraw from courses during these specified periods, he/ she is considered registered for the courses and is held accountable for completing them.

Dropping Fall/Spring Credit Courses

- Students dropping courses within the first calendar week of the Fall/Spring semester will receive a 100% refund of the tuition fee.
- Students dropping courses in the second calendar week of the Fall/Spring semester will receive 75% refund of the tuition fee. In such cases a "Withdrawal without Penalty" (W) grade will be entered in their record.

- Students dropping courses in the third calendar week of the Fall/Spring semester will receive a 50% refund of tuition fees. In such cases, a (W) grade will be entered in their record.
- Students dropping courses after the third week of the Fall/Spring semester will receive no refund, and will be awarded a (W) grade for that course.
- If students do not withdraw from courses during these specified periods, they will be considered as being registered for the course and held accountable.
- A 100% refund of tuition fees will be given for courses canceled by Abu Dhabi University.

Dropping Summer/Winter Credit Courses

- Students dropping courses within the first two days of the calendar days of the Winter/Summer semester will receive a 100% refund of the tuition fee.
- Students dropping courses in the third and fourth calendar days of the Winter/Summer semester will receive 75% refund of the tuition fee. In such cases, a "Withdrawal without Penalty" (W) grade will be entered in their records.
- Students dropping courses in the first and second days of the next calendar week of the Winter/Summer semester will receive a 50% refund of tuition fees. In such cases, a (W) grade will be entered in their records.
- Students dropping courses after the two days of the second week will receive no refund, and will be awarded a (W) grade for that course.
- If students do not withdraw from courses during these specified periods, they will be considered as being registered for the courses and be held accountable.
- A 100% refund of tuition fees will be given for courses cancelled by Abu Dhabi University.

Re-Enrollment

Students falling under below categories may apply for re-enrollment at Abu Dhabi University:

a. A former Abu Dhabi University student in good academic standing, whose enrollment at ADU has been voluntarily or involuntarily interrupted (such as Financial issues, Medical conditions, Work related issues etc), for more than one semester (excluding summer/winter terms). Those semesters include the semesters from which the student has withdrawn with the approval of the concerned Dean.

b. Former Abu Dhabi University students who formally withdrew from the university by filling a Withdrawal Request Form.

Those students must petition the Office of the Registrar in writing for re-enrollment to the University. Students are encouraged to begin the re-enrollment process at least two months prior to the beginning of the semester stating the following:

1. Reasons for leaving Abu Dhabi University and reasons for returning
2. Current contact information
3. Medical report for students who withdraw from Abu Dhabi University for reasons of illness.
4. Clearance from the Finance Department at Abu Dhabi University

If the student meets the requirements, a committee comprised of the Provost, Dean of the concerned college, and the Registrar will look into the request and make a decision on a case to case basis. In some cases, an interview with the student may be required. The committee will evaluate students Abu Dhabi University transcripts and course syllabi.

Administrative Drops

Abu Dhabi University officials in the Office of the Registrar or the College Dean's Office may initiate an administrative drop. A student may be administratively dropped from one or more classes (or withdrawn from all classes) for any of the following reasons:

a. Failure to meet certain preconditions, including but not limited to:

- failure to pay tuition and fees by designated deadlines
- class cancellations
- failure to meet course prerequisites
- failure to meet the specific academic requirements of the degree program, and
- failure of comprehensive or preliminary examinations

b. When the safety of the student, faculty member or other students in a course would be jeopardized,

c. Academic suspension, including but not limited to, failure to attain or maintain a required grade point average (GPA) of 3.0 after being placed on Academic Probation,

d. Disciplinary suspension for having been in violation of the Student Code of Conduct,

e. Disruptive behavior determined by a faculty member, College Dean or Registrar (and if required, a disciplinary committee) if found to be detrimental to the progress of the course and the education of students,

f. Exceeding the allowable number of absences from a course for a given semester,

g. Exceeding the allowable number of credit courses stipulated on course load policy.

Withdrawal from the University

Students who wish to leave Abu Dhabi University before graduation must complete a University Withdrawal Application Form obtainable from the university website and from the Office of the Registrar. Official withdrawal will be granted after completion of the clearance procedure.

A "W" grade will appear against all courses taken by the student on the semester he/she withdraws from Abu Dhabi University.

Student Record Confidentiality

The Student record is defined as any paper base or online documentation that contains information directly related to the student, such as academic evaluations, transcripts, test scores and other academic records, counseling and advising records, disciplinary records, and financial aid records. Academic and non-academic student's information is confidential and is protected against release to anyone except the student, the guardian, the sponsor and/or otherwise specified by the Student Release of Information Form.

Student Archives

The final course result at the end of the semester will remain in Abu Dhabi University records in perpetuity. The Office of Registrar will be responsible for maintaining appropriate storage. Deans, Chairs of Departments and faculty will have read-only access to these records.

Back up files will be updated regularly, with another set of files stored in an external and secure location in fire proof cabinets.

Credits Earned at other Academic Institutions

Continuing Abu Dhabi University students in good academic standing who wish to enroll in courses at other institutions where the credit earned will be used to fulfill degree requirements at Abu Dhabi University must satisfy one of the following conditions that delay the student's graduation:

1. The course is not offered in the current semester and not taking it, will delay the graduation;
2. The course is offered but conflicts with another required course.

The course to be taken outside Abu Dhabi University has to be equivalent to an ADU course, as defined in the credit transfer policy. The respective College advisor will evaluate the student's request against the above conditions. If a student meets the conditions specified above and are in compliance with the university's residency requirements, his/her request will be forwarded to the College Dean along with all supporting documents. If approved, the Office of the Registrar will issue a Letter of Approval to the other academic institution.

Graduation Requirements

Postgraduate students must successfully complete all course requirements, as well as other academic activities assigned to their specialized study plan. The CGPA of each postgraduate student must be at least 3.0 out of 4.0.

Students must complete the Application for Graduation Form online no later than the end of the second week of the semester (first week in case of Summer/Winter term) in order to be eligible for graduation at the end of that semester.

Applying for Graduation

Postgraduate students graduating from Abu Dhabi University must officially file an application for graduation at the beginning of the semester in which they plan to graduate. The Office of the Registrar does not initiate the diploma preparation until a student officially files for graduation.

NOTE:

Students must complete all requirements toward their degree in the semester they intend to graduate, or their graduation application will be disapproved.

Students wishing to graduate in the current semester, who

were disapproved for graduation in any past semester, must re-file for graduation.

Students filing for graduation prior to the deadline may submit a graduation application request online through their PeopleSoft Student Center.

Applying for graduation on time will help to include your name in the commencement program; if you plan to participate in the ceremony, apply on time!

Deadline to file for graduation:

Deadline for applying for graduation is published in the student calendar available in the Abu Dhabi University website.

For any clarifications needed please contact the Office of the Registrar.

How to apply for graduation online?

- Go to www.adu.ac.ae to apply.
- Login in PeopleSoft using your username and password.
- Click on self-service.
- Click on degree progress/graduation.
- Click on apply for graduation.
- Click on the program for which you want to apply for graduation.
- Select the expected graduation term from the drop down list.
- Read carefully any comments in the Graduation. Instruction section. Any information to be conveyed to the expected graduates from the Office of the Registrar would be displayed on the graduation instruction section.

Graduation Clearance

Graduating students will be required to get clearance from certain departments of the University. Below is the guideline to initiate the online graduation clearance:

1. Login to PeopleSoft-SIS and navigate to Self-Service—Degree Progress/Graduation—Graduation Clearance Requests.
2. Select career and graduation term on following page and click Submit a New Request.
3. A Request page will appear with your personal and academic details. In this page, you can do the following: edit your UAE Emirates ID, Marital status and Passport Number; verify or update your contact
4. number and email address; select your current Emirate of residence; select appropriate response to questions about employment and give any feedbacks or comments about your data.
5. On the same page, attach a copy of your Passport, Emirates ID and your updated CV.
6. Click Submit to initiate your request. On successful submission of request, you will receive an auto-generated email notification with request number.

Awarding Degrees and Diplomas

1. Abu Dhabi University will award Postgraduate degrees upon the recommendation of Abu Dhabi University's Academic Council and University Council to students who have fulfilled the requirements of an approved program of study.
2. Abu Dhabi University will award Master's Degrees when a candidate has successfully completed a program approved by his/her College.
3. Given that the official language of Abu Dhabi University is English, the diploma certificates for an academic award will generally be in English. The documents show the full name of the recipient, the title of the award, and the title of the study program concerned.
4. The diploma certificate bears the official seal of Abu Dhabi University, as well as the signatures of the Chairman and the Chancellor of the University.
5. Abu Dhabi University may withhold the conferral of an academic degree or diploma to a student who has outstanding payments due to Abu Dhabi University, who has unreturned materials on loan from the Abu Dhabi University Library, or who has any other outstanding obligations to Abu Dhabi University.

COURSE RELATED INFORMATION

Introduction

Course grades will be based upon a combination of examinations, class participation, class attendance, quizzes, projects and homework assignments. Students benefit from attention to their performance fue to the maintenance of smaller class sizes. ADU average a gross student-faculty ratio is 29.67 and a FTE student-faculty ratio of 12.95. Students receive a preliminary assessment of the course grade after mid-semester tests, and a final evaluation at the end of the semester.

Doctorate/Master Degree Grading System and Scale

Abu Dhabi University graduate students will be assigned grades for their academic course work according to the following scale:

Grade	Point	Percentage	Meaning of the Grade
A	4.00	90-100	Excellent
B+	3.50	85-89	Very Good
B	3.00	80-84	Good
C+	2.50	75-79	Satisfactory
C	2.00	70-74	Poor
F	0.00	Less than 70	Fail
P	N/A	N/A	Pass
S	N/A	N/A	Successful Completion
U	N/A	N/A	Unsuccessful Completion
NP	N/A	N/A	Not Pass
SP	N/A	N/A	Special Pass
I	N/A	N/A	Incomplete
IP	N/A	N/A	In Progress
T	N/A	N/A	Transfer
H	N/A	N/A	Final Grade on Hold
W	N/A	N/A	Withdrawal from a Course
WA	N/A	N/A	Withdrawal Due to Absence Limit

Doctorate/Master Degree Grade Definition

While composing grade criteria, faculty members will seriously consider and incorporate as appropriate, the official University grade definition guidelines below:

A
Excellent Mastery of Course Materia.

B+
Very Good mastery of course material

B
Good performance in the course

C+
Satisfactory performance in the course

C
Poor performance in the course

F
Unacceptable Performance in the Course (Failure)

P (credit)
Assigned for Successful completion of graduate courses including thesis and dissertation

S
Satisfactory completion of graduate courses (This is not computed in the student's GPA but determines student's progress towards completion of degree requirements.)

U
Unsatisfactory completion of graduate courses (This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements.)

I (Incomplete)

An "I" grade is given when the student is unable to complete the course requirements for a reason deemed legitimate by the Office of the Registrar.

Advanced courses may not be taken if the course with an Incomplete grade is a pre-requisite for the advanced course. This grade is not computed in the student's SGPA and passed credit hours.

The maximum period of time to resolve the "I" grade must not be more than one semester from the time the "I" is given, excluding the summer semester. Failure to resolve the "I" grade within the time specified will result in the conversion of the "I" grade into an "F" grade.

IP (In Progress)

The "IP" grade is awarded when certain course-related activities, such as internships and projects require a longer time to be completed than the deadline for grade submission. This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements. The IP grade must be resolved within one month from the time the "IP" is given.

T (Transfer)

The "T" grade reflects a transfer of credit for an equivalent postgraduate course taken at another accredited academic institution with a minimum grade of "B".

W (Withdrawal from a Course)

The "W" grade reflects the student's voluntary withdrawal before Thursday of the tenth week of the semester. This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements.

WA (Withdrawal Due to Absence Limit)

The "WA" grade reflects the administrative withdrawal of the student from the course for exceeding the absence limit as per ADU Attendance Policy. This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements.

H (Final Grade on Hold)

Final grade on Hold (This grade is given to a student until pending administrative issues are resolved.) This grade is not computed in the student's SGPA and passed credit hours.

GPA Scale

At Abu Dhabi University, the GPA scale ranges from 0.0 to 4.0, and a minimum GPA of 3.0 is required to be awarded a a master's and PhD degrees

Post-Graduate Diploma Grading System and Scale

Abu Dhabi University graduate students will be assigned grades for their academic course work according to the following scale:

Grade	Point	Percentage	Meaning of the Grade
A	4.00	90-100	Excellent
B+	3.50	85-89	Very Good
B	3.00	80-84	Very Good
C+	2.50	75-79	Good
C	2.00	70-74	Good
D+	1.5	65-69	Satisfactory
D	1.0	60-64	Satisfactory
F	0.00	Less than 60	Fail
NP	N/A	N/A	Not Pass
SP	N/A	N/A	Special Pass
P	N/A	N/A	Pass
S	N/A	N/A	Successful Completion
U	N/A	N/A	Unsuccessful Completion
I	N/A	N/A	Incomplete
IP	N/A	N/A	In Progress
T	N/A	N/A	Transfer
H	N/A	N/A	Final Grade on Hold
W	N/A	N/A	Withdrawal from a Course
WA	N/A	N/A	Withdrawal Due to Absence Limit

Post-Graduate Diploma Grade Definition

While composing grade criteria, faculty members will seriously consider and incorporate as appropriate, the official University grade definition guidelines below:

A

Excellent Mastery of Course Material

B+

Very Good Mastery of Course Material

B

Very Good Mastery of Course Material

C+, C

Good Mastery of Course Material

D+, D

Satisfactory Performance in the Course

F

Unacceptable Performance in the Course (Failure)

P (credit)

Satisfactory Completion of Internship

P (non-credit)

Satisfactory completion of internship. (This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements.)

I (Incomplete)

An "I" grade is given when the student is unable to complete the course requirements for a reason deemed legitimate by the Office of the Registrar.

Advanced courses may not be taken if the course with an Incomplete grade is a pre-requisite for the advanced course.

The maximum period of time to resolve the "I" grade must not be more than one semester from the time the "I" is given, excluding the summer semester. Failure to resolve the "I" grade within the time specified will result in the conversion of the "I" grade into an "F" grade. This grade is not computed in the student's SGPA and passed credit hours.

IP (In Progress)

The "IP" grade is awarded when certain course-related activities, such as internships and projects require a longer time to be completed than the deadline for grade submission. This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements. The IP grade must be resolved within one month from the time the "IP" is given.

T (Transfer)

The "T" grade reflects a transfer of credit for an equivalent undergraduate course taken at another accredited academic institution with a minimum grade of "C".

W (Withdrawal from a Course)

The "W" grade reflects the student's voluntary Withdrawal before Thursday of the tenth week of the semester. This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements.

WA (Withdrawal Due to Absence Limit)

The "WA" grade reflects the administrative withdrawal of the student from the course for exceeding the absence limit as per ADU Attendance Policy. This grade is not computed in the student's GPA but determines student's progress towards completion of degree requirements.

H (Final Grade on Hold)

Final grade on Hold (This grade is given to a student until pending administrative issues are resolved). This grade is not computed in the student's SGPA and passed credit hours.

GPA Scale

At Abu Dhabi University, the GPA scale ranges from 0.0 to 4.0, and a minimum GPA of 2.0 is required to be awarded a postgraduate diploma degree.

Credit Hours

Courses are calculated in credit hours. Each course carries a certain number of credit hours that are awarded after the successful completion of that course.

Students admitted to a Postgraduate Degree must complete the required number of credit hours of courses taught according to a program approved by the College Council.

Students must successfully pass any remedial or other courses during the first academic year. The pre-core courses are not counted towards the GPA, although they appear on student's transcripts.

One semester credit hour of lecture/tutorial is defined as 70 minutes per week for 13 weeks. One credit hour of laboratory is defined as 140 minutes per week for

13 weeks. Customarily, weekly quizzes and mid-term examinations are included in the 13 week semester, with final examinations occurring in a special 14th week set aside just for these exams.

Some programs/courses may be offered in a time-shortened period not less than 6 weeks, often called a term, which nonetheless offers class contact time and out-of-class assignments equivalent to a semester course.

Grade Change

Two events may result in a change of the final grade of the students:

1. A grade appeal request by the student (after an "informal" discussion with the faculty College Dean),
2. An error in calculating the student's grade (after an "informal" discussion with the faculty College Dean).

The time limit for changing a grade is one semester from the date the grades are posted by the Registrar.

Semester Grade Point Average

A student's semester grade point average (SGPA) is obtained by dividing the total quality points earned in a given semester by the total number of credit hours taken in that semester. Quality points of any course are calculated by multiplying the number of credit hours of that course by the earned grade points of the same course.

Courses with grades of "SP", "P", "I", "IP", "T", "W", "WA", and "H" are excluded from computing the SGPA. The semester credit hours for which a grade of "I", "IP" or "H" is assigned are excluded from computing the grade-point average until it is replaced by a letter grade.

Cumulative Grade Point Average

A student's cumulative grade point average (CGPA) indicates a student's achievement in all courses taken at ADU until the end of a given semester. The CGPA is obtained by dividing the total quality points earned from the initial enrollment at ADU to the end of the given semester by the total number of credit hours taken until the end of that semester. Courses with grades "SP", "P", "I", "IP", "W", "WA", and "H" are excluded from computing the CGPA. Courses transferred from another college/university will appear on the student's transcript with a "T" grade and will be excluded from computing the CGPA.

Mid-Semester Advisory Grades

By the end of the seventh week of classes, during each academic semester, mid-semester advisory grades will be submitted by instructors of all undergraduate courses. Valid mid-semester advisory grade entries will include A, B+, B, C+, C, D+, D, F, and P. Grade reports for all students will be made available to the students and the advisors of the students. The University will use the mid-semester advisory grades to identify "at-risk" students and take remedial action.

Transcripts

Transcripts are the chronological, permanent and the most complete student educational record. Incompletes, failures and withdrawals; academic standing and all academic awards; majors, minors and concentrations are recorded thereon.

Students who have not settled their financial tuition/fees or other obligations to Abu Dhabi University will not be issued transcripts.

Grade Appeals

Students have the right to appeal their final grade in a course during the period announced by the Office of the Registrar.

The following is the Grade Appeal Procedure to be followed by the students:

Consultation:

In an attempt to resolve a grade appeal, the student must first meet with the following individuals, in the order listed, to discuss the matter:

1. Faculty member teaching the course;
2. Chairperson of the department in which the course is offered, and

3. Dean of the college in which the course is offered.

The consultation(s) should take place as soon as possible after the final grade or the relevant component grade is released. It is assumed that the department chairpersons and the deans will make every effort to resolve the grade appeal.

In the case of a final course grade appeal, if the matter is not resolved, the student may proceed to the Committee Grade Appeal process as soon as possible, but no later than the start of early registration period in the following regular semester.

Committee Grade Appeal Process:

The student may initiate a Committee Appeal Process by filing the Grade Appeal Form with the Office of the Registrar. The form must be submitted prior to the beginning of the early registration period in the regular semester subsequent to the semester in which the grade in question was given.

The Office of the Registrar will forward the form to the college dean, who will refer the Grade Appeal Form to a committee of faculty selected by the dean. The committee will review the student's performance in the course. This review may include interviews with the student and the faculty member teaching the course. The chair of the committee will forward the grade recommendation to the college dean for final approval. There are three possible outcomes to an individual grade appeal:

1. The original grade is upheld;
2. The grade is lowered relative to the original; and
3. The grade is raised relative to the original.

The decision of the dean is final. The Grade Appeal Form will be returned to the Office of the Registrar to inform the student of the decision.

The entire process should be concluded before the end of the semester during which the appeal form was submitted.

Postgraduate probationary admitted students who are due for dismissal by the end of their first semester may appeal their grades under conditions of this Policy. They will not be allowed, nevertheless, to register in subsequent semesters until their grade appeals are resolved and they meet the Abu Dhabi University postgraduate admission requirements.

Academic Standing

If the student's CGPA drops below 2.00 for the postgraduate professional diploma students and 3.0, for other postgraduate students, he/she will be placed on his/her first academic probation in the following semester.

If at the end of the semester in which the student was placed on his/her first academic probation, the CGPA remains below 2.00 for the postgraduate professional diploma students and 3.0, for the other postgraduate students maintain the student will be placed on his/her second consecutive academic probation.

If at the end of the semester in which the student was placed on his/her second academic probation, the CGPA remains below 2.00 for the postgraduate professional diploma students and 3.0, for the other postgraduate students, the student will be dismissed from Abu Dhabi University for failure to make satisfactory academic progress.

Students under academic probations are allowed to change major only once during the time they are under academic probation, provided they meet the admissions requirements of the new postgraduate degree program.

Student Attendance Policy

When the student's absence in a given course reaches or exceeds 30%, he/she will be withdrawn from the course. Absences will not be waived under any circumstances.

Students will be considered absent if they do not arrive on time for a lesson. Taking attendance will start on the first day of classes and will continue until the last day of classes in the semester.

Warnings will be posted on the Abu Dhabi University Student Portal when a student's absence reaches 10% and 20%. At the 30% absence limit, a withdrawal due to absence (WA) will be posted on the Abu Dhabi University Student Portal.

All attendance rules and requirements apply equally to courses delivered in both face-to-face mode and e-learning/hybrid delivery modes. Students should connect at the start of the session and should remain connected, with adequate engagement and participation for a minimum of 75% of the session duration. If technical difficulties or exceptional circumstances prevent the student from complying with the attendance rule, the student should send an email to the faculty member no later than 24 hours after the session, including any relevant proofs or explanation. Further details regarding application of attendance policy to e-learning courses is provided in the Distance Learning Procedural Guidelines.

The Registrar's Office will accept excuses only from students missing an exam/major assignment due to absence. Students will be permitted to take a make-up exam, if its weight is at least 10% of the course total mark, upon approval of a legitimate excuse.

Evidence for any of the following legitimate excuses will be submitted to the Office of the Registrar on the first day of return to class:

1. Hospitalization,
2. Contagious Disease,
3. Death of an immediate family member (parent, grandparent, sibling, spouse, child),
4. Car Accident,
5. Special assignments (for working students) with prior written approval from the Office of the Registrar,
6. Al Haj

Al Umra is not valid excuse for students to be absent.

In the case of excused absence for a final exam, the student has to apply for an Incomplete (I) grade at the Office of the Registrar within 48 hours of the exam.

Graduation with Honors

ADU grants Latin honors to eligible students graduating from postgraduate programs. The eligibility requirement is to achieve a CGPA of 3.60 or above.

The titles of the Latin Honors and the corresponding CGPA's are as follows:

- Distinction: 3.60 - 3.84
- Distinction with Honor: 3.85 - 4.00

For Professional Post-Graduate Diploma in Teaching, the eligibility requirement is to achieve a CGPA of 3.50 or above.

- Cum Laude: 3.50 - 3.69
- Magna Cum Laude: 3.70 - 3.89
- Summa Cum Laude: 3.90 - 4.00

Honors are listed in the student transcript and the diploma certificate.

Student Academic Classification

*Non-honors Academic Classification for Postgraduates according to student's CGPA upon graduation:

- Good: 3.0 - 3.29
- Very Good: 3.3 - 3.59

*Non-honors Academic Classification for Professional Post-Graduate Diploma in Teaching according to student's CGPA upon graduation:

- Satisfactory: 2.0 - 2.49
- Good: 2.5 - 2.99
- Very Good: 3.0 - 3.49

Distance Learning Procedure

The purpose of the procedural guidelines is to set out general institutional rules and standards for distance teaching and learning at ADU. Distance teaching and learning complies with MoE/CAA regulations, as well as with related ADU policies and procedures.

1. FACULTY AND STUDENT ROLES AND RESPONSIBILITIES:

1.1 Faculty members are responsible for:

1.1.1 Attending all mandatory online teaching training sessions, as well as attending any optional training sessions deemed desirable and/or relevant to subject, college, or identified need.

1.1.2 Preparing course materials to be used during distance delivery. The material will be either ADU-approved course content and material or appropriate external material relevant to the course content.

1.1.3 Observing and abiding by ADU rules and regulations related to academic integrity and intellectual property rights.

1.1.4 Maintaining familiarity and currency with all technical tools, software and techniques adopted by ADU to support distance learning.

1.1.5 Conducting all course sessions as per the official ADU schedule.

1.1.6 Enforcing appropriate conduct and discipline rules and maintaining order throughout all course sessions, and reporting any student misconduct, in line with ADU rules and regulations.

1.1.7 Applying all ADU teaching rules as per traditional delivery mode, and observing the Code of Conduct as outlined in the Faculty Handbook.

1.1.8 Evaluating and monitoring student engagement/active participation in the session, which is a compulsory component in considering attendance for distance learning.

1.1.9 Ensuring that any material required for teaching and learning is made available for the students in a timely manner, either during the session or prior to the session.

1.1.10 Implementing the course assessment strategy for existing courses to ensure students achieve the learning outcomes and ensure quality of student performance.

1.1.11 Developing a teaching, learning and assessment strategy when designing new courses which embeds best-practice instructional design principles for e-learning/hybrid learning.

1.2 Students are responsible for:

1.2.1 Attending all mandatory online learning preparatory training sessions.

1.2.2 Attending course sessions in the same way as conventional face-to-face sessions. Students should connect at the start of the session and should remain connected, with adequate engagement and participation for a minimum of 75% of the session duration. If technical difficulties or exceptional circumstances prevent the student from complying with the attendance rule, the student should send an email to the faculty member no later than 24 hours after the session, including any relevant proofs or explanation.

1.2.3 Ensuring adequate internet bandwidth and a reliable connection. Students should be in a quiet environment conducive to allowing them to focus on the session, use of a headset or earphone is recommended when noise background is present. Students' digital devices must be able to perform the required tasks/activities during the session.

1.2.4 Ensuring their ADU student account is valid and password is updated. Student ADU account is the official credential use in ADU, personal email, or guest account is not permitted.

1.2.5 Awareness of, and adherence to, the ADU Code of Conduct as per the Student Handbook and adherence to all other class rules and regulations. Any student misconduct is to be reported by the faculty member and is subject to standard ADU policies and procedures regulating student behavior. In particular, in a distance learning environment students shall not: • Engage in any one-on-one or sub-group discussions or messages in any topic not related to the course topic. • Share any digital material without the approval of the faculty member.

2. GENERAL PROCEDURAL GUIDELINES FOR DISTANCE TEACHING AND LEARNING:

2.1 Guidelines for Course Preparation – Faculty and Students

Faculty members should be guided by the principle that the content of courses does not differ from the face-to-face norm. However, variation in choice and presentation of course materials as well as different pedagogic skills may be required.

2.1.1 Faculty should:

2.1.1.1 Reframe strategies used to attain identical course learning outcomes as the face-to-face course, using the digital tools available.

2.1.1.2 Determine the type(s) of interactivity needed in course sessions.

2.1.1.3 Select appropriate and relevant media and other course materials, including:

- Printed materials: Textbooks, guided study assignments, website links and other directed reading, library resources, computer programs, written exercises and questions, etc.

- Audio-visual materials: National or local radio or television broadcasts or podcasts, slides, filmstrips, tape recorders etc.

- Digital media: Digital media is digitized content that can be transmitted over the internet or computer networks. This may include text, audio, video, images, graphics, websites, social media, email marketing, video and photos.

ADU faculty are expected to adhere to policy and best practices at all times when utilizing digital media in connection with course delivery. This includes abiding by the following standards:

a. Personal Information

Faculty must at all times respect the confidentiality of media creators and personal information, such as phone numbers, addresses or other location information, should not be shared.

b. Confidential Information

Faculty must be aware and mindful of confidentiality obligations that may apply to certain information, such as financial or research information, and should not post any information subject to such an obligation of confidentiality.

c. Intellectual Property

Faculty must refrain from violating the copyright, trademark, or other intellectual property rights of others, including the University. For further detail, please reference ADU's Copyright Policy.

d. Terms of Service and Acceptable Use Policies

Faculty must follow the individual terms of service set forth by the various digital and multimedia platforms.

2.1.2 Students should:

2.1.2.1 Ensure Microsoft Teams software is downloaded on laptop or desktop computer. Prior to the start of the course, a trial online class meeting will be arranged, students will be advised of the details through email and Bb Announcement.

2.1.2.2 Before each class session, there may be recorded lectures and/or other asynchronous activities to complete. For these, log in to Blackboard, and go to course site page. Recorded lectures will typically be larger in size and in compressed format (.zip files). Save the PowerPoint slides to laptop and begin the slide show for the recording to play. Watch the pre-recorded lecture ahead of live session and note down any questions and queries.

2.1.2.3 Further, the instructor may have created a couple of questions to respond to before the live session, based on the recorded lectures. Students should respond to them on Blackboard ahead of the class or by the deadline set by the instructor.

2.1.2.4 Take some time to read through each of the previous discussion post responses before writing your own response. Submitting an answer or question that is obviously similar to a classmate's response indicates to the instructor that you haven't paid attention to the conversation thus far. Building upon a classmate's thought or attempting to add something new to the conversation will show your instructor you've been paying attention.

3. GUIDELINES FOR COURSE SESSIONS – FACULTY AND STUDENTS

Online distance learning courses are delivered via the Internet using an ADU- supported Learning Management System (LMS). The IMTS Backup Policy applies to backup for the e-learning environment, including digital contents, recorded lectures, recordings of presentations, etc. No on-campus meetings are required. Faculty-student interaction and delivery of course content is achieved fully-distanced. Through regular effective contact, instructor and students interact to complete assignments and assessments and to demonstrate achievement of Course Learning Outcomes.

3.1 Faculty should:

3.1.1 Define and implement strategies for keeping students engaged throughout the session.

3.1.2 Actively engage students using defined strategies, for example, synchronous chats, interactive in-class assignments, asynchronous discussions, quizzes, direct questions etc.

3.1.3 End and recap each class session by summarizing main points, and introducing next session highlights.

3.2 Students should:

3.2.1 For scheduled live, interactive sessions, log in to Microsoft Office 365 with ADU username and password. Meetings will be recorded by the instructor ONLY for educational and statistic purposes. Attendances will be documented as usual.

3.2.2 Ensure the space around is quiet so you are able to follow and participate in your online meeting, lecture, review or assignment without background noise or distraction.

3.2.3 Make sure to have full Wi-Fi signal to avoid any interruption or lagging during the online course. Avoid connecting to free and open WiFi. Don't use mobile data to avoid bad audio quality and delay in video streaming.

3.2.4 Check computer settings to ensure that audio and video work well.

3.2.5 Advise family and ask for their support to provide the right space and a quiet environment for distance learning.

3.2.6 Silence mobile during the online meeting.

3.2.7 Make sure you follow the online class through a desktop or laptop computer, not a smartphone.

3.2.8 Refer to the class schedules, the lecture will run as per usual course timeline. Be on time to avoid disruption and to affect the smooth of the meeting. Attendances will be registered as usual at the beginning and during the online lecture.

3.2.9 Don't take screenshots or photos or video of others during the online meeting while they are in private spaces and/or without their knowledge and consent. Remember this is illegal and against the University's Rules of Conduct.

3.2.10 Note that you will have the same opportunity to meet your instructor online during office hours as usual.

4. GUIDELINES FOR ASSESSMENTS AND EXAMINATIONS

4.1 Course assessment: Colleges have developed course assessment strategies and instruments which meet the course learning outcomes, suitable for distance learning. Recognizing differences between courses, different assessment methods may be used across different courses, such as individual and group projects, open-book examinations, online presentations and case studies etc.

4.2 Online proctored assessment: Online proctored assessment, in similar fashion to a typical examination with an invigilator, will be necessary for some courses. ADU has set a maximum of 45% online proctored exams and quizzes for any course, with the exception of mathematics and statistics courses which can be greater than 45%. In preparation for online assessments students must download the Respondus Lockdown Browser to a desktop or laptop computer with either a Windows or Mac operating system. Tablets or mobile device may not be used. Students will also need either a built-in camera, or a separate USB webcam.

4.3 Grading policy: Courses are subject to the usual Abu Dhabi University letter grading system and the GPA and CGPA calculations.

4.4 Oral assessments: All oral examinations, presentations, capstones and thesis defense will be required to be presented virtually by the students.

4.5 Other assessments: Any of the following additional assessment tools may be employed in distance learning courses:

4.5.1 Online time-controlled quizzes, with multiple choice and/or open-ended questions: conducted in a specific session and for a specific duration, students must complete within the assigned time.

4.5.2 On-line group work, discussions and assignments leading to the submission of a group report by the end of the session.

4.5.3 Individual or group projects, assignments and other tasks to be submitted at a specific date via appropriate platform.

4.5.4 Simulations, practical session, and/or recorded experimentation.

5. GUIDELINES FOR ACADEMIC INTEGRITY – OFFICE OF ACADEMIC INTEGRITY (OAI)

5.1 At the beginning of each semester, the Office of Academic Integrity (OAI) undertakes a comprehensive and detailed multi-layer awareness campaign at all campuses of ADU. The OAI is responsible for:

5.1.1 Providing all faculty and staff members with the relevant information and providing a discussion of the Academic Integrity (AI) Guidelines through the Distance Learning Process in their classes.

5.1.2 Providing all students with relevant information on the AI Guidelines through Distance Learning Process including highlights of steps to avoid AI violations.

5.1.3 Offering AI Information Sessions to all faculty members. The Information Sessions primarily concern AI violations, use of Respondus Lockdown Browser in exams to deter and control cheating, and use of Turnitin software to deter and control plagiarism.

5.1.4 Providing AI video orientation in both English and Arabic languages to all sections of courses taught by the CAS, with the objective of informing the new students. The AI videos focus on educating new students about AI guidelines and providing information about different AI violations and how to avoid them.

5.2 In preparation for final examinations, the following initiatives are taken to prevent and deter AI violations: (*ADU uses the software Respondus Lockdown Browser through Blackboard to provide camera-proctored exams):

5.2.1 Sending emails in English and Arabic languages to all ADU faculty and staff regarding final examinations and related issues, including highlights of the most important topics relevant to the final exams and the ways to prevent/deter violations of AI guidelines during the distance learning process.

5.2.2 Sending emails in English and Arabic languages to all students explaining rules related to the final examinations guidelines and delineating their responsibilities.

5.3 Each reported case of AI violation undergoes a thorough adjudication process which involves seven stages as outlined below:

5.3.1 Receiving reports of the violation/s and requesting supporting documentation;

5.3.2 Collecting and analyzing the evidence by reviewing the Respondus Lockdown Video;

5.3.3 Holding a discovery phase meeting with the student;

5.3.4 Holding the first committee meeting to evaluate the evidence and reach a decision;

5.3.5 Holding appeal committee meeting, where applicable, to reevaluate the evidence and review the decision of the first committee;

5.3.6 Submitting certain cases to Senior Management for special considerations, when applicable; and

5.3.7 Conducting all the necessary communications to the concerned parties.

Exceptions

For any conditions/circumstances and/or exceptions outside the conditions stated in this procedure, a request shall be presented to either Vice Chancellor or Provost for treatment. Either one will advise on what level of approval is required based on the risk involved in approving the exception. The highest authority to address major exceptions is the Chancellor whom will be recommended by the Vice Chancellor or Provost depending on the nature of the procedure

Examination Rules and Regulations

1. Final Examinations for all students will be held as stipulated in the Academic Calendar;

2. Only students registered for a particular course will be admitted into the room for the respective final examination. Students who have exceeded the 30% absence rule, or who have not paid their tuition/fees, or who have been suspended or dismissed from the University will not be allowed to sit for their final examinations,

3. Faculty may examine students using written, practical, or oral tests, by continuous assessment, or by any combination of these,

4. Students who wish to appeal against examination result(s) must follow the grade appeal procedure at the Office of the Registrar;

5. The week before the final exam shall be used for feedback for students to reflect on what they have learned during the semester,

6. If a student has missed an exam for any reason (other than medical reasons as already noted), she/he may appeal to retake the test or exam if extreme justifying circumstances warrant it. A written appeal must describe the circumstances which caused the student to miss the examination, and supporting documentation should be provided where appropriate. Copies of the appeal must be sent to the respective faculty member and to the Office of Research and Sponsored Programs for review and approval.

Rules Governing Final Examinations

1. No faculty may hold a final examination except during the period in which final examinations are scheduled. The final examination times will be posted by the Registrar and will take place immediately following the thirteenth week of the Fall and Spring semesters. The Summer semester final examination schedule will be coordinated within the Summer semester and students will be notified of the given date in advance.

2. No student may be required to take more than two final examinations on any calendar day during the period in which final examinations are scheduled. If more than two are scheduled, the Office of the Registrar will permit a postponement allowing students to sit for such an examination at a later date.

3. Examinations that are postponed because more than two examinations are scheduled on the same day, or because an examination conflicts with another examination or when more than two examinations are scheduled on the same day, may be taken at another time during the final examination period once the faculty member and student both agree on a time.

4. Laboratory work and oral examinations which form part of a final exam are allowed to be taken in the week preceding the period set for the final examinations, but all of the university required written final examinations must be given during the final exam period.

5. No faculty may change the time, date or location of a final exam without permission from the Registrar.

6. No faculty member may increase the time allowed for a final exam beyond the scheduled two hours without permission from the respective Dean and Registrar.

Retention of Final Examinations

Faculty are encouraged to make graded final examinations or papers available to students at the end of the semester. The College will retain a copy of each student's graded final examination/paper and examples from across the range of student performance of graded responses to all assessment instruments of the last two presentations of the course to evaluate program effectiveness.

Student Assessment and Late Coursework Guidelines

ADU believes that quality assessment should both document student success (assessment OF learning) and help students improve and learn better through provision of timely feedback on their performance (assessment FOR learning) and how to improve it. Moreover, faculty should develop assessment methods and tasks that serve both purposes of assessments and target knowledge mastery as well as higher order thinking skills and abilities. In sum, excellence in assessment is integral to achieving excellence in teaching and learning, which is in harmony with ADU vision and mission.

Definition

Assessment is the gathering of evidence of student learning and achievement to guide instructional decisions and aid student learning.

Purposes of Assessment

Assessment serves multiple purposes. It provides feedback to the two main immediate users of assessment information or results: students and faculty.

- Students receive relevant feedback on their performance and how to improve it, and instructors receive feedback on their strategies of instructional delivery. Moreover, assessment results help students to reflect on their learning experience, to adjust their learning strategies and skills, and to identify where they need help.
- Faculty receive feedback which helps them to reflect on their instructional strategies, to make necessary adjustments, to track student progress, and to identify which students need extra help.

Assessment Types

There are three major types of assessment: diagnostic, summative and formative.

- Diagnostic assessment is usually conducted at the beginning of the semester and is used to identify student strengths and weaknesses. It provides

information that can help both students and instructors to build on the strengths and remedy the weaknesses.

- Summative assessment, on the other hand, is usually carried out at the end of the semester and is used to determine the extent to which the students have achieved the course learning objectives or outcomes (grading function). It helps instructors make decisions and judgments for purposes of student promotion and/or graduation. Final exams and projects, among other forms, serve this purpose.
- Formative assessment, in contrast to summative assessment, is conducted throughout the semester and is used to enhance the learning and teaching process. Information provided by this ongoing assessment helps students improve their study skills, learning strategies and achievement, thus support ongoing student progress, and helps instructors diagnose and respond to student needs (development and improvement function).

Assessment Methods

Accurate and sound assessment requires that a variety of appropriate assessment methods be used and aligned with the intended learning outcomes. There are generally two main assessment methods: traditional and alternative/ authentic. The former includes tools such as paper-and-pencil tests and exams while the latter includes tools similar to performance tasks, essays, presentations, projects, practical work, case studies, reports, portfolios. The choice among these tools depends on the discipline, the nature of the individual course as well as the intended learning outcomes.

The following are the assessment tools that ADU faculty members can choose from in assessing their student performance and achievement:

- Tests and exams
- Assignments/homework
- Projects
- Reports
- Presentations
- Essays
- Papers
- Case studies
- Exhibitions
- Portfolios
- Self-assessment
- Capstone course or graduation project
- Performance through observing and judging

Roles and Responsibilities

The task of achieving excellence in assessment requires collaboration among four parties: the Manager of the Center for Faculty Development, College Deans, Department Chairs/Program Directors, Faculty and Students.

1. The role of the Director of the Center for Faculty Development is to plan faculty development activities on student assessment, such as workshops and seminars.

2. The role of the College Dean is:

- to ensure that colleges have their own discipline-specific assessment guidelines and procedures that are consistent with ADU Student Assessment guidelines;
- to ensure that these guidelines and procedures are periodically reviewed; and
- to ensure that departments use assessment results for program improvement.

3. The role of the department chair/program director/ coordinator is:

- to collaborate with faculty members in developing assessment guidelines and procedures that are appropriate to their major fields;
- to ensure that faculty members implement these guidelines and procedures;
- to ensure that faculty members inform students of assessment criteria;
- to review assessment methods and criteria; and
- to ensure that assessment results are used for continuous improvement of learning and instruction

4. The role of faculty members is:

- to inform students at the beginning of the semester of the assessment methods and criteria that will be used in assessing their performance and achievement;
- to provide students with feedback on their performance and how it can be improved. Effective feedback should be provided in a timely and constructive manner and includes both comments and grades.

Late Submission Coursework

The due date for each class assignment or project should be clearly indicated to the students in the course outline.

Assignments received more than two weeks after the due date should not be accepted.

1. Submission dates may be extended in exceptional circumstances. The College or Instructor may use their discretion in approving such requests. Submission of the coursework should not normally exceed the last day of classes.
2. Assignments or projects can be turned in any time up to two weeks after the due date will be graded, but a penalty may be applied.
   a. Assignments submitted at any time up to one week after the due date should have the grade awarded reduced by 2% for each calendar day the assignment is late.
   b. Assignments submitted more than one week but not more than two weeks after the due date should have the grade reduced by 5% for each calendar day the assignment is late.

Academic Advising: Mission and Objective

The Academic Advising office was founded in 2011 as one of Abu Dhabi University's strategic initiatives to support students in achieving their potential and academic goals.

The mission of Abu Dhabi University Academic Advising Office is to guide and support students during their academic journey to ensure they succeed in achieving their goals and career plans. This is done through constant and consistent communication with each student by forming a partnership with faculty mentors and academic advisors to create and maintain a solid foundation of engaged learning, an inner drive for proactive participation, and a strong sense of personal responsibility.

Main Objectives of the Academic Advising office:

1. Develop academic programs that are consistent with students' goals and actual strengths to support them in the challenge of making plans and taking decisions that are relevant to their interests and appropriate to their level.
2. Advise and assist students with respect to ADU policies and procedures.
3. Provide accurate and timely information regarding university requirements, policies, and procedures.
4. Guide and motivate students in developing themselves and taking more responsibility for planning their own academic career.
5. Act as a focal point between the students and the University in order to ensure that the students fulfill all their academic requirements.

Responsibilities of Academic Advisors:

1. Advise and assist students with respect to ADU courses and programs.
2. Assist students with registration issues and offer guidance with course selection.
3. Identify options for students to satisfy specific degree requirements, evaluate and make recommendations on petitions, and make adjustments to the student's study plan.
4. Evaluate the students' level of development and uphold their growth by assessing the key factors and generating the required reports when necessary.

The Role of the Faculty Mentor:

Here in Abu Dhabi University, we are deeply committed to helping you succeed in college.

The faculty mentoring initiative is one such endeavor. It is designed to make your transition to college a smooth one. In the beginning of your freshman year, a faculty mentor will be assigned to you from University College. In your sophomore year, you will be assigned to a faculty mentor from your major.

The Faculty Mentor will:

1. Provide information about degree programs to aid students in making informed decisions regarding their majors and minors.
2. Deliver general guidance related to the student's field of interest.
3. Assist students with their choices of majors and minors.
4. Mentor students throughout their academic journey in ADU
5. Provide comprehensive feedback regarding students' performance.
6. Meet the students with academic support to monitor their progress and recommend the support needed for their academic development.

Responsibilities of Students:

Successful advising is subject to a number of factors; all of which contribute to the overall success of a student. It is dependent on the shared understanding of, and commitment to, the advising process by students, advisors, and the university. Students will be informed of their academic responsibilities in the advising process.

The responsibilities of students include:

1. Recognizing the importance of the relationship with their advisors.
2. Getting the necessary information needed to understand degree requirements in their respective degree program.
3. Seeking the assistance of advisors/faculty mentors or other university resources on a regular basis.
4. Keeping their assigned advisors/faculty mentors informed of any academic difficulty and challenges they may be facing.
5. Taking full responsibility of their decisions in accordance with the best advice and information given.

Advising student with Academic Support Notice:

Prior to the beginning of the registration period for each regular semester, an advising hold is placed on the record of each enrolled undergraduate student who has completed 16 credit hours and above with a cumulative GPA below 2.5. The advising hold prevents a student from registering for courses in the subsequent semester or term. The advising hold for any student can only be removed by the student's academic advisor of his/her college.

In order to be eligible for removal of an advising hold, each relevant student must make an appointment for an advising session with his or her academic advisor through the University's electronic advising system and must attend the advising session. The student should prepare a proposed set of courses for the relevant semester and/or term prior to the advising session.

The student's academic advisor must record the substance of the advising session in the University's electronic advising system, including the agreed upon set(s) of courses the student will take in the subsequent semester and/or term. The advisor will remove the advising hold in view of the student at the end of the advising session.

Advising Tools, Purpose And Design
A variety of advising tools are provided to promote efficient and effective communication between students and advisors.

1. Academic Advising Website

a. Advising webpage for each college.

b. Registration guidelines.

c. The study plan should be more detailed and specific.

d. Inclusion of the Advisor Handbook (soft copy);

e. Information about the Professional Advisors, and their office timings.

2. Student Online Account

a. Recommended Plan of Study - standard plan for every student of that particular major.

b. Plan of Study In-Progress- includes the courses that have been completed in a particular semester until date and GPA.

c. The assigned Professional Advisor details indicating instructor's name, qualifications, office extension, office room number/address, office hours, e-mail ID.

d. Link to access a pdf file of the student handbook.

e. A list of minors and electives being offered.

The system should be able to automatically generate the student's final exam schedule considering the courses taken in that particular semester rather than providing the complete list of all courses and all the exam dates.

f. The system should be able to automatically generate the student's final exam schedule considering the courses taken in that particular semester rather than providing the complete list of all courses and all the exam dates.

g. The system should include a step-by-step tutorial for all students to make them familiar with the registration and advising processes.

3. Academic Advising Manuals

a. Introduction to Academic Advising;

b. Registration guidelines;

c. Placement tests;

d. Information of the respective college;

e. Courses offered;

f. A detailed Study Plan according to each discipline;

g. Information about the Professional Advisors, and their office timings;

h. Campus Academic Support services and Resources.

4. Online Academic Advising/Faculty Mentoring Forms

a. Academic Advising forms – The one to one advising meetings between the academic advisors and students are recorded through on line e-advising forms. A system generated report which summaries the outcomes of the meetings is emailed to the advisor and student advisee's ADU mail accounts.

b. Faculty Mentoring forms - The one to one mentoring meetings between the faculty and the students' mentees are recorded through the on line e-mentoring forms. A system generated report which summarizes the outcomes of the meetings is emailed to the faculty mentor and student mentee's ADU mail accounts.

5. Interactive CDs, DVDs or Minimal PDFs (for newly enrolled students)

a. Detailed Study Plan for each discipline;

b. General Education planner;

6. Power Point Slides (for orientation sessions)

a. General information about Abu Dhabi University;

b. Information about UC, CAESS, COBA, COE;

c. Courses offered in each college; and

d. Detailed Study Plan for each discipline.

Tuition and other Fees

Tuition is based upon the college and/or department classification as opposed to the course classification or level. Tuition rates for undergraduate students vary from the tuition rates for graduate students. Costs of books and supplies are not included in the tuition and fees. Students at Abu Dhabi University are also required to pay certain fees and other costs to attend the university.

Abu Dhabi University reserves the right to change tuition and fee rates at any time with one semester advanced notice to students. A tuition schedule is published prior to the start of each academic year.

University institutional policy requires all students to pay tuition fees in advance. Failure to pay tuition fees by designated deadlines may result in a student to be administratively dropped from one or more classes. Students who have been dropped can re-enrolled again, but a late payment fee of AED 500/- applies.

Students who owe money to the institution will not be allowed to register for the subsequent semester until the balance owed is paid in full.

Payment

Tuition and fees are due upon registration. Students can pay cash directly at any branch of Abu Dhabi Islamic Bank or by bank transfer or online using Student self-service. Tuition and fees may also be paid by cash, checks, and valid master or visa credit cards in the Abu Dhabi University Finance office.

Cash Payment at the Bank

If you wish to pay in cash, please follow the following steps to make the payment to Abu Dhabi University Account No. 13417198 at any of the Abu Dhabi Islamic Bank branches:

- Access the Abu Dhabi University Student Portal.
- Enter your user name and password.
- Click on registration and choose Register in courses.
- Make sure you have finalized your registration.
- Click on the link to display the schedule then make a print out.
- Submit the print out to any of the ADIB branches.
- Deposit the full amount into Account No. AE760500000000013417198.
- Keep the ADIB deposit slip.
- If within 48 hours, the amount paid does not appear in your statement of account, please check with the Abu Dhabi University Finance Department with your ADIB deposit slip.

Online Payment

Online payment is available through the Abu Dhabi University website www.adu.ac.ae,

- Log in your ID number and password at E-Services,
- Click self service then go to Student Centre to view the due amount and press make a payment,
- Enter the amount desired to pay on each item, to calculate the total amount click calculate grand total. After checking the total amount, press next to continue.

Note: The system will not allow you to enter decimal while online Payment, you need to make sure to enter the amount without decimals.

- Read the agreement and tick the box if you agree, click pay online to proceed.
- Select the type of card to use (Master card or Visa Card).
- Enter the card number, the expiry date and the security code then click pay to continue.
- Transaction details will appear then click finish to proceed.
- Lastly, a payment confirmation message will show, click ok to complete the payment.

Plans for Tuition Payments

Each student who enrolls at Abu Dhabi University must choose one of the following plans and finalize the arrangements with the Finance Department:

• Option 1

Pay in Full

Full payment is due during the first week of registration.

• Option 2

Two Installments

The first payment is 50% of the total tuition fees due during the first week of registration and the second is a post-dated cheque two months after the first payment. A collection fee of 130 AED will be charged.

• Option 3

Four Installments

The first payment is 25% of the total tuition fees during the first week of registration with three monthly post-dated cheques. A collection fee of 390 AED will be charged.

Note: Once a student pays by Post-dated Cheques, he/she cannot exchange any of them with cash or another cheque; all received cheques will be deposited directly to the bank on the date stipulated on the cheques.

Refund

Refund Fees

1. A refund processing fee of AED 100/- is charged to students who drop courses during the refund period and decide to receive a cheque for the refunded amount. If the student decides to keep the amount in his/her account, no fee will be charged.
2. Any overpayment amount will remain in the student account and will be deducted from next semester's fees. If a student wants a refund of the account balance, three cases are possible:
   a) If the overpayment is less than AED 2,000/-, no refund will be made on a priority basis, but should occur in about 15 working days.
   b) If the overpayment is equal or higher than AED 2,000/-, the refund will be made on a priority basis, within 5 business days.
   c) If a student is:
   - graduating the same semester, or
   - withdrawing from the University, or
   - receiving scholarship or sponsorship support, then his/her overpayment balance will be refunded at no extra charge and given priority service.
3. No refund processing fee will be charged if Abu Dhabi University decides to cancel the class.

Refund Period

1. The refund periods for students in the Fall and Spring semesters are as follows:
   a) 100% refund during the first academic calendar week;
   b) 75% refund during the second academic calendar week; 15% admin fees will apply
   c) 50% refund during the third academic calendar week; 15% admin fees will apply and
   d) 0% refund as of the fourth academic calendar week.

2. The refund periods for Summer courses for students are as follows:
   a) 100% refund during the first and second days of classes;
   b) 75% refund during the third and fourth days of classes; 15% admin fees will apply
   c) 50% refund during the fifth and sixth days of classes; 15% admin fees will apply; and ,
   d) 0% refund after the above period.

Fees Structure - AED

Postgraduate Tuition and Fees	Frequency	Fees	
		Abu Dhabi	Al Ain
College Arts and Science			
Professional Post-Graduate Diploma in Teaching	Per credit hour	1050	1050
Master of Education in Leadership	Per credit hour	2940	2940
Master of Science in Special Education	Per credit hour	2940	2940
MA Digital Comm and Technology	Per credit hour	2940	2940
M Ed. Educational Tech. and AI	Per credit hour	2940	2940
PhD Education	Per credit hour	4620	4620
College of Business			
Master of Business Administration	Per credit hour	2940	2940
Master of Human Resources Management	Per credit hour	2840	2840
Doctor of Business Administration	Per credit hour	4620	-
Master of Science in Finance	Per credit hour	2940	-
MSc Financial Technology	Per credit hour	2940	2940
MSc Strategic Digital Transformation	Per credit hour	2940	2940
College of Engineering			
Master of Engineering Management	Per credit hour	2940	2940
Master of Science in Computer Science	Per credit hour	2835	-
Master of Project Management	Per credit hour	2940	-
Master of Civil Engineering	Per credit hour	2835	-
Master of Science in Information Technology	Per credit hour	2835	-
Master of Science in Electrical and Computer Engineering	Per credit hour	2835	-
Master of Engineering in Electrical and Computer Engineering	Per credit hour	2835	-
Master of Science in Sustainable Architecture	Per credit hour	2835	-
MSc Artificial Intelligence	Per credit hour	3250	3250
MSc Cybersecurity	Per credit hour	3250	3250
PhD Intelligence Systems Engineering	Per credit hour	4620	4620
PhD Engineering Management	Per credit hour	4620	4620
Guided Reading Course	Per credit hour	2100	-
College of Health and Sciences			
MSc Clinical Psychology & Mental Health	Per credit hour	3000	-
Master of Public Health	Per credit hour	2940	2940
College of Law			
Master of Law	Per credit hour	2970	2970

Master of Law Cyberlaw and AI (English)	Per credit hour	2970	2970
PhD in Law	Per credit hour	3750	3750
Admission Fee			
Admission Application - (Non-Refundable)	One Time	400	400
Registration - (Non-Refundable, paid once upon admission)	One Time	2850	2850
Registration - Professional diploma in Teaching (Non-Refundable, paid once upon admission)	One Time	2000	2000
Institutional TOEFL + Write Placer	One Time	585	585
IELTS On Computer (IoC)	One Time	1325	1325
IELTS On Paper (IoP)	One Time	1225	1225
Late Registration/Payment Fee	Upon Occurrence	500	500
Healthcare Service Fee	Per Semester	110	50
Healthcare Service Fee	Per Summer/Winter	55	25
Student Services	Per Semester	350	350
Student Services	Per Summer / Winter	175	175
Accommodation Fees – Only in Abu Dhabi			
Private Single Occupancy with Bath and Kitchen	Per Semester	12500	-
	Per Summer/Winter	3800	-
	Per Day	130	-
Semi-Private Single Occupancy with shared Bath and Kitchen	Per Semester	9200	-
	Per Summer/Winter	2800	-
	Per Day	100	-
Double Occupancy with Bath and Kitchen	Per Semester	6700	-
	Per Summer/Winter	2000	-
	Per Day	70	-
Double Occupancy with Shared Bath and Kitchen	Per Semester	5400	-
	Per Summer/Winter	1700	-
	Per Day	55	-
Dorm Clearance Penalty	Per Occurrence	200	-
Dorm Late Registration fee	Per Occurrence	200	-
Other Fees – Both campuses			
Degree Attestation Fees	Upon Graduation	180	
Graduation Fee	Upon Graduation	1,320	
Locker Deposit	One Time	200	
Locker Rent	Per Semester	65	
CoE Locker Rent	Per Semester	140	
CoE Locker Rent	Per Summer/Winter	35	

ID Replacement	Any time/upon student's request	65
Official Transcript	Any time/upon student's request	55
Official Letter (Estimated Tuition Fee)	Any time/upon request	50
Enrollment Letter	Any time/upon student's request	30
Locker Key Replacement	Any time/upon student's request	100
Penalty Bounced cheques	Per cheque	500
Post-Dated Cheques	Per cheque	130
Repatriation Deposit - Refundable	One Time	5560
Residence Visa (Applicants inside UAE)	One Time	1400
Residence Visa (Applicants outside UAE)	One Time	750
Visa Transfer	One Time	-
Visa Renewal	Per Occurrence	550
Visa Cancellation (ADU has the passport)	One Time	360
Visa Cancellation (ADU doesn't have the passport)	One Time	325
Student Health Insurance	Per Year	1021
Maintenance Deposit - Refundable	One Time	1000
Door Cylinder Replacement	Upon Losing Door Key	200
Lost Diploma Fees	Occurrence	300
Certified True copy of the Graduation Certificate	Upon Graduation	100
Parking Sticker	Per additional sticker	25
Parking Fines	Per Occurrence	200
Courier Fees (Local)	Any time/upon student's request	70
Courier Fees (International)	Any time/upon student's request	200
Internship Penalty	Per Occurrence	500
Intensive Business English	One Time	1000

Abu Dhabi University reserves the right to make changes affecting Tuition, Fees and other testing fees during the year.
The maximum annual limit for any fee increase is 5%.

Discount for Abu Dhabi University Alumni Students

Abu Dhabi University alumni who return to continue their graduate studies at the Masters level at Abu Dhabi University will be entitled to a 20% discount on tuition fees.

Eligibility Requirements:

To maintain the discount, a minimum CGPA of 3.0 in the Master level program is required.

Rules and Regulations

The following rules and regulations shall apply to master level tuition discount for returning Abu Dhabi University students:

a) Tuition discount applications should be submitted at least two weeks prior to the start of the semester for new students.

b) In the case where a student qualifies for more than one discount, scholarship or financial aid benefit, the student shall avail of the benefit with the highest value.

c) In any semester where the minimum required CGPA is not met the student will lose the discount for the following semester. However, if the student CGPA reaches the minimum required level again, the discount will be automatically reinstated.

d) Any student who is found guilty of a student code of conduct violation or an academic integrity offense will forfeit the discount for all subsequent semesters

Merit-Based Tuition Discount

Students with an undergraduate CGPA of at least 3.5 (or equivalent) who pursue their graduate studies at the Masters level at Abu Dhabi University will be entitled to a 25% discount on tuition fees.

Eligibility Requirements:

To maintain the discount, a minimum CGPA of 3.5 in the Master level program is required.

Rules and Regulations

The following rules and regulations shall apply to the merit-based master-level tuition discount:

a) Tuition discount applications should be submitted at least two weeks prior to the start of the semester for new students. In the case where a student qualifies for more than one discount, scholarship or financial aid benefit, the student shall avail of the benefit with the highest value.

b) In any semester where CGPA drops below 3.5 the student will lose the discount for the following semester. However, if the student CGPA reaches 3.5 or above the discount will be automatically reinstated .

c) Any student who is found guilty of a student code of conduct violation or an academic integrity offense will

forfeit the discount for all subsequent semesters.

STUDENT AFFAIRS DEPARTMENT

Student Affairs Department is primarily student-focused with an emphasis on holistic, experiential, and developmental learning. The department is directly managing the following programs:

ADUCONNECT

ADUConnect is a student engagement platform that helps students and alumni explore campus life like never before. Effortlessly, students can register for upcoming events and join exciting clubs. Explore this fantastic platform through https://connect.adu.ac.ae/.

Co-curricular Transcript

Unlock your potential with ADUConnect's innovative Co-curricular transcript which integrates AI to showcase your graduate skills and boost your employability after graduation. Explore this fantastic platform through https://connect.adu.ac.ae/.

Sports & Wellness Office (SWO)

The Sports & Wellness office (SWO) provides various sports competitions and wellness programs to students who will have an opportunity to enhance their physical and mental well-being, while improving essential life skills.

Fitness & Wellness Program

The sports and wellness team leads various exercise and nutrition seminars that inform our community about the latest exercise and nutrition trends to help them meet their individual goals. Each year we organize various fitness, sports events and competitions.

Campus Gyms

Both AD and AA campus have two, top-notch gym facilities featuring state-of-the-art equipment from Technogym and Cybex. Each gym contains three main zones: Olympic weightlifting zone, cardio zone and a freestyle workout zone catered to all fitness levels and abilities. Learn more about GYM usage and access by access by visiting the Student Affairs office.

Stallions Sports Complex

2019 marked the unveiling of a new sports complex for AD campus. A 15,000 m2 sports complex with a full-size multipurpose court, fit for basketball & volleyball, one full size tennis court, one full size padel court, a 4-lane 400m running track & a "FIFA Quality" certified astro-turf football pitch. In addition to this, ADU Campus contains a full-size cricket field (Male side of the campus), a 5-aside football pitch and a second outdoor multipurpose court on the female side of the campus (including badminton court).

Varsity Program

All of these facilities host the varsity teams of the ADU Stallions, which consist of three male teams, four female teams, and two clubs (Male Tennis Club and Male Volleyball Club). All varsity teams compete at the highest level in the UAE University Games League and Abu Dhabi Sports Cup (ADSC) League, also known as the ADEK League, and host in-house sports tournaments and competitions. Additionally, the sports and wellness office conduct a yearly fitness testing and assessment of all ADU registered athletes.

Employability and Alumni Relations Office

The Employability & Alumni Relations Office provides an all-inclusive approach to career development beginning with career awareness and career decision making and aims at helping students and graduates in developing, evaluating and executing their career plans. The Employability & Alumni Relations Office focuses on experiential education opportunities throughout the academic year in tune with the requirements of the UAE labor market. The Employability & Alumni Relations Office offers a range of services:

Career Assessment

The office offers a career and education planning system for prospective students and current ADU students. Customized with ADU's majors, prospective students are guided through a reliable, intuitive career & education decision-making model to help them choose majors offered at your college, and current students can explore occupations & make informed career decisions. The Career and Education Planning System engages students in the career planning process helping them to plan for and achieve career success throughout their lifetime.

Career Planning Readiness

Assesses students' involvement in the career planning process and introduces activities that support career and education decision-making.

Self-Assessments

Reliable and valid research-based assessments. Prospective students' assessment results are matched to occupations and supporting majors at ADU.

Take Action Plan

Students create a road map of their academic and career development activities.

Career Portfolio

Summarizes students' assessment results with their preferred majors and occupations, and personal comments/rankings, goals and achievements.

Career Guidance

Career Guidance and Advising is offered to students and fresh graduates who have career inquiries and assists them in improving their strategies in achieving their career goals through a series of practical and effective action plans.

Students can book automated one-on-one sessions with the Employability & Alumni Relations Office's certified career advisors. Students are encouraged to increase their employability skills by attending the variety of career development workshops provided during each semester. Workshops include: Resume and Cover Letter Writing, Professional Emails, Creating LinkedIn Profiles, Job Search Strategies, Successful Job Interviewing, and more.

Internship

The Internship program provides students the opportunity in bridging their academic knowledge with practical application and actual work experience. Internship constitutes a valuable part of the student's graduation requirements. As such, it is considered an important and natural extension of Abu Dhabi University's role in helping students increase their employability. By undertaking supervised compulsory training courses, students will have the opportunity to put into practice what they have learned in theory.

The internship is a supervised, practical training program over a specific period and that which carries credit. The Employability & Alumni Relation's Office offers assistance to students requiring internship placements. Whenever possible, students are encouraged to seek and arrange their internship as part of their job search training. Undergraduate students,, who meet a pre-specified CGPA and number of credit hours completed, are eligible for an internship. Assessment is based on the evaluation of the college mentor and company supervisor evaluation, student commitment, and internship reports prepared by the intern.

Job Board

The Employability and Alumni Relations Office's job board is regularly updated with opportunities available with our industry partners. The jobs posted there are across a wide variety of industries. The job board is available to all students and alumni who are seeking employment.

The job board can be found at: https://sa.adu.ac.ae/jobboard.

Career Fairs

The Employability and Alumni Relations Office hold targeted career fairs for each university college i.e. College of Business Administration, College of Arts, Education, and Social Sciences, College of Law, College of Engineering, and college of Health Sciences. Targeted career fairs are designed for students and graduates to meet directly with top regional and international employers. This initiative benefits both the students and the employees as it targets potential candidates and employers for specific majors. The career fair is an opportunity for students to introduce themselves directly to prospective employers, apply for fulltime or internship opportunities, and find out more about their graduate programs.

Employer Campus Visit Program

The ADU Employer Campus Visit Program is a great way for students and alumni to interact with employers. Each employer has a dedicated day on the ADU Campus to give the employer a more exposure, focus, support and a better chance for students and graduates to meet employers and learn about available opportunities. Participating companies are required to have specific internships, full or part time employment or sponsorship opportunities available for ADU students and graduates.

The ADU Employer Campus Visit Program welcomes employers to:

- Allocate a stand on campus to meet ADU students and graduates.
- Offer job interviews / Tests for vacancies (Full time & Part time Jobs, Sponsorships, Internships and Voluntary work).
- Share information and hold Information sessions.
- Host Career Workshops.

On-Campus Student Employment Program

The Student Practical Training (SPT) Program provides short-term on-campus training to students who desire to acquire valuable work experience as part of their education experience, which qualifies them for financial incentives to support their educational expenses. ADU is committed to providing fair opportunity to all students. Students can check the eligibility criteria and apply through this link: https://ss.adu.ac.ae/spt.

Alumni Engagement

Alumni engagement begins at inception. Once students join the University, their relationship with ADU grows, and the strength of this relationship will define and shape their future success. The Employability and Alumni Relations Office is committed to maintaining long-lasting relationships with our alumni, and we accomplish this by forging connections through various programs and resources.

Alumni Reunion: We hold campus and college reunions throughout the year to give our alumni the chance to reconnect and network with faculty, staff, and fellow alumni.

Alumni Academy: This initiative focuses on providing professional development oppurtunities for our graduates, around a range of topics related to their previous programs of study, career guidance for new graduates, and other topics, which contribute to their personal and professional growth.

Alumni Spotlight: We highlight our alumni success stories, to learn more about their careers and other achievements and updates that they would like to share with the community.

Alumni Card: Alumni have the privilege of carrying an ADU Alumni card, which provides a variety of discounts within the community and grants access to ADU campuses and facilities.

Alumni Talks: We are proud to invite our alumni as guest speakers and hosts for our events where they share their experiences and advice as entrepreneurs and industry leaders.

Alumni Network Groups: ADU graduates are encouraged to join our online communities, to network and connect with other alumni, while learning more about alumni events, job opportunities and more. ADU Groups and the LinkedIn ADU Alumni Network, are the main platforms that keep our alumni community connected.

Student Engagement Office (SEO)

The Student Engagement Office is a student-centered department that works in unison with various student bodies, clubs and groups to enrich ADU's community with an expansive variety of culture, social activities, arts, environmental awareness and leadership opportunities. SEO is always looking forward to create a vibrant campus life and to engage students with exciting new activities and events that occur on & off campus. Programs that represent the aim of the office are the following:

- **Student Council Program**

This elite body of elected individuals offers a strong bridge of communication between the student body and ADU's management. The SC ensures that they embrace the needs of their fellow students to assist in understanding and suggesting significant developments at Abu Dhabi University. The Student Council undertakes a variety of training programs to enhance leadership and management opportunities once they graduate from ADU.

- **Clubs Program**

There is an extensive and varied menu of clubs for students to become active and involved in on campus ranging from arts, culture, and humanitarianism to professional and social. The clubs are designed to motivate Abu Dhabi University students and provide them with opportunities to expand their leadership skills. There is also the opportunity to suggest and create new clubs and for students to illustrate their culture, interests, and passions.

- **Leadership & Volunteer Program**

Students are encouraged to volunteer in SEO, ADU and the surrounding community while also working with corporate organizations through cross-generational work and CSR initiatives. Several tiers of 'leaders' are supported and will be given rewards through training, development, university exchange and international volunteering opportunities.

Also included in SEO's signature programming are leadership and empowerment workshops. Students are given the opportunity to make informed and proactive decisions therefore, implementing positive change in their own lives, healthily spilling over into their ADU community.

SEO assist the faculty and administration by helping students create their best self and strives to become a leading model of innovative and creative approaches for student-centered initiatives as we deliberately grow to meet the expanding needs of our splendidly diverse student body and the greater community.

Student Support Office (SSO)

The Student Support Office is a prominent division within the Student Affairs Department, entrusted with the provision of comprehensive non-academic support services to students. Our team consists of highly dedicated, experienced, and specialized professionals who are committed to delivering an exceptional experience to students throughout their tenure at Abu-Dhabi University.

The Student Support Office is committed to provide

students with a seamless university experience through an easy access to all its services from a digitized portal where students can avail any of the available services anytime and anywhere. Use this link to explore our services: https://ss.adu.ac.ae/.

Code of Conduct

The Student Code of Conduct is established to foster and protect the core mission of the University, to foster the scholarly and civic development of the University's students in a safe and secure learning environment, and to protect the people, properties and processes that support the University and its mission. Filing a code of conduct case against a student can be done through: https://ss.adu.ac.ae/code_of_conduct .

Abu Dhabi University Expectations

Abu Dhabi University is committed to being an academic community. This includes care, cooperation and adherence to standards of behavior for all who are part of this community. For this community to flourish, the following expectations of behavior have been established:

1. Abu Dhabi University expects responsible conduct by students and student organizations, both on and off campus, as a necessary condition for continued membership at Abu Dhabi University.
2. Students and student organizations are expected to be responsible members of a diverse community, and honor and respect differences of culture, lifestyle, and religion.
3. Academic integrity and honesty are basic values of the University. Students and student organizations are expected to follow the student code of conduct standards of academic integrity, and honesty listed in ADU's Student Academic Integrity Policy.
4. The ADU campus, its grounds, facilities and equipment are provisions for students of ADU. Students and student organizations are expected to respect and use them responsibly. This includes the use of the library, residence halls, classroom buildings, laboratories, and the campus as a whole.

Student Rights

As members of the University Community, students can reasonably expect all of the guarantees and protections which include the right to:

1. A fair process, guaranteeing both substantive rights and equitable procedures in all matters pursuant to the Student Code of Conduct;
2. Remain free from discrimination on the basis of race, ethnicity, gender, age, religion, creed, national origin or disability;
3. Engage in inquiry and discussion, to exchange thought and opinion, and to speak or write on any subject in accordance with federal and local laws;
4. Readily access established university policies and procedures; and
5. Have protection from unreasonable search and seizure.

When a student/organization is charged with a violation of the Student Code of Conduct, that student/organization has the right to:

Receive advance notice of the alleged violation, be informed of who to contact for a meeting, and the date by which the contact must occur;

Present his/her version of the events in question;

Be accompanied by an advisor or parent. (The advisor or parent may not speak or participate directly in the conduct process. This includes questioning witnesses or making arguments on the student's behalf);

Have witnesses who present information on his/her behalf;

Question any statements or witnesses presented;

Challenge the objectivity of the hearing body in case of conflict of interest; and

• Appeal the outcome of hearing on the following grounds:

a. the procedures under which the student/ organization is charged are invalid or not followed;

b. the student/organization did not have adequate opportunity to prepare and present a defense;

c. the evidence presented at the hearing was not substantial to justify the decision; or

d. the sanction imposed was not in keeping with the gravity of the violation.

Student Responsibilities

The following acts are prohibited and may result in disciplinary actions:

1. Acting or conducting oneself in a way that obstructs or hinders the application and enforcement of the Student Code of Conduct;
2. Trespassing, forcefully entering university-owned, leased or controlled premises without permission;
3. Destroying or vandalizing personal and/or public property;
4. Unauthorized use of computer system or access codes;
5. Stealing property, including intellectual property, of the university, its members, or visitors;

6. Knowingly giving false information to an Abu Dhabi University official;
7. Willfully failing to comply with reasonable directions of university officials (i.e. faculty, staff and other employees of Abu Dhabi University);
8. Committing an academic offense listed in the Student Academic Integrity Policy;
9. Disrupting classroom activity and other university functions;
10. Disrupting the operations of the university by an action or combination of actions that interfere or prevent others from freely participating in an activity or program given by the university; and
11. Violating safety regulations such as:

    a. falsely reporting a fire, bomb, or any other emergency;

    b. unauthorized possession, use, or alteration or tampering of any university-owned emergency or safety equipment;

    c. failing to evacuate a building or other structure in case of fire or emergency; and

    d. taking any action that creates a risk that potentially compromises the safety of others;

12. Possessing fireworks, firearms, weapons or other explosive devices;
13. Threatening or causing physical or mental harm to others;
14. Harassing or causing a hostile environment within the university community;
15. Abusing the Student Code of Conduct system. This includes but is not limited to:

    a. knowingly filing a false statement or accusation against another person;

    b. disrupting or interfering with the orderly business of a conduct proceeding;

    c. failing to attend a conduct meeting;

    d. discouraging an individual's participation in or accessing the student conduct process;

    e. intimidating witnesses or participants of the conduct process;

    f. failing to comply with the sanctions imposed under the Student Code of Conduct; and Student Code of Conduct; and

    g. violating the terms of a conduct sanction

16. Misusing or stealing university documents;
17. Violating the student notice posting policy;
18. Petitioning to change decisions made by Official University personnel
19. Assisting or inciting others to violate the Student Code of Conduct;
20. Littering and inappropriate disposal of refuse;
21. Demonstrating within or outside of the university;
22. Contacting media (includes but not limited to news, radio, newspaper or television) without prior approval from University Management;
23. Printing or releasing any information about the university without prior permission from the Office of Student Support Services;
24. Failure to provide security guards with personal identification and appropriate documentation when requested;
25. Insulting or disrespecting a university faculty or staff member;
26. Writing inappropriate emails or messages to ADU students, staff or faculty members with aggressive, unacceptable or harsh tone.
27. Raising voice, shouting or loudly talking using unacceptable tone with students, staff or faculty members.
28. Physically attacking university faculty, staff, visitors, or fellow students;
29. Inappropriate physical contact or any intentional touching of any body part, and indecent exhibition of intimate parts of the body;
30. Gambling on university premises;
31. Recording, storing and distribution of images without the person's consent;
32. Promotion of hostile behavior, communication of obscene language, intent to damage reputation by an individual or group through use of technology, but not limited to, websites, social networking sites, phones and emails;
33. Impersonation by pretending to be another person for any purpose or using another student ID for any purpose;
34. Failing to report lost or found items to the concerned department;

35. Violating any of ADU Policies or Procedures
36. Violating any UAE law.

Smoking

Smoking is not permitted in any University premises, public spaces and hallways of residences owned and managed by Abu Dhabi University at any time, by any person regardless of their status or business in the University:

- All building entrances will be non-smoking areas;
- Smoking will only be permitted in designated areas which are signposted;
- "No Smoking" signs will be posted at all entrances and appropriate locations by the Office of Safety & Security;
- This policy applies even in the absence of posted "No Smoking" signs.

Visitors

All visitors, contractors, and suppliers are required to abide by the No Smoking Policy. Security Officers are expected to inform students or visitors of the no smoking policy. However, they are not expected to enter into any confrontation which may put their safety at risk.

Vehicles

Smoking is not permitted in University vehicles or any other vehicles being used on University business.

Drugs

Abu Dhabi University prohibits the unlawful manufacture, distribution, dispensation, sale, possession or use of any drug by any of its students, employees in its workplace, on its premises or as part of any of its activities. This policy is intended to supplement and not limit the provisions of any other related policies.

For this policy, the term "drug" includes:

- Controlled substances, as defined in UAE laws, which cannot be legally obtained
- Legally obtainable controlled substances which were not legally obtained, including:

1. Prescribed drugs when the prescription is no longer valid;
2. Prescribed drugs used contrary to the prescription;
3. Prescribed drugs issued to another person.

Alcohol

Abu Dhabi University prohibits the dispensing, selling, supplying and consumption of drugs or alcoholic beverages on University property. Employees, students, faculty and campus visitors may not unlawfully manufacture, consume, possess, sell, distribute, transfer or be under the influence of alcohol, illicit drugs or controlled substances on University property, while driving a University vehicle or while otherwise engaged in University business.

University property, as defined in this policy, includes all buildings and land owned, leased, or used by the University, and motor vehicles operated by employees, including personal motor vehicles, when used in connection with work performed for or on behalf of the University. On exception to the prohibited consumption of alcohol is the personal residence of an employee that is leased or owned by the University and where the occupant has a liquor license.

Disciplinary Action

Violation of the above University policy will be subject to campus disciplinary review and action, as follows:

Students:

The University community has established expectations for academic and non-academic students who address the illicit use of alcohol and other drugs as follows:

The following behaviors contradict the values of the University community and are subject to action under this Statement:

- Illegally possessing or using alcohol.
- Illegally distributing, manufacturing, assumption or selling alcohol.
- Illegally possessing or using drugs.
- Illegally distributing, manufacturing, consumption or selling drugs.

The Statement is administered by the Safety & Security Office. The department along with the Vice Chancellors office is charged with facilitating the resolution process used to determine responsibility.

These measures cover a wide range of educational assignments and obligations, including but not limited to suspension and expulsion from the institution. Safety & Security office may delegate portions of the conduct process to other units of the University who have a vested interest in the conduct of smaller student communities (e.g., University Housing, Sports Department).

Academic units of the University also may have written or implied policies concerning the management of alcohol use and their response to the illicit use of alcohol and other drugs in the academic setting. Students are

expected to know and understand these additional policies and abide by them.

Staff and Faculty:

Sanctions for violations by faculty and staff are governed by policies within individual departments and any applicable rules set by University regulations and other applicable policies or procedures. Appropriate sanctions may include verbal or written warnings, a mandated rehabilitation program, probation, suspension, and termination. In each case, there are likely to be different circumstances that are relevant for understanding the situation and determining the appropriate sanction.

Under the supervision of the Vice-Chancellor, action should be taken in the best interests of the University, student, and employee, keeping in view the government laws and regulations.

Disciplinary Committee

Depending on each case's severity, the Student Conduct Officer evaluates the findings of the code of conduct violation and recommends either dismissing the case, deciding a penalty (verbal or written warning) or raising the case to a disciplinary committee.

The University Disciplinary Committee consists of the Head of Student Affairs, concerned College Dean, Registrar and two students representing the men and women's Student Councils or their appropriate representatives.

Appeal Right

A student has the right to appeal the decision made by the Disciplinary Committee. The student should submit a request for an appeal within three (3) calendar days from his/her receipt of findings to the Head of Student Support Office.

An appeal panel is formed by the Head of Student Support Office and consists of five (5) members and shall include two (2) faculty (one from the concerned student's college and one from another college), one (1) staff, one (1) student and the Provost, serving as the chair of the committee. The Appeal Panel may request a personal appearance of the concerned student for the sole purpose of addressing issues raised by the appeal. Campus Directors will play the Provost's role in appeal panels for cases concerning their campuses.

The Appeal Panel will review the findings of fact and recommended sanctions reported by the disciplinary committee and may:

1. Hearings. Training for the hearing procedures shall be conducted before the implementation of the policy.
2. The appeal panel shall consist of five (5) members and shall include two (2) faculty (one from the student college and one from another college), one (1) staff, one (1) student and the Provost, serving as the chair of the committee.
    a. Members of the Appeal Panel shall be drawn from a pool of faculty, staff, and students who have completed the approved hearing training.
3. The Head of Student Support Office or designee shall direct the appeal to the Appeal Panel within seven (7) calendar days of receipt of the appeal.
4. The Appeal Panel may request a personal appearance of the student/organization charged for the sole purpose of
    a. dismiss the charges;
    b. affirm the recommended sanctions; and
    c. uphold or impose a lesser sanction than was recommended.

Sanctions

Students and student organizations are expected to abide by all Abu Dhabi University policies. If the policies and procedures of the University are not followed, students and organizations will be held accountable and subject to the following disciplinary actions:

1. A reprimand is official written notification of unacceptable behavior and violation of the Student Code of Conduct. Any student having a record of violating the Student Code of Conduct will automatically be removed from Honor's List. Any further misconduct may result in more serious disciplinary actions.
2. Disciplinary Probation is a conditional status imposed for a designated period. Further violation of the Student Code of Conduct while on probation will be subject to more serious disciplinary action. Disciplinary probation may place specific restrictions on the student or organization. These may vary with each case and may include but are not limited to restriction from participating in athletic activities and or campus activities.
3. Restitution: Replacement or payment for incurred damages
4. The suspension is the loss of privileges of enrollment at Abu Dhabi University for a designated period. A student's suspension shall not exceed one calendar year following the sanction. A student organization's suspension is a temporary revocation of University recognition. A student organization suspension will

not exceed five years. A student serving suspension is restricted of the access to the university for the duration of the sanction unless approval has been secured from Student Support Services. While on suspension, students are unable to transfer credit hours for courses taken in other universities or educational institutions.

5. Expulsion is the permanent loss of privileges of enrollment at Abu Dhabi University.

Student Grievances Policies and Procedures

Abu Dhabi University aims to foster the values of respect, integrity, fairness, and transparency among staff, faculty, and students. There are occasions, however, when conflicts arise which require resolution. Such conflicts are normally resolved informally and in good faith between individuals and groups through conflict resolution processes.

To this end, Abu Dhabi University encourages informal meetings between a grievant(s) and the respondent(s). Abu Dhabi University also encourages the involvement of third parties; such as Student Council, Student Support Office personnel, and the appropriate Coordinator, Head of Department, or Dean, all of whom are expected to assist with communication and mediation.

In cases where the informal meetings prove unsuccessful or unsatisfactory, the grievant has the right to file a formal grievance that complies with the terms of this policy and its procedures.

Definitions

This policy uses the following definitions:

Grievance: A request by a student for a formal investigation of decisions or actions by a faculty or staff member of the University that are perceived to be wrong, mistaken, unjust, discriminatory and in violation of the rights of the student.

Grievant: The person(s) who submits the grievance.

Faculty: Members of the University faculty including part-time, full-time and non-regular faculty, such as visiting and adjunct faculty.

Employee: A person officially employed by Abu Dhabi University in any capacity.

Instructor: Any person employed by the University who teaches a class, including part- time, full- time and non-regular instructors such as visiting and adjunct instructors.

Respondent: The person or persons cited in the grievance.

Staff: Any non-teaching employee of the University, including students.

Student: Any person who is registered for classes at Abu Dhabi University.

Students' Complaints and Suggestions

Abu Dhabi University encourages feedback with regard to the services that are provided to its student and believes that everyone must share concerns, suggestions, and complaints freely to ensure the University continues to adopt the best possible standard of both academic and administrative services. Besides that, the University provides a fair investigation of a received complaint.

Student complaints and suggestions are shared with Department heads and College Deans to look into them and provide corrective actions within 5 working days. Students can access the service and share these concerns through: https://ss.adu.ac.ae/complain_student .

Confidentiality

Confidentiality will be upheld by all parties to the highest degree possible at all stages of the grievance. This means that no issue regarding the grievance will be discussed with any person who is not directly involved in the investigation.

A student may not submit a formal grievance in the following circumstances:

- A grievance is against another student(s) - such grievances should be processed by the Code of Conduct.
- A grievance is against personnel decisions.
- A grievance is against grades awarded in particular courses or academic decisions regarding academic work unless there is an element of harassment and discrimination involved in the claim.
- A grievance is based on the same or similar circumstances that are pending resolution or have been resolved or are under adjudication and involve the same student.
- A grievance is against a University policy or procedures, or a University employee is acting in compliance with those policies/procedures.

Implementation

The Head of Student Support Office or the designee will be responsible for the implementation of this policy. The implementation will comprise six phases:

1. The Head of Student Support Office forwards and discusses the grievance with the Provost before forming a Student Grievance Committee (SGC). If the Provost can reach a solution which satisfies the grievant, the grievance will be closed. Campus Directors play the role of the Provost in their campuses.
2. The SGC will comprise:

    a. The Provost, or designee, who will serve as a Chair.

    b. The Dean of a college other than the concerned college (to be named by the Provost), who will serve as a member.

    c. One student, representing the Student Council will serve as a member. Decisions will be made on the basis of formal votes, in all cases.
3. Final decision/recommendations will be shared with the concerned Department Head/Dean by the Provost.
4. Final decision/recommendations will be shared with the grievant by the Head of the Student Support Office.
5. Any appeal concerning this report must be forwarded by the Head of Student Support Office to the Chancellor in writing within 5 working days of the grievant's receipt of the final decision/recommendations.
6. The Chancellor will make a final decision within five working days of receiving the appeal or, in cases where due process has been shown not to have been followed, direct that the SGC hear the case de novo.

Housing and Residence Life

Abu Dhabi University - Abu Dhabi Campus offers residence units of different classifications, all of which are apartment/ studio type which is housed in buildings with 24/7 security and security system. Student dormitories are separated regarding gender, in observance of the Gender Segregation Policy of the university. These residences are strategically located within the ADU Campus, creating an atmosphere most conducive to learning and comfort of students.

A Residence Life Coordinator and Security Personnel who are available 24/7 to cater to students' requests and other needs man each dormitory. Due to health and hygiene purposes, pets are not allowed in the dormitories. Curfew hours are applied to ensure student safety and promote a secure environment of campus living.

Types of Units:

Private Room:

Single unit with individual kitchen and bath (1 person/ unit).

Semi-Private:

Single Occupancy with Shared Bath and Kitchen (2 persons/unit).

Double-Occupancy:
One-bedroom unit with two beds with shared kitchen and bath (2 persons/unit).

Double-Shared Occupancy:
Two-bedroom unit with two beds in each room and shared kitchen and bath (4 persons/unit).
(Not Available During Covid-19 Pandemic)

All units are furnished with bed/s, complete beddings, bedside drawers, study desks, and cupboards, microwave ovens, and refrigerators.

Facilities and Services available:

Common kitchens

Laundry room

TV room

Study areas with desktop computers

Gym

Recreation facilities

Transportation to and from shopping areas

Wireless Internet connection

Cleaning services

Safety and Security services

Maintenance services

For further information about housing service and for submitting a housing application, students are advised to visit our housing page: https://ss.adu.ac.ae/housing .

ADU Residential Life Programming

The RLP is a comprehensive planning of programs which defines the on-campus living and learning experience which is primarily focused on LLB: Living, Learning, and Belonging. The RLP contributors are the Housing and Residence Life Unit members, the Resident Assistants and the Dormitory Council members.

Counseling Service

Counseling services aim to clarify the needs arising from the impact of college life on the student's educational, interpersonal, and social life. Supportive counseling services can help students adjust to their circumstances and relate to the environment more productively. It also offers an atmosphere in which students may discuss their issues with the assurance of all counseling information to remain private and confidential.

It also engages in activities that contribute to the well- being

of Abu Dhabi University community through on-campus and off-campus service delivery projects. Both students and the community benefit from continued commitment in providing a model counseling program.

Supportive counseling services provided to students included but not limited to:

- Individual Counseling - to discuss information and difficulties with educational/academic matters, coping/adjustment skills to academia, and interpersonal issues affecting academic performance.
- Group Counseling - provides an opportunity for a group of individuals (2 or more) to explore new techniques in several areas such as communication, stress/anger management, and interpersonal matters.
- Educational Activities & Personal Development - are workshops and referral services designed to respond to the variety of student's needs and development during their academia.
- Other Services: this includes Consultation with students, family members, guardians, faculty and staff, Emergency Response when the need arises.

Students of Determination

Students of determination are encouraged to consider a university education. By working to create an accessible learning environment, the administrators, faculty, and staff of Abu Dhabi University endeavor to provide support and services that:

- Enable students with special needs to approach their studies more effectively.
- Enhance understanding of special needs within the University community.
- Promote collaboration within the University community and within the community at large to assist students with special needs.
- Students of Determination include those students with:
- Physical disabilities: such as paralysis or amputation.
- Sensory disabilities: visual and hearing impairments.
- Neurological disabilities: such as stroke or epilepsy.
- Learning disabilities: attention-deficit/hyperactivity disorder or dyslexia, among others.
- Mental disorders: such as mood or psychotic disorders.
- Chronic illnesses: for example, asthma or heart problems.

Counseling Services for Students of Determination

The Counseling Services Office assists the students with impairments in fully participating in all aspects of University life, and in particular:

1. Provide support and advice for students with impairments.
2. Formally evaluate the student's impairment, and the following discussion with the course coordinator, determine what support or accommodations are appropriate. In making an assessment, the counselor may seek advice from appropriate professionals such as a doctor, neurologist or educational psychologist.
3. Coordinate the provision of specialized services, furniture, equipment, or other accommodations as required.
4. Liaise with the student and other relevant student service providers to ensure that where required, appropriate support is provided to any student with impairment.

Student Dress Code

Students are responsible for the reputation of Abu Dhabi University. All are expected to dress appropriately and respect cultural and religious traditions of the United Arab Emirates. The following are unacceptable at Abu Dhabi University.

Male students:

- Shorts are not allowed unless for sports activities.
- Tight or revealing shirts/tops.
- Shirts with inappropriate logos or sayings.
- Sleeveless shirts.
- Tight or transparent pants.

Female students:

- Shorts are not allowed unless for sports activities.
- Tight or revealing shirts/tops.
- Shirts with inappropriate logos or sayings.
- Tight or transparent pants.
- Midriff and halter tops.
- Sleeveless shirts.
- Tights or leggings.
- Face covers (that obstruct identity).
- Skirts above the knee.

Student Visa & Health Insurance

Abu Dhabi University students, who choose to be sponsored by the University regarding residence visa, should apply through the Student Affairs Department. The visa sponsorship process requires certain conditions that students should meet to obtain and maintain a student visa. Such conditions are covered by UAE government rules and regulations:

- Applicants should be enrolled in either an undergraduate or postgraduate program in ADU
- Applicants should maintain full-time student status by taking a minimum of 12 credit hours (undergraduates) and six credit hours (postgraduates) every Fall and Spring semesters
- Applicants must not engage in full-time employment while sponsored by ADU
- Applicants must promptly respond to any notice, telecommunication, e-mail & SMS involved with their visas and Health Insurance Cards renewal process
- Applicants must comply with the student visa policy
- Immediate updating from the student's side for Student Support Service office with any changes may occur to the student's communication channels (Tel Nos. & E-mails)

Students under Abu Dhabi University visa sponsorships, together with GCC students who wish to have UAE health insurance plans should also apply through the Student Affairs Department. For visa information and application, students are advised to visit the visa page: https://ss.adu.ac.ae/visa.

Student Locker

Lockers are available to any current and registered student of Abu Dhabi University. Due to a limited number of compartments, locker rental is subjected on a first-come, first-served basis. Locker applications are obtained, completed and submitted to Student Support Office.

Student Transportation

The Abu Dhabi University Student Transportation Service has been established to offer and maintain a safe and orderly environment for travelers to and from Abu Dhabi University campuses. Abu Dhabi University provides the service to transport students according to their needs in addition to allowing access to the university. Students are picked-up and dropped off at designated areas around the city of Abu Dhabi or the city of Al Ain in accordance to the student's preferred type of service. Students can avail the service through this page: https://ss.adu.ac.ae/transportation_service.

The Student Support Portal

The Student Support Portal at Abu Dhabi University is an online platform designed to provide comprehensive assistance and resources to students throughout their academic journey. It offers a range of online services aimed at facilitating students' success and enhancing their overall university experience. The portal streamlines administrative processes, facilitates access to support services, and fosters a collaborative and engaging learning environment for all students. Here are some of the services students can avail through the portal:

- Student Visa Services
- Student Transportation Services
- Student Housing Services
- Student Counseling Booking Service
- Recording Community Service/Volunteering Hours
- Submitting Complaints and Suggestions
- Code of Conduct Reporting

These services can be accessed through this link:

https://ss.adu.ac.ae/.

Orientation Program

The Student Affairs will offer an orientation program for new students who are admitted to the Abu Dhabi University for Fall and Spring Semesters. Students admitted to the Summer term will be encouraged to attend the Fall orientation. Students attending the orientation program will:

1. Gain important information about academic life at Abu Dhabi University and find out how to register for classes;
2. Become familiar with resources on campus;
3. Meet other new students and make friends;
4. Meet Abu Dhabi University faculty, staff, and administrators;

5. Preview important first-year college issues;
6. Get questions answered about campus life;
7. Tour the Abu Dhabi University campus and its facilities; and
8. Get help to adjust to the new environment. Students are encouraged to attend the orientation program to avoid missing valuable information that could adversely affect their success at Abu Dhabi University.

Digital Advancement, Transformation and AI (Data)

The DATA Department (Digital Advancement, Transformation and AI) provides comprehensive Information Systems and Technology services across all ADU campuses. This document outlines the digital services, platforms, and support available to students.

Student User Account

• All ADU students are issued a user account based on their unique student ID. This account grants access to all ADU online services and computing facilities.

• Email Format: StudentNumber@students.adu.ac.ae

• Example: 0000000@students.adu.ac.ae

• Initial Access: Students receive an auto-generated password to log in to the https://my.adu.ac.ae. They must change this password upon first login.

• Password Policy: Passwords must be updated every 90 days.

• Security: Students are responsible for maintaining the confidentiality of their credentials.

Password Setup Instructions

To activate or reset your password:

1. Visit https://my.adu.ac.ae
2. Answer the security questions.
3. Set a permanent password.

Multi-Factor Authentication (MFA)

To enhance account security, students are encouraged to enable MFA using the Microsoft Authenticator app:

• Download the app from your device's app store.

• Contact the Help Desk to activate MFA.

• Follow the setup instructions provided.

Note: MFA is strongly recommended for all students to protect their accounts.

Online Learning Platforms

ADU has many digital learning tools.

Student Information System (SIS): For course registration, fee payments, schedules, and grades.

Blackboard Learn Ultra: A modern, user-friendly platform for accessing course materials, submitting assignments, viewing e-textbooks, and tracking grades in real time. Includes tools for messaging, discussion boards, and virtual classrooms.

Microsoft Office 365: Full academic license including Word, Excel, PowerPoint, Outlook, OneDrive and Teams.

Microsoft Teams: Primary tool for online classes and collaboration.

All services are accessible via the https://my.adu.ac.ae.

On-Campus Technology Facilities

• **Wi-Fi Access**: Secure wireless network via SSID "Student".

•**Computer Labs**: Equipped with licensed software tailored to academic programs.

• **Lecture Rooms**: Outfitted with interactive screens, audio-visual systems.

• **Printing Services:**

o Printers, copiers, and scanners available in library zones (male and female sections).

o Plotters and 3D printers available for Engineering students.

These services are all accessible on ADU student portal. https://my.adu.ac.ae.

Distance Learning Support

•**Blackboard Learn Ultra:** For coursework and assessments.

• **Respondus LockDown Browser & Monitor:** For secure online exams.

• **Microsoft Teams:** For live lectures and collaboration.

• **Workplace Site**: Access to specialized software for coursework.

Campus Access

• Students can use their **Student ID card** for campus entry.

Digital Responsibility and Cybersecurity Awareness

To ensure a secure and responsible digital environment, ADU emphasizes the following practices for students:

Unified Guidelines

• Use university systems responsibly and ethically to uphold academic integrity.

• Keep your login credentials private and avoid sharing them with others.

• Report any suspicious activities or security concerns directly to the IT Help Desk.

Cybersecurity Best Practices

ADU recommends students:

• Be cautious of phishing emails and suspicious links, which could compromise their accounts.

• Regularly update your passwords and enable Multi-Factor Authentication (MFA) for additional security.

Recommendation: To create a more secure and digitally responsible campus environment, ADU students should actively engage in cybersecurity awareness programs and make use of available resources, such as the Help Desk, for technical assistance. Additionally, implementing routine checks and reminders for password updates and MFA activation would further enhance personal and institutional security.

Policies & Procedure

All student related policies and procedures are made available on student portal. https://my.adu.ac.ae.

Help Desk and Technical Support

• **Email:** helpdesk@adu.ac.ae

• **Online Portal**: https://helpdesk.adu.ac.ae

• **Phone:** +971 2 501-5959

• **Walk-in Support**: Available at the DATA Department on campus.

Quick Links Summary

Service	URL
MyADU Portal	https://my.adu.ac.ae
Help Desk	https://helpdesk.adu.ac.ae
Email Support	helpdesk@adu.ac.ae
Microsoft Authenticator	https://apps.apple.com/app/microsoft-authenticator/id983156458 / https://play.google.com/store/apps/details?id=com.azure.authenticator

Bookshop

The Abu Dhabi University Bookstore is dedicated to provide students, faculty and staff quality textbooks on time, combining service with value pricing. The suitability of adopted textbooks for the course has been reviewed and evaluated thoroughly by the Colleges. In addition, ADU partnered with major international publishers to provide advantages in textbook prices and selection.

ADU considers e-book's potential to provide a more effective and efficient teaching strategy and deliver of content to students. Timely availability, cost efficient, vast available online resources, highly interactive and adaptable into new editions are some of the advantages of e-books.

Abu Dhabi University Bookstore is constantly striving to supply what the consumer is asking for and continually reviews what is available in the marketplace, improving on what is available and providing new products and services as needed.

Library

The Abu Dhabi University library includes facilities on the Abu Dhabi and Al Ain campuses. The library provides educational services to Abu Dhabi University communities that include orientation, training for new users, information literacy, research assistance, subject guides, borrowing and lending, reference services, database searching and internet access. The Abu Dhabi University library is committed to providing a well-balanced and up-to-date set of educational resources.

Membership

The Abu Dhabi University library is open for the purpose of study and research to the following groups:

a. members of all the Boards and Councils of Abu Dhabi University;

b. members of Academic and Non-academic staff of Abu Dhabi University;

c. registered students of Abu Dhabi University;

d. other students taking courses in Abu Dhabi University as agreed by the manager of the library or an authorized representative;

e. students of other UAE universities as authorized by the manager of the library;

f. alumni can access the online resources available to them by using their alumni email account;

g. access to the library print and online collection for the wider community is allowed on campus.

Abu Dhabi University library provides the following services to its users:

a. Circulation and Reserves

b. Reference Service

c. Full Text e-Journals Search

d. Group Study Rooms

e. Information Literacy Sessions

f. Interlibrary Loan

g. Online Library Catalog

h. Library guides

General Rules

All registered readers are presumed to know the library regulations which are included in the Student handbooks and available in the Library and on the Library's web pages.

Library Hours

The library is open Monday through Friday and closed on Sundays; public holidays and other days of obligation.

The opening hours of the main library are displayed on the notice boards and are as follows:

Monday – Friday: 8:00 am – 8:00 pm

Public holidays and special days: Closed

Saturdays, Ramadan and summer sessions have special hours.

The opening hours of Abu Dhabi University are displayed at the library entrance and website. The library normally closes on days on which Abu Dhabi University is closed as published in the Abu Dhabi University Calendar. Use of the Abu Dhabi University library is normally permitted to the above mentioned groups. Admission to closed collections is at the discretion of the library manager subject to the separate regulations governing those collections; admission to them does not of itself imply permission to use other parts of the library's collections.

Contact Center

Abu Dhabi University Contact Center has a wider but vital responsibility to provide the highest level of customer service to our potential students and existing students who call the University 600 number (600550003) and guests/vendors who call the Operator (02-501-5555). The University Contact Center employs dedicated full-time staffs along with part-time support staffs and current Abu Dhabi University students to deliver professional and correct information and act as the information gateway for the Abu Dhabi University, its students, staff and the wider community.

The Contact Center is open from 9 a.m. to 6 p.m., Monday to Friday and has 10 lines hubbed to the 600 number to ensure easy and seamless accessibility by the existing as well as prospective students. Our Mission is to deliver a comprehensive and efficient information service, providing positive experiences and placing our clients at the center of what we do. The Contact Center supports a wide range of service initiatives aimed at helping different departments within the Abu Dhabi University like managing the Operator line – 02-501-5555, outbound calling projects, sending bulk sms, sending bulk email blasts, conducting phone-based surveys, serve as one of the multiple Point of Contact for Students Complaints, helping other departments with call overflows on request, sending e-publication to prospects on request etc.

For prospective student enquiries call 600550003 or email Admissions@adu.ac.ae

The Contact Center team do a follow-up call with the prospects after the first conversation or after the meeting via school visits, open days, exhibitions, information session and mall booth.

The Contact Center team should have a good sales skills over the phone to follow up with prospects to share new information, call the prospect and make sure that we assist prospects or parents and advise them about what Abu Dhabi University offers.

Our Commitment to Quality

The ADU Contact Service Center is committed to continuous learning and improvement and this is demonstrated in its rigorous quality monitoring program. Staffs are assessed on their customer service skills and product knowledge based on an internal daily call monitoring system. The Contact Center is also independently assessed through Mystery shopping each month by Nielsen, a global consumer research company who specializes in such fields. Abu Dhabi University Contact Center has been consistently performing highly with more than 97% average in the last 7-month.

Employment Opportunities for Students

The ADU Contact Service Center employs current Abu Dhabi University students in the role of Customer Service Representative. The role involves the provision of course information via phone, email and web contacts. Additional duties include outbound call campaigns, surveys and other administrative tasks as and when needed.

Recruitment usually occurs as per the vacancy and requirement of the Contact Center and the applicants most suitable for this position will be first or second year students who are motivated, hard working, proficient with computers and can demonstrate a pleasant phone manner. Prior call center and customer service experience is desirable, but most importantly, applicants must demonstrate proven ability to function effectively within a team environment.

Successful applicants will receive extensive training in customer service skills, systems use, and the relevant product knowledge required. A Buddy Program also provides new staff with the opportunity to gain confidence in their skills and knowledge before taking phone calls.

Available positions are advertised on Careers website.

Cafeterias and Restaurants

Abu Dhabi University Food Court offers menus that are innovative and affordably priced. It serves a broad selection of items that appeal to every taste and dietary restriction. Restaurants at Abu Dhabi University Food Court are designed for use by staff, students and visitors, and is generally the most visited component of the university. It is also a place where students and faculty can take their visitors for brief coffee break or a lunch hour visit.

Abu Dhabi University Food Court:

- Alpeco Café (AA)
- Blue Square Supermarket (AA)
- Arabian Hut (AA)

- O 2 Caffe (AA)
- 88 kitchen light meal (AA)
- Grandiose Supermarket (AD)
- Hardees (AD)
- Nabras Alsamawi Restaurant & Cafeteria (AD)
- Para Café (AD)
- Pizza Hut (AD)
- Rice Bowl Restaurant (AD)
- Starbucks Coffee (AD)
- Subway (AD)
- Tim Hortons (AD)
- Bake and Cake (AD)

Community Center

A range of facilities are available on campus for Abu Dhabi University community and to the public in the community center which is located near gate number 3 which includes

- Blossom Nursery
- Community Mosque
- Sky Blue Laundry
- Royal Gulf Supermarket
- Royal Café Cafeteria
- Vintage Male Barber Shop
- Al Wardat Al Baghdadia Beauty Shop
- Community Party Room
- Male & Female Gym
- Strike Fit (Mixed Martial Ars)
- Kids Playground

Environmental Health and Safety

ADU is committed to strong programs of accident and injury prevention and to complying with all environmental, health and safety laws and regulations. Good health and safety practices are the responsibility of each faculty member, staff member, student and visitors to the university.

Line responsibility for good health and safety practice begins with each person in the campus, the supervisor in the workplace, laboratory or classroom and all levels of management. In academic areas, supervisors include the lab instructors, class instructors and faculty, or others having direct supervisory authority. Academic levels of management are the department chairperson or Deans and the Provost. Administrative levels of management include mid-management, Directors, and Vice Chancellor. Final responsibility for Environment, health and safety policy and programs rests with the Chancellor of the University.

Scope

Abu Dhabi University makes all reasonable efforts to:

- Ensure that all used equipment, substances and work systems are suitable for their intended purposes and take all practical steps to meet safety requirements;
- Protect the health and safety of Abu Dhabi University faculty, staff, students, visitors and Contractors who are present in the university campuses;
- Comply with all applicable UAE, international and Abu Dhabi laws, legislations and associated codes of practice;
- Provide safe workplaces - academic, research, and administrative - for faculty, staff and students;
- Provide information to faculty, staff, students and visitors/contractors about health and safety hazards;
- Identify risks and health and safety hazards and provide the necessary corrective and preventive actions and encourage faculty, staff and students report hazards;
- Provide information and safeguards for those on campuses and in the surrounding community regarding environmental hazards arising from operations at Abu Dhabi University;
- Ensure efficient utilization of energy, water, and other natural resources;
- Ensure proper storage, segregation and disposal of the generated waste according to the UAE Environmental regulation.

The Environmental Health & Safety (EH&S) Committee was established in Abu Dhabi University with the responsibility of recommending University-wide health and safety policies; ensuring overall institutional compliance with policies, statutes, and regulations; monitoring the effectiveness of the EH&S programs; identifying the risk at the workplace and providing central health and safety services to all areas of the University.

For EH&S and security related matters, you may contact the following numbers: 02-5015860, 02-5015983 and 02-5015236.

THE OFFICE OF RESEARCH AND SPONSORED PROGRAMS

I. Research Objectives:

Abu Dhabi University (ADU) is a research-active university, playing a distinctive role in advancing knowledge, innovation, and societal progress in the Gulf region. ADU is committed to conducting innovative and impactful research that is globally recognized for its originality, significance, and real-world relevance.

ADU's ability to remain competitive in the global higher education landscape depends on its academic reputation, international rankings, and quality accreditations—all of which are intrinsically tied to research excellence. High-impact research is therefore central to achieving ADU's strategic goals and elevating its academic standing.

Research is a cornerstone of ADU's 2025-2030 Research, Innovation and Impact strategy. It reflects our dedication to contributing to the knowledge-based economy, fostering innovation, and using research as a vehicle for student development and real-world application. The core objectives of the strategy are to:

- Advance knowledge creation

- Drive positive societal and economic impact

- Enrich teaching and learning

II.Research Vision & Mission:

Vision

To be an exemplary University with a culture of creativity and enquiry that drives all that we do and benefits our faculty, students and broader society.

Mission

To provide opportunities for students and faculty to engage in research activities that enrich the teaching and learning experience, and invest in our academic community to support research excellence and the delivery of an enquiry-based curriculum.

III. Research Structure:

Research at ADU is governed by the Office of Research and Sponsored Programs (ORSP), under the leadership of the Associate Provost for Research, Innovation & Academic Development.

The Office of Research and Sponsored Programs

The Office of Research and Sponsored Programs (ORSP) oversees all research activities at ADU. It provides the overall infrastructure and administers faculty & student research funding programs.

ORSP Services

The ORSP provides many services that focus on increasing research productivity among faculty and students, including:

- Implementing the research, innovation and impact strategy.
- Managing and administering all aspects of university-funded initiatives to support research.
- Managing and facilitating student-centered research initiatives including the Undergraduate Research Fund.
- Promoting and managing Intellectual Property as well as facilitating filing and prosecution of patent applications by ADU researchers.
- Planning and organizing the annual Undergraduate Research Competition.
- Administering faculty consultancy agreements with external organizations including industrial partners.
- Delivering research capacity building initiatives.
- Monitoring, tracking and reporting the research performance at Abu Dhabi University to a range of internal and external stakeholders.
- Managing the life-cycle of external grants from application to approval, and provides post-award compliance analysis and reporting.
- Overseeing the Institutional Review Board (IRB) for Human Subjects activities.

IV. Research Support for Faculty:

Research initiatives provide faculty with funding to support research projects and a culture of research excellence at Abu Dhabi University. These funding programs are an enabler for faculty to produce outputs aligned with the Leadership and Research, Innovation and Impact promotion route in the faculty development framework. Research collaboration is also an important KPI for the Ministry of Education's Higher Education Excellence Framework:

Internal

1. Research, Innovation and Impact Grant

The purpose of this grant is to provide seed funding to support faculty to conduct research in their area of expertise which contributes to the University achieving its research and innovation strategic objectives outlined in our Research, Innovation and Impact Strategy.

2. Teaching Scholarship and Institutional Effectiveness

Teaching Scholarship and Institutional Effectiveness grants provide funding to support faculty to conduct pedagogy research focusing on student learning and success, and institutional effectiveness in terms of quality assurance and enhancement to ensure the continuous improvement of student learning.

External

Various opportunities prevail throughout the academic year which encompass external entities awarding ADU faculty members with an award amount to conduct research. The awardees are selected based on originality, outstanding quality, practicability, qualifications of the researchers, and the strength & relevance to the entity's research agenda. The two most notable funding initiative cycles are run annually by MUBADALA and United Al Saqar.

1. Mubadala-Abu Dhabi University Collaborative Projects Awards (MuACPA)

2. ADU-LC Global Collaborative Research Grant

V. Research Support for Students:

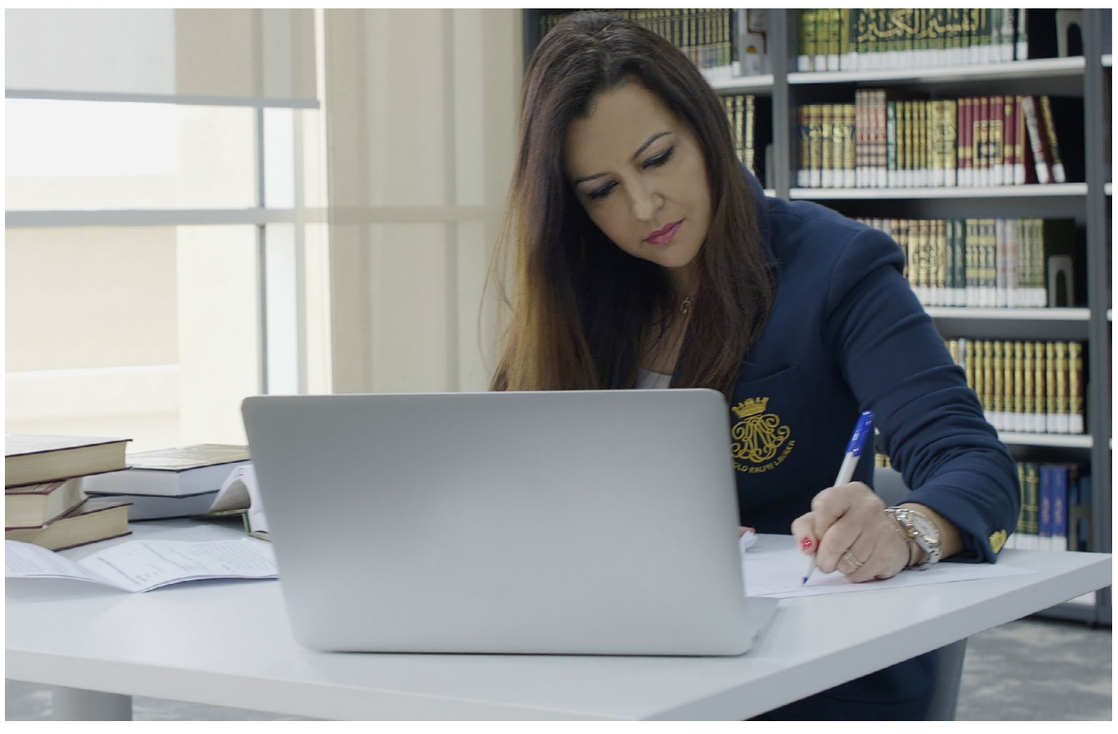
Research activities by students are supported through the following types of projects that are managed by the ORSP:

1. Undergraduate Research Scholarship

This scholarship aims to develop research skills among ADU's top students and to contribute to ADU's commitment toward Abu Dhabi's vision of a knowledge-based economy. The aim of the scholarship is to foster undergraduate research and encourage our undergraduate students to engage in research at early stages of their academic careers to enhance employability opportunities. This scholarship is granted to students who submit high-potential research proposals to the ORSP and demonstrate an excellent academic record.

2. Undergraduate Research & Innovation Competition

ADU's Office of Research annually organizes the GCC and MENA regionwide Undergraduate Research & Innovation Competition (URIC). This competition aims at encouraging universities to promote scientific research among undergraduate students and to make it an integral part of university education, given the significance of scientific research in advancing the country to the top ranks. Participating in this competition provides students with a great opportunity for competitive interaction with students from other universities. Additionally, the competition serves to strengthen critical and analytical thinking skills among undergraduate students and to enhance students' confidence in their research abilities, to explore new frontiers in their fields of study and to prepare them for graduate level studies. The competition is the first and the largest such event in the GCC and MENA region comprising all universities and all major disciplines.



VI. Research Institutes and Their Role in Advancing Research and Innovation

At the core of Abu Dhabi University's 2025–2030 Research, Innovation, and Impact Strategy lies a growing ecosystem of **Research Institutes**—strategically developed to catalyze high-impact, interdisciplinary research and to strengthen the university's contribution to the UAE's knowledge-based economy.

The primary roles of these institutes include:

- **Driving Strategic Research Focus Areas:** Each institute is aligned with national and global priorities, including sustainability, artificial intelligence, emerging technologies, and cancer research.
- **Fostering Collaborative Research:** They serve as platforms for cross-disciplinary collaboration among faculty, students, and external stakeholders, including industry, government, and NGOs.
- **Enhancing Research Capacity**: By providing dedicated support structures, research labs, and access to specialized expertise and facilities, the institutes elevate the research output and visibility of ADU.
- **Translating Research into Impact:** Institutes bridge academic knowledge and societal needs by promoting translational research that can lead to commercialization, patents, and practical solutions to real-world challenges.

The flagship research institutes at ADU include:

1. **Research Institute for Sustainable Futures**

   Focuses on innovative research in energy, water, food security, climate change, and circular economy to address the pressing sustainability challenges of the region and beyond.

2. **Research Institute for Artificial Intelligence and Emerging Technologies**

   Advances state-of-the-art research in AI, data science, robotics, and quantum computing to foster innovation across various sectors, including health, education, and security.

3. **Cancer Research Institute**

   Dedicated to groundbreaking work in cancer prevention, diagnosis, and treatment, leveraging genomics, bioinformatics, and personalized medicine in collaboration with medical and clinical partners.

Through these research institutes, ADU empowers its researchers and students to be at the forefront of scientific discovery, thereby -- the university's reputation as a hub of innovation and academic excellence in the region.

VII. Innovation and Industrial Research Centers

Abu Dhabi University drives innovation and real-world impact through its Innovation Center and advanced research centers such as the Graphene Center and Quantum Computing Center. These centers serve as platforms for applied research, industry collaboration, and technology development—bridging the gap between academia and enterprise while supporting the UAE's vision for a knowledge-based economy.

COLLEGES, INSTITUTES **AND PROGRAMS**

COLLEGE OF Arts, Education, and Social Sciences

Introduction

The College of Arts, Education, and Social Sciences provides a diverse range of postgraduate programs aimed at addressing the changing requirements of education, communication, and social progress in the 21st century. These programs are based on academic excellence, innovation, and practical application, preparing graduates with the skills and knowledge required for career advancement and significant societal influence.

The Professional Post-Graduate Diploma in Teaching (English) equips future teachers to provide effective English education in various learning settings. The Master of Education in Educational Leadership cultivates forward-thinking leaders who can revolutionize educational organizations. The Master of Education in Educational Technology and AI in Education combines advanced technologies with pedagogical methods, promoting creativity in teaching and learning.

The Master of Arts in Digital Communication and Technology provides an in-depth exploration for those passionate about media and digital culture, focusing on the interplay between communication, technology, and society. The Master of Arts in Applied Behavior Analysis offers a theoretical and practical basis to assist individuals with behavioral and developmental challenges. At its core, the PhD in Education enables scholars to conduct original research, influencing the future of education through analytical investigation and leadership.

Every program combines theory, research, and practical experience, equipping graduates for meaningful careers in academia, education, and more.

Vision

To be a leading multidisciplinary college in the region, empowering students to become innovative thinkers, ethical leaders, and socially responsible citizens through transformative education in the arts, humanities, and social sciences.

Mission

The College of Arts, Education and Social Sciences (CAESS) is committed to delivering high-quality, student-centered academic programs that blend creativity, critical thinking, and research with real-world application. Through its diverse offerings in communication, psychology, international relations, education, and digital technology, CAESS prepares graduates to meet the evolving demands of contemporary society and to contribute meaningfully to local and global communities.

Objectives

The main objectives of the Postgraduate Programs at the College of Arts, Education, and Social Sciences are:

a) To promote academic excellence and research-oriented learning throughout postgraduate programs, encouraging critical thinking, innovation, and scholarly investigation in education, communication, and social sciences.

b) To prepare graduates for leadership and professional growth by providing them with practical skills, strategic insight, and a comprehensive understanding of current challenges in education and society.

c) To incorporate new technologies and digital advancements into teaching, learning, and communication methods, making certain that students are skilled in using AI and digital resources in both academic and professional settings.

d) To advance inclusive and effective education by equipping teachers, behavioral specialists, and communication professionals to effectively tackle diverse learner requirements and societal challenges.

e) To aid in significant societal progress and change via innovative research, community involvement, and cross-disciplinary teamwork in education, digital communication, and behavioral sciences

PROFESSIONAL POST-GRADUATE DIPLOMA IN **TEACHING**

Program Mission

The Postgraduate Diploma in Teaching (English) at Abu Dhabi University prepares competent and reflective beginning teachers who are capable of implementing evidence-based and student-centered practices in diverse learning environments. The program is designed to foster professional identity, ethical practice, inclusive teaching, and lifelong learning in line with the national agenda and global educational standards.

Program Learning Outcomes (PLOs)

- **PLO1:** Critically evaluate a variety of teaching and learning theories, strategies, policies, practices, digital tools, assessments and current pedagogical research across developmental levels and educational settings.
- **PLO2:** Synthesize relevant, engaging, innovative, ethical pedagogical approaches aligned with current research-based curriculum principles that meets the complex needs of diverse learners and the evolving educational landscape.
- **PLO3**: Employ standards-based formative and summative assessment techniques to engage learners in problem-solving and decision making in the field of teacher education.
- **PLO4:** Implement ethical, instructional, and classroom management strategies that create inclusive, sustainable, student-centered learning environments
- **PLO5:** Demonstrate the ability to effectively integrate technology-enhanced learning environments that utilize innovative teaching and assessment practices suitable for the digital age.

Curriculum

Total Credit Hours: 24

Core Courses — 15 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUC510	Educational Foundations & Classroom Management	3	-
EDUC515	School Curriculum	3	-
EDUC520	Foundations for Inclusive Education	3	-
EDUC525	Educational Psychology and Learning	3	-
EDUC530	Integrating Technology in Education	3	-

Elective Courses (Select One) — 3 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUC540	Methods for Teaching Islamic Studies	3	EDUC510, EDUC515, EDUC520,EDUC525
EDUC550	Methods for Teaching STEAM Courses	3	EDUC510, EDUC515, EDUC520,EDUC525
EDUC560	Methods for Teaching Languages	3	EDUC510, EDUC515, EDUC520,EDUC525
EDUC570	Methods for Teaching Early Childhood	3	EDUC510, EDUC515, EDUC520,EDUC525

6 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUC580	Practicum	6	EDUC510, EDUC515, EDUC520,EDUC525

PROFESSIONAL POST-GRADUATE DIPLOMA IN
TEACHING

Study Plan (Breakdown by Term) **Total Credit Hours: 24**

Semester I	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUC510	Educational Foundations & Classroom Management	3	-
EDUC515	School Curriculum	3	-

Semester I	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUC520	Foundations for Inclusive Education	3	-
EDUC525	Educational Psychology and Learning	3	-

Semester II	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUC530	Integrating Technology in Education	3	-
Elective	One of EDUC540, EDUC550, EDUC560, EDUC570 based on the student's Bachelor's Degree specialization	3	EDUC510,EDUC515, EDUC520, EDUC525

Semester II	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUC530	Practicum	6	EDUC510,EDUC515, EDUC520, EDUC525

MASTER OF ARTS IN
APPLIED BEHAVIOR ANALYSIS

Program Mission

The Master of Arts in Applied Behavior Analysis program at Abu Dhabi University prepares ethical and skilled professionals to deliver evidence-based behavioral interventions across diverse settings. It aims to meet the growing regional need for qualified behavior analysts by combining rigorous academics with practical training aligned to international standards.

The Program Learning outcomes

By the end of the program, graduated students will be able to:

PLO1: Demonstrate a strong understanding of foundational and advanced concepts in behavior analysis, including behavioral principles, applied techniques, and behaviorism.

PLO2: Exhibit adherence to national and regional ethical standards, ensuring professional and responsible practice in diverse settings.

PLO3: Develop skills in research methodologies and data analysis to design, implement, and evaluate evidence-based behavioral interventions effectively

PLO4: Gain extensive hands-on experience through supervised practicum placements in clinical, educational, and community environments to prepare them for real-world challenges.

PLO5: Demonstrate the ability to work collaboratively with caregivers, educators, and multidisciplinary teams to deliver effective behavioral solutions and training.

PLO6: Implement behavior-analytic principles using culturally sensitive therapeutic techniques, ensuring inclusivity and effectiveness in diverse settings.

Curriculum

Total Credit Hours: 36

Degree Requirement — 24 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
ABA510	Concepts and Principles of Behavior Anal-ysis- 1	3	-
ABA520	Concepts and Principles of Behavior Anal-ysis- 11	3	-
ABA530	Applied research methods in Behaviour Analysis: Experimental Design.	3	-
ABA540	Ethical and Professional Conduct	3	-
ABA550	Identification and Assessment	3	ABA530
ABA560	Behaviour Change Applications	3	ABA510 & ABA520
ABA565	Intervention and Implementation	3	ABA560
ABA570	Supervision and Management	3	-

Thesis Requirements — 12 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
ABA575	Internship	6	ABA565
ABA580	Thesis in Applied Behavior Analysis	6	Completion of all degree requirement courses

PRE- CORE — 6/12 Credit Hours*

Course Code	Course Title	Credit Hours	Prerequisite(s)
ABA410(PC)	Brain and Behaviors	3	-
ABA420(PC)	Psychological Transitions Across the Lifespan	3	-
ABA 430(PC)	Inclusive Education & ABA	3	-
ABA450(PC)	Autism Seminar	3	ABA430

*For students who lack prior qualifications in any areas related to ABA

Note: These pre-core foundation courses are supplementary and do not count toward the 36 credit hours required for degree completion.

MASTER OF ARTS IN
APPLIED BEHAVIOR ANALYSIS

Study Plan (Breakdown by Term)

Total Credit Hours: 36

Semester I	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ABA510	Concepts and Principles of Behavior Analysis- 1	3	-
MDM520	Advanced Videography	3	-

Semester I	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ABA530	Applied research methods in Behaviour Analysis: Experimental Design.	3	-
ABA540	Ethical and Professional Conduct	3	-

Semester II	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ABA550	Identification and Assessment	3	ABA530
ABA560	Behaviour Change Applications	3	ABA510 & ABA520

Semester II	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ABA565	Intervention and Implementation	3	ABA560
ABA570	Supervision and Management	3	-

Semester III	Term A & B		Total Credit Hours : 12
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ABA575	Internship	6	ABA565
ABA580	Thesis in Applied Behavior Analysis	6	Completion of all degree requirement courses

MASTER OF ARTS IN
DIGITAL COMMUNICATION AND TECHNOLOGY

The program Mission

The Master of Arts in Digital Communication and Technology at Abu Dhabi University aims to prepare students for leadership in the digital era by integrating creativity, strategic thinking, and emerging technologies. It aims to provide a strong foundation in digital branding, media production, and advanced communication tools through both theoretical and practical learning.

The Program Learning outcomes (PLO)

By the end of this program, the student will be able to:

PLO1: Apply advanced technical skills in content creation to produce professional-level communication tailored for online platforms.

PLO2: Assess audience behavior across digital platforms to develop data-driven strategic communication solutions.

PLO3: Demonstrate a critical understanding of contemporary digital media practices and methodologies to analyze and address key issues within the field.

PLO4: Design and implement effective social media management strategies, leveraging search optimization techniques, audience analytics, and algorithmic insights for optimized engagement.

PLO5: Conceptualize, design, and deliver compelling brand narratives using cutting-edge digital tools and storytelling techniques.

PLO6: Conduct original research in digital communication, employing appropriate methodologies and theoretical frameworks to enhance industry practices and innovation

Curriculum

Total Credit Hours: 30

Core Courses — 24 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
MDM510	Podcast Production	3	-
MDM520	Advanced Videography	3	-
MDM530	Graphics for Online Communication	3	-
MDM540	Brand Communication	3	-
MDM550	Digital User Behavior (Online)	3	MDM540
MDM560	Digital Media Management	3	MDM540
MDM565	Digital Media Theories (Online)	3	MDM550& MDM560
MDM570	Emerging Trends in Digital Communication and Technology	3	-

6 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
MDM580	Research Based Thesis	6	MDM565 & MDM570

PRE- CORE Courses — 3/6 Credit Hours*

Course Code	Course Title	Credit Hours	Prerequisite(s)
MDM490(PC)	Principles of Digital Photography	3	-
MDM500(PC)	Introduction to Digital Production Software	3	-

*For students who lack prior qualifications in media, communications, or related creative industries disciplines

Note: These pre-core foundation courses are supplementary and do not count toward the 36 credit hours required for degree completion.

MASTER OF ARTS IN
DIGITAL COMMUNICATION AND TECHNOLOGY

Study Plan (Breakdown by Term)

Total Credit Hours: 30

Semester I	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MDM510	Podcast Production	3	-
MDM520	Advanced Videography	3	-

Semester I	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MDM530	Graphics for Online Communication	3	-
MDM540	Brand Communication	3	-

Semester II	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MDM550	Digital User Behavior (Online)	3	MDM540
MDM560	Digital Media Management	3	MDM540

Semester II	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MDM565	Digital Media Theories (Online)	3	MDM550, MDM560
MDM570	Emerging Trends in Digital Communication and Technology	3	-

Semester III	Term A & B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MDM580	Research Based Thesis	3	MDM565, MDM570

MASTER OF EDUCATION IN
EDUCATIONAL LEADERSHIP

Program Mission

The mission of the Master of Education in Educational Leadership is to prepare graduates to become educational leaders who are reflective practitioners, knowledgeable about leadership theories and practices, and capable of effective learning communities to support the UAE's development and educational reform goals

Program Learning Outcomes (PLOs)

PLO 1: Synthesize and apply comprehensive highly specialized educational and leadership theory and/or methodologies, interfacing between different fields and encompassing new and innovative concepts to address complex challenges within the dynamic field of education.

PLO 2: Apply the specialized and advanced problem-solving skills required in ethical educational leadership research and analysis, utilizing advanced communication and technology skills to create and justify highly complex ideas and concepts in a clear and concise manner and that contribute to the body of knowledge in the field of education.

PLO 3: Employ advanced skills and specialized technological tools to compile, analyze, and evaluate various forms of information/data enabling the educational leader to formulate ethical informed data driven decisions concerning complex issues within the educational context.

PLO 4: Analyze, and evaluate programs, policies, and/or procedures within the field of education to create new and/or unique approaches to address complex and unpredictable situations within the field of education.

PLO 5: Plan and implement professional activities while assuming accountability for steering strategic growth and progress through critical reflection and analysis of information and data to enhance life-long learning for self-and/or team.

PLO 6: Demonstrate the ability to navigate complex ethical issues by promoting open communication, inclusivity, and collaborative problem-solving both with internal and external stakeholders of the diverse educational

Curriculum

Total Credit Hours: 30

Core Courses — 30 Total Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUC525	Educational Psychology and Learning	3	-
EDUC520	Foundations for Inclusive Education	3	-
EDUL620	Leadership in Education Theory in Prac-tice (online)	3	-
EDUL625	Leadership for Diversity, Equity, and In-clusion	3	-
EDUL630	Curriculum Development & Program Assessment (online)	3	-
EDUL635	Analytics for Making Data Driven Deci-sion	3	-
EDUL640	Continuous Improvement for Organiza-tional Excellence and Quality Assur-ance	3	EDUL635
EDUL645	Strategies for Effective Educational Resource Management	3	-
EDUL680	Research (Thesis) (hybrid)	6	18CR

PRE-CORE 3/6 CR HRS*			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUC510 (PC)	Educational Foundations & Classroom Manage-ment	3 Equ	-
EDUC515 (PC)	School Curriculum	3 Equ	-

*For students who lack prior qualifications in any areas related to Education

Note: These pre-core foundation courses are supplementary and do not count toward the 30 credit hours required for degree completion

MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP

Study Plan (Breakdown by Term) — Total Credit Hours: 30

Semester I	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUL620	Leadership in Education Theory in Practice (online)	3	-
EDUL525	Educational Psychology and Learning	3	-

Semester I	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUL635	Analytics for Making Data Driven Decision	3	-
EDUL625	Leadership for Diversity, Equity, and Inclusion	3	-

Semester II	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUL520	Foundations for Inclusive Education	3	-
EDUL630	Curriculum Development & Program Assess-ment (online)	3	-

Semester II	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUL645	Strategies for Effective Educational Resource Management	3	-
EDUL640	Continuous Improvement for Organizational Excellence and Quality Assurance	3	EDUL635

Semester III	Term A		Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUL680	Research (Thesis) (hybrid)	6	18CR

MASTER OF EDUCATION IN EDUCATIONAL TECHNOLOGIES AND AI

Program Mission

The Master of Education in Educational Technologies and AI at Abu Dhabi University aims to prepare forward-thinking educators, leaders, and researchers with advanced knowledge and skills in integrating AI and emerging technologies into diverse educational contexts. Grounded in ethical practice, critical inquiry, and innovation, the program fosters the development of inclusive, equitable, and adaptable learning systems that contribute to the sustainable advancement of education in the UAE and beyond.

Program Learning Outcomes (PLOs)

By the end of this program, the student will be able to:

PLO1: Critically evaluate and apply educational theories, pedagogical frameworks, and learning sciences to integrate AI and EdTech solutions that enhance student engagement, learning outcomes, and instructional effectiveness.

PLO2: Design and implement learner-centered, evidence-based AI and EdTech strategies that support diverse learning needs, improve accessibility, and foster equity in education across various learning environments.

PLO3: Evaluate and implement AI-driven instructional innovations that enhance personalized learning experiences, promote adaptive learning environments, and optimize data-driven decision-making in diverse educational settings.

PLO4: Conduct and apply rigorous research to advance professional knowledge, creating models and frameworks for integrating AI and EdTech into global and local educational settings.

PLO5: Engage in reflective practice and lifelong professional development, critically analyzing and adapting to emerging trends in educational technology and AI, ensuring continuous improvement in teaching, learning, and leadership.

Curriculum

Total Credit Hours: 33

Core Courses — 27 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUT500	Artificial Intelligence in Education: Foundations and Futures (Online)	3	-
EDUT510	AI in Adaptive Instructional Design	3	EDUT500
EDUT520	Designing Technology-Enhanced Learning Environments	3	-
EDUT530	Learning Analytics and Data-Driven Decision Making	3	EDUT520
EDUT540	Emerging Educational Technologies and AI Trends (Online)	3	-
EDUT550	AI-Enhanced Digital Literacies for Educators	3	EDUT510 EDUT530
EDUT560	Ethics, Equity, and AI Governance in Education	3	EDUL635
EDUT570	AI for Accessibility and Inclusion	3	-
EDUT575	Human-Centered AI and Pedagogical Theories	3	EDUT510 EDUT530

6 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUT580	Thesis (Research)	6	ALL PRIOR COURSES (27 CR HRS

PRE- CORE — 3/6 Credit Hours*

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUC501(PC)	Teaching Foundations: Managing Classrooms, Designing Curricula, and Assessing Learning	3	-
EDUC502(PC)	Educational Technology Essentials: Theory and Practice	3	-

*For students who lack prior qualifications in Education, or related industries disciplines

Note: These pre-core foundation courses are supplementary and do not count toward the 33 credit hours required for degree completion.

MASTER OF EDUCATION IN EDUCATIONAL TECHNOLOGIES AND AI

Study Plan (Breakdown by Term) **Total Credit Hours: 33**

Semester I	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUT500	Artificial Intelligence in Education: Foundations and Futures (Online)	3	-
EDUT575	Human-Centered AI and Pedagogical Theories	3	EDUT500

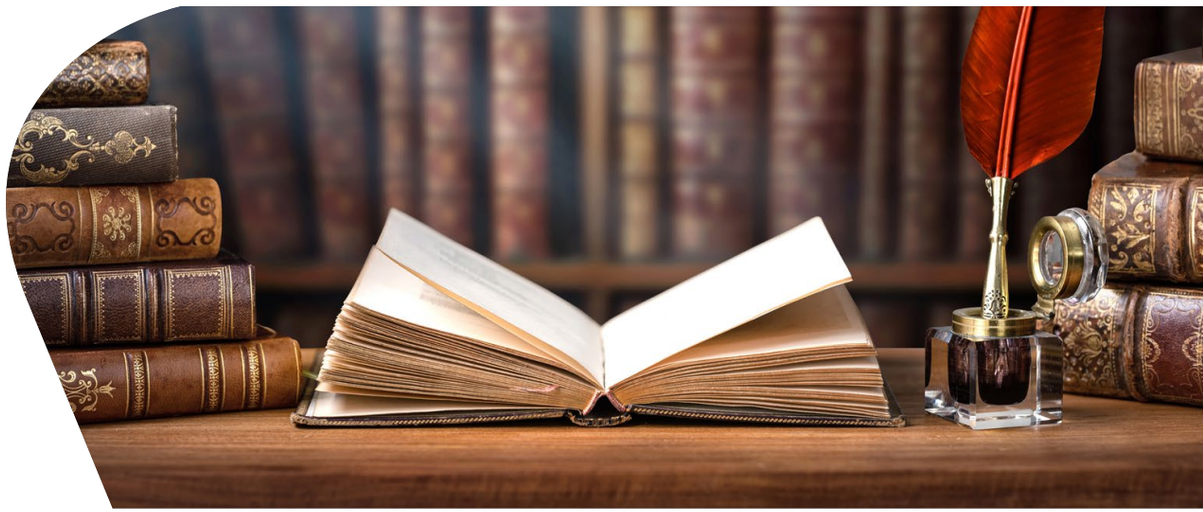
Semester I	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUT520	Designing Technology-Enhanced Learning Environments	3	-
EDUT510	AI in Adaptive Instructional Design	3	EDUT500

Semester II	Term A		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUT530	Learning Analytics and Data-Driven Decision Making	3	EDUT520
EDUT550	AI-Enhanced Digital Literacies for Educators	3	EDUT510, EDUT530

Semester II	Term B		Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUT540	Emerging Educational Technologies and AI Trends (Online)	3	EDUT500
EDUT560	Ethics, Equity, and AI Governance in Education	3	EDUT550, EDUT540

Semester III	Term A		Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUT570	AI for Accessibility and Inclusion	3	-
EDUT580	Thesis (Research)	6	ALL PRIOR COURSES (27 CR HRS)

DOCTOR OF PHILOSOPHY (PH.D.) IN EDUCATION



Program Mission

The Doctor of Philosophy (Ph.D.) in Education at Abu Dhabi University is committed to cultivating a new generation of educational scholars and leaders who can address complex, interdisciplinary challenges through original research, strategic innovation, and ethical leadership. Rooted in global trends and local relevance, the program empowers candidates to drive meaningful change in educational systems through evidence-based solutions, equity-driven policies, and scholarly contributions that influence educational discourse and practice in the UAE and beyondsustainable advancement of education in the UAE and beyond.

Program Learning Outcomes (PLOs)

By the end of this program, the student will be able to:

PLO1: Demonstrate competence in applying knowledge by managing and evaluating initiatives that transform educational practices, promote inclusivity, foster innovation, and ensure continuous improvement.

PLO2: Develop and propose transformative educational frameworks and curriculum models that integrate cutting-edge research, global trends, local cultural considerations**,** and technological advancements to enhance teaching, learning, and institutional effectiveness.

PLO3: Critically evaluate, synthesize, and apply complex data to advance educational research and develop innovative, evidence-based solutions that address socio-scientific, technological, and educational challenges.

PLO4: Design and execute advanced, original research studies using either qualitative, quantitative or mixed-method approaches to generate new knowledge and address critical challenges in education, incorporating interdisciplinary approaches**.**

PLO5: Effectively communicate original research findings addressing transformative educational practices, innovative strategies to academic, professional, and interdisciplinary audiences, ensuring scholarly rigor, ethical integrity, and practical impact

Curriculum

Total Credit Hours: 60

Core Courses — 18 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUP605	Curriculum and Instruction Design	3	Prerequisite Course
EDUP630	Cognitive Science and Learning: The Neuroscience of Education	3	-
EDUP615	Educational Technologies and Artificial Intelligence in Educa-tion	3	-
EDUP620	Advanced Data Science and Analytics in Education	3	EDUP610
EDUP625	Diversity, Equity and Social Justice in Education	3	-
EDUP635	Education Policy and Leadership	3	-

RESEARCH METHODOLOGY — 6 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUP715	Cross-Cultural Perspectives and Practices in Global Education Systems	3	-
EDUP710	Professional Development and Teacher Education	3	-
EDUP720	Institutional Effectiveness and Quality Assurance	3	-
EDUP725	Innovative Approaches in Education for Sustainable Change	3	-

ELECTIVE COURSES 6 CR HRS (select 2)

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUP601	Advanced Research Methods in Education I	3	-
EDUP610	Advanced Research Methods in Education II	3	EDUP610

30 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
EDUP801	Thesis (2-3 yrs)	30	Completion of all the 30 credit hours of the course requirements

DOCTOR OF PHILOSOPHY (PH.D.) IN EDUCATION

Study Plan (Breakdown by Term) — Total Credit Hours: 60

Semester I	Term A		
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUP601	Advanced Research Methods in Education I	3	-
EDUP605	Curriculum and Instruction Design	3	-
Semester I	**Term B**		
EDUP610	Advanced Research Methods in Education II	3	EDUP601
EDUP615	Educational Technologies and Artificial Intelligence in Education	3	-

Semester II	Term A		
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUP620	Advanced Data Science and Analytics in Education	3	EDUP601
Elective 1	Elective 1	3	-
Semester II	**Term B**		
EDUP625	Diversity, Equity and Social Justice in Education	3	-
EDUP630	Cognitive Science and Learning: The Neuroscience of Education	3	-

Semester III	Term A		
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EDUP635	Education Policy and Leadership	3	-
Elective 2	Elective 2	3	-
Semester III	**Term B**		
EDUP801	Thesis*	30	Completion of all the 30 credit hours of the course requirements

*Thesis will take around 2-3 years to complete,

COLLEGE OF BUSINESS

Introduction

The College of Business (COB) at Abu Dhabi University offers the following world-class, professionally-oriented graduate business programs:

- Master of Business Administration (MBA)
- Master of Strategic Leadership (MSL)
- Master of Science in Financial Technology (Fintech)
- Master of Science in Strategic Digital Transformation
- Doctor of Business Administration (DBA).

The College prides itself on having a dedicated and talented team of faculty and staff who are accessible to students and committed to student academic and professional success. Other distinctive features of COB's graduate business programs include:

- Modern American business curriculum aligned with the requirements of professional certification bodies and a strong emphasis on knowledge and skills relevant for the UAE context.
- Distinguished faculty with doctoral degrees from prestigious universities.
- Small class sizes.
- Use of technology to enhance convenience and effectiveness of delivered courses.
- Multiple admission dates throughout the year (for MBA).
- Emphasis on academic integrity.
- Personalized academic advising.
- State-of-the art facilities.
- Accreditation by the UAE Ministry of Higher Education and Scientific Research (CAA) and International accreditations (AACSB and EQUIS).
- 90% and above employment rate among graduates.

College Vision

To be recognized as a leading globally connected business school fostering sustainability for business and society.

College Mission

With a student-centric philosophy, College of Business prepares graduates to drive organizational transformation through leadership in business sustainability.

Goals

To achieve its mission, the College is committed to continuous improvement processes to attain the following goals:

1. Review, Revise and Diversify our Program Portfolio for Regional Relevance
    a. Enhance current undergraduate and postgraduate programs
    b. Introduce new stand-alone degree programs
2. Excel and Innovate in Program Design and Delivery
    a. Recruit and retain qualified, competent, and diverse faculty
    b. Maintain a comprehensive assurance of learning process
    c. Ensure rigor and relevance in program design and delivery
3. Enhance Student Enrollment, Progression, and Success
    a. Provide a student-centered learning environment
    b. Deliver personalized academic advisory services
    c. Implement a comprehensive student enrollment and retention plan
4. Conduct High Impact Applied Sustainable Business Research
    a. Conduct and disseminate high impact applied research
    b. Lead business sustainability research in the region
    c. Enhance research involvement with business & community
5. Enhance Academic, Corporate, and Alumni Engagement Nationally and Internationally
    a. Enhance alumni relations and corporate connections
    b. Participate in events directed towards the community
    c. Increase international partnerships and student enrollment
6. Foster Professional Development and Life-Long Learning
    a. Recruit, train, and retain qualified and competent staff
    b. Develop initiatives for faculty and staff life-long learning
    c. Maintain collegial culture and efficiencies in internal operations

MASTER OF
BUSINESS ADMINISTRATION

Program Mission

The mission of the MBA program is to produce graduates who will be prepared to advance into top managerial positions in marketing, accounting, human resources, and other departments in both private and public sectors of the economy.

Program Goals

- To develop professionals with a clear understanding of organizational sustainability
- To equip students with the knowledge and skills necessary to adapt to a dynamic multidisciplinary business environment
- To improve leadership, interpersonal communication, critical thinking, and team-building skills

Learning Outcomes

Upon successful completion of this program, the graduates will be able to:

1. Analyze organizational issues from a global perspective
2. Develop functional strategies for sustainable organizational performance
3. Apply appropriate knowledge from different business functions in the context of managerial decisions or in relation to financial market operations
4. Evaluate business performance using quantitative, qualitative, and data analytics tools, techniques, and methods
5. Incorporate sustainability practices /principles in organizational decision making
6. Communicate complex business issues effectively in written and/or verbal form.

All program learning outcomes (PLOs) are designed to ensure that they meet the appropriate level of rigor for the specific degree as per international criteria, and the PLOs are aligned with, and mapped to, the UAE Qualifications Framework (level 9 for Master degree).

ADU has established procedures to which all its courses must comply with a standard master syllabus. The masters syllabus describes the course learning outcomes, links the course learning outcomes to the program learning outcomes, and demonstrates that the outcomes are consistent with the requirements of the UAE Qualifications Framework for the level of the degree. In addition, the syllabus outlines all the important procedures and materials that are used to achieve these learning outcomes. It serves as a base for coordinating the teaching process, especially in multi-section and multi-instructor courses.

Curriculum

Total Credits: 30 Credit Hours

Pre-core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
ACC 482-PC	Financial Accounting	-	No Prerequisite
ECO 482-PC	Introduction to Economics	-	No Prerequisite
MGT482-PC	Introduction to Management	-	No Prerequisite
BUS 482-PC	Quantitative Methods in Business	-	No Prerequisite

Core Courses

24 Total Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
ACC 522	Managerial Accounting	3	ACC 482-PC*
FIN 512	Financial Management	3	ECO 482-PC* + ACC 482-PC*
MGT 521	International Business	3	MGT 482-PC*
MGT 522	Leadership and Communication	3	No Prerequisite
MGT 523	Strategic Management in a Global Environment	3	Last Semester
MGT 524	Research Methods in Business	3	BUS482-PC*+ MGT482-PC* Co-requisite
MKT 511	Marketing Management	3	No Prerequisite
SCM 540	Operations and Supply Chain Management	3	BUS 482-PC*

Core Electives

6 Total Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
CE 1	Core Elective I	3	-
CE 2	Core Elective II	3	-

General Electives

Course Code	Course Title	Credit Hours	Prerequisite(s)
MGT 514	Organizational Behavior	3	MGT482-PC*
MGT 520	Business Ethics and Corporate Governance	3	No Prerequisite
MIS 546	Electronic Business	3	No Prerequisite
FIN 605	Investment Theory and Analysis	3	FIN 512
FIN 609	Financial Institutions and Markets	3	FIN 512
FIN 613	International Finance	3	FIN 512 + ECO 482-PC*
HRM 517	Human Resource Management in a Global Environment	3	No Prerequisite
HRM 526	Employee Performance Management	3	HRM 517
HRM 529	Managing Training and Development	3	No Prerequisite
HRM 531	Corporate Performance Management	3	HRM 526
HRM 535	Employment Law and Relations	3	No Prerequisite
MEM 501	Project Management	3	No Prerequisite
MPM 521	Project Planning, Integration, and Scope Management	3	No Prerequisite
MPM 541	Project Contract Management and Legal Aspects	3	No Prerequisite
MIS 556	Innovation and Technology Management	3	MGT 482-PC*
MGT 518	Sustainability Strategies	3	MGT 482-PC* + ACC 482-PC*
MGT 519	Building Strategic & Dynamic Capabilities	3	MGT 482-PC*

*Only required if course work not taken at the undergraduate level.

MASTER OF

BUSINESS ADMINISTRATION

Study Plan - Full Time Mode

Semester I			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ACC 522	Managerial Accounting	3	ACC 482-PC*
MKT 511	Marketing Management	3	No Prerequisite
SCM 540	Operations and Supply Chain Management	3	BUS 482-PC*

3 Courses for a total of 9 credit hours

Semester II			Total Credit Hours : 12
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGT 522	Leadership and Communication	3	No Prerequisite
FIN 512	Financial Management	3	ECO 482-PC* + ACC 482-PC*
MGT 524	Research Methods in Business	3	BUS 482-PC* + MGT 482-PC* Co-requisite
CE1	Core Elective 1	3	-

4 Courses for a total of 12 credit hours

Semester III			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGT 521	International Business Management	3	MGT 482-PC*
MGT 523	Strategic Management in a Global Environment	3	Last Semester
CE2	Core Elective 2	3	-

3 Courses for a total of 9 credit hours

MASTER OF

BUSINESS ADMINISTRATION

Study Plan - Part Time Mode (A)

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SCM 540	Operations and Supply Chain Management	3	BUS 482-PC*
MKT 511	Marketing Management	3	-

2 Courses for a total of 6 credit hours

Semester II			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ACC 522	Managerial Accounting	3	ACC 482-PC*
MGT 524	Research Methods in Business	3	BUS 482-PC* + MGT 482-PC* Co-requisite
CE1	Core Elective 1	3	-

3 Courses for a total of 9 credit hours

Semester III			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
FIN 512	Financial Management	3	ECO 482-PC* + ACC 482-PC*
MGT 522	Leadership and Communication	3	No Prerequisite
CE2	Core Elective 2	3	-

3 Courses for a total of 9 credit hours

Semester IV -			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGT 521	International Business Management	3	MGT 482-PC*
MGT 523	Strategic Management in a Global Environment	3	Last Semester

2 Courses for a total of 6 credit hours

MASTER OF
BUSINESS ADMINISTRATION
Study Plan - Part Time Mode (B)

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGT 524	Research Methods in Business	3	BUS 482-PC* + MGT 482-PC* Co-requisite
MKT 511	Marketing Management	3	No Prerequisite

2 Courses for a total of 6 credit hours

Semester II			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ACC 522	Managerial Accounting	3	ACC 482-PC*
SCM 540	Operations and Supply Chain Management	3	BUS 482-PC*

2 Courses for a total of 6 credit hours

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
FIN 512	Financial Management	3	ECO 482-PC*+ ACC 482-PC*
CE1	Core Elective 1	3	-

2 Courses for a total of 6 credit hours

Semester IV			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGT 521	International Business Management	3	MGT 482-PC*
MGT 522	Leadership and Communication	3	No Prerequisite

2 Courses for a total of 6 credit hours

Semester V			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGT 523	Strategic management in a Global Environment	3	Last Semester
CE2	Core Elective 2	3	-

2 Courses for a total of 6 credit hours

MASTER OF
STRATEGIC LEADERSHIP

Educational Aims of the Program:

The MSL program is driven by four primary goals:

Goal 1. Produce graduates with skills to critically appraise highly complex managerial issues and demonstrate leadership competencies to provide solutions that are sustainable in cross cultural contexts.

Goal 2. Develop professionals with leadership capabilities to achieve organizational sustainability.

Goal 3. Produce graduates with ethical leadership behavior who can assume responsible leadership roles in the UAE's public and private sectors.

Goal 4. Produce graduates who can design, conduct, and evaluate systematic applied research

Program Learning Outcomes (PLOs):

Following are the five learning outcomes relevant to the MSL program:

PLO1. Evaluate and apply concepts and theories of leadership on organizational issues to provide solutions that are sustainable in a cross-cultural context

PLO2. Critically evaluate team behavior and processes demonstrating reflection on personal contributions and factors that contribute to high preforming teams

PLO3. Evaluate ethical leadership behavior using relevant tools and applied research

PLO4. Incorporate sustainability in organizational decision making

PLO5. Design and execute a research project to critically examine contemporary leadership issues of global relevance

Curriculum

Total Credits: 30 Credit Hours

Core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
MSL 500	Strategic Dimensions of Business Functions	3	-
MSL 522	Leadership and Communication	3	MSL 500
MSL 524	Research Methods in Business	3	MSL 500
MSL 525	Leading Organizational Change	3	MSL 514
MSL 501	Developing a Leader Within You	3	MSL 522
MSL 514	Organizational Behavior	3	MSL 500
MSL 503	Contemporary Issues in Leadership	3	MSL 522
MSL 502	Leading and Building High Performing Teams	3	MSL 514
MSL 599	Thesis in Leadership	6	*Last Semester

* The completion of 24 credits in the MSL program to include MSL524 & to be offered only in the Fall and Spring semester

MASTER OF
STRATEGIC LEADERSHIP
Study Plan - Full Time Mode

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MSL 500	Strategic Dimensions of Business Functions	3	-
MSL 522	Leadership and Communication	3	MSL 500

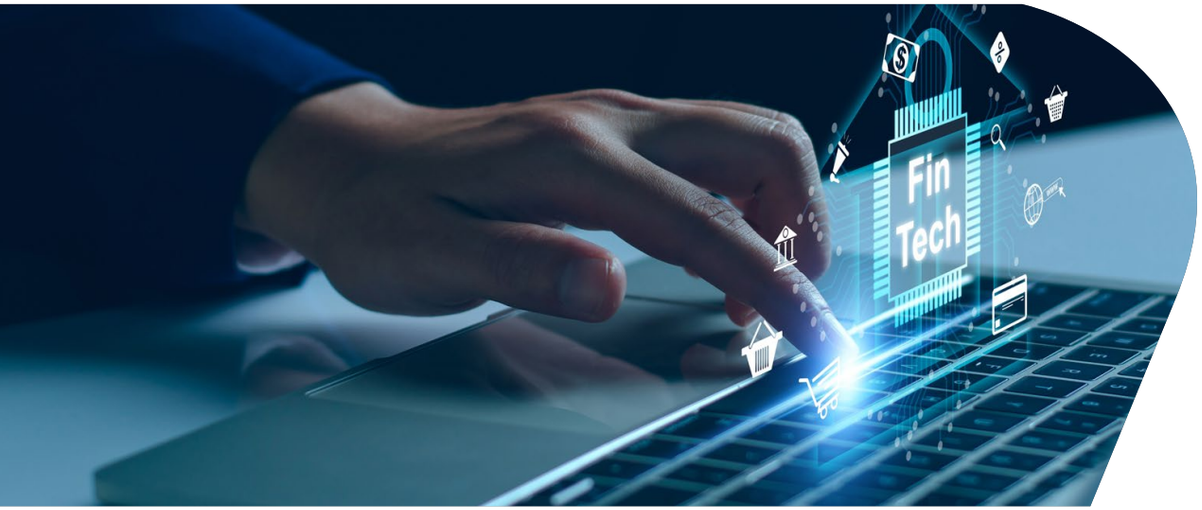
Semester II			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MSL 514	Organizational Behavior	3	MSL 500
MGT 524	Research Methods in Business	3	MSL 500

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MSL 501	Developing a Leader Within You	3	MSL 522
MSL 502	Leading and Building High performing Teams	3	MSL 514

Semester IV			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MSL 525	Leading Organizational Change	3	MSL 514
MSL 503	Contemporary Issues in Leadership	3	MSL 522

Semester V			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MSL 599	Thesis in Leadership	6	Last Semester

MASTER OF SCIENCE IN
FINANCIAL TECHNOLOGY (Fintech)



Program Goals

1. **GO1**: Equip graduates with a deep understanding of financial systems, instruments, and markets, fostering the ability to analyze and interpret complex financial data to inform decision-making processes in various business contexts.

2. **GO2**: Develop advanced skills in financial technology tools, including data analytics, blockchain, artificial intelligence, and machine learning, enabling graduates to leverage these technologies to innovate and improve financial services and products.

3. **GO3**: Instill strong ethical values and an understanding of regulatory frameworks governing financial technology, empowering graduates to lead responsibly in an evolving financial landscape while ensuring compliance and integrity in all financial operations.

4. **GO4**: Encourage collaborative problem-solving by integrating knowledge from finance, technology, business, and social sciences, equipping students to effectively address real-world challenges and drive innovation in the financial technology sector.

Program Learning Outcomes

1. **PLO1**: Demonstrate a comprehensive understanding of digital banking and financial services, including the ability to analyze and evaluate emerging trends and technologies in the FinTech landscape.

2. **PLO2**: Apply principles of blockchain and cryptocurrency to develop innovative financial solutions, assessing their potential impact on the financial services industry.

3. **PLO3**: Utilize data analytics techniques to extract insights from financial data, empowering informed decision-making and strategic planning in FinTech applications.

4. **PLO4**: Analyze and mitigate risks associated with financial technologies, understanding the regulatory frameworks and compliance requirements essential for effective risk management in the industry.

5. **PLO5**: Design artificial intelligence solutions tailored to the financial sector, to enhance financial services operations.

6. **PLO6**: Evaluate e-commerce and payment systems, including evaluating different technologies and methodologies to optimize user experiences and operational efficiency in financial transactions.

7. **PLO7**: Conduct original research through the thesis project that addresses a real-world problem in the FinTech industry, showcasing the ability to integrate theoretical knowledge with practical application and contribute to the advancement of financial technology solutions.

Curriculum

Total Credits: 33 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
FNT501	Digital Banking and Financial Services	3	None
FNT502	Regulatory Frameworks for Fintech (Online)	3	None
FNT503	Data Analytics in Finance	3	FNT501
FNT504	Blockchain and Cryptocurrency	3	FNT501
FNT505	Artificial Intelligence in Finance	3	FNT503
FNT506	Risk Management in Fintech (online)	3	FNT502, FNT503
FNT507	E-commerce and Payment Systems	3	FNT502, FNT504
FNT508	Financial Modeling and Valuation	3	FNT501, FNT503
FNT509	Cybersecurity in Financial Services	3	FNT502, FNT507
FNT599	Thesis Research in FinTech	6	27 Credit Completion

MASTER OF SCIENCE IN

FINANCIAL TECHNOLOGY

Study Plan - Full Time Mode

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
FNT501	Digital Banking and Financial Services	3	None
FNT502	Regulatory Frameworks for Fintech (Online)	3	None

Semester II			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
FNT503	Data Analytics in Finance	3	FNT501
FNT504	Blockchain and Cryptocurrency	3	FNT501

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
FNT505	Artificial Intelligence in Finance	3	FNT503
FNT506	Risk Management in Fintech (online)	3	FNT502, FNT503

Semester IV			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
FNT507	E-commerce and Payment Systems	3	FNT502, FNT504
FNT508	Financial Modeling and Valuation	3	FNT501, FNT503

Semester V			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
FNT509	Cybersecurity in Financial Services	3	FNT502, FNT507
FNT599	Thesis Research in FinTech	6	27 Credit Completion

Semester VI		
	Thesis Research in FinTech (Continuation and Completion)	

MASTER OF SCIENCE IN

STRATEGIC DIGITAL TRANSFORMATION

Program Goals

The main objective of the MSc in Strategic Digital Transformation:

G1. Produce graduates empowered to design, create and execute digital innovation initiatives employing digital platforms to develop innovative solutions to emerging challenges in business and government.

G2. Produce graduates with the required knowledge and skills to adapt available digital tools to develop innovative business models that support technology- enabled disruption.

G3. Produce graduates capable of critically analyzing the principles and practices required to enable positive digital transformation with legal ethical and cultural sensitivity.

G4. Produce graduates with the research, analyses, and presentation skills required to initiate and lead digital transformation projects employing emerging disruptive technologies.

Program Learning Outcomes

PLO1: Develop digital transformation strategies based on the analysis of current and emerging technologies and their impact on business and government.

PLO2: Apply concepts and theories of digital transformation, innovation, agile project management, and data analysis to address digital transformation opportunities and challenges.

PLO3: Critically evaluate operational processes and systems to develop innovative, data driven business models that support technology-enabled disruption and create additional value.

PLO4: Apply design thinking processes to develop new digital offerings compliant with legal, ethical, and sustainability principles.

PLO5: Design and execute digital research initiatives to develop new products, services, and entrepreneurial ventures in business and government.

Curriculum

Course Code	Course Title	Credit Hours	Prerequisite(s)
SDT 500	Strategic Dimensions of Business Functions	3	None
SDT 525	Digital Strategy and Business Models	3	SDT 500
SDT 526	Digital Innovation and Design Thinking	3	SDT 500
SDT 527	Digital Culture (online)	3	SDT 500
SDT 528	Disruptive Technologies	3	SDT 500
SDT 529	Agile Project Management	3	SDT 500
SDT 530	Governance, Ethics and Cyber Security (online)	3	SDT 500
SDT 531	Data Driven Businesses	3	SDT 500
SDT 599	Applied Research Thesis	6	SDT 531+SDT500+21 Credit Hours

MASTER OF SCIENCE IN STRATEGIC DIGITAL TRANSFORMATION

Study Plan - Full Time Mode

Semester I			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 500	Strategic Dimensions of Business Functions	3	None
SDT 525	Digital Strategy and Business Models	3	SDT 500
SDT 526	Digital Innovation and Design Thinking	3	SDT 500
SDT 527	Digital Culture (online)	3	SDT 500

4 Courses: 12 credit hours

Semester II			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 528	Disruptive Technologies	3	SDT 500
SDT 529	Agile Project Management	3	SDT 500
SDT 530	Governance, Ethics and Cyber Security (online)	3	SDT 500
SDT 531	Data Driven Businesses	3	SDT 500

4 Courses: 12 credit hours

Semester III			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 599	Applied Research Thesis	6	SDT531+SDT500+21 Credit Hours

MASTER OF SCIENCE IN

STRATEGIC DIGITAL TRANSFORMATION

Study Plan - Part Time Mode

Semester I			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 500	Strategic Dimensions of Business Functions	3	None
SDT 525	Digital Strategy and Business Models	3	SDT 500

2 Courses: 6 credit hours

Semester II			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 526	Digital Innovation and Design Thinking	3	SDT 500
SDT 527	Digital Culture (online)	3	SDT 500

2 Courses: 6 credit hours

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 528	Disruptive Technologies	3	SDT 500
SDT 529	Agile Project Management	3	SDT 500

2 Courses: 6 credit hours

Semester IV			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 530	Governance, Ethics and Cyber Security (online)	3	SDT 500
SDT 531	Data Driven Businesses	3	SDT 500

2 Courses: 6 credit hours

Semester V			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
SDT 599	Applied Research Thesis	6	SDT531+SDT500+21 Credit Hours

DOCTOR OF

BUSINESS ADMINISTRATION

Program Mission

The DBA Program produces business leaders with advanced and applied business research capabilities within the context of today's dynamic global business environment. The DBA is available to a small, select group of experienced executives who are committed to pursuing formal, rigorous study as practitioner-scholars. By addressing practicing executives' specialized needs for advanced knowledge and applied research skills, the DBA Program enables dedicated professionals to detect patterns of change, and to become more proactive and agile in leading the change. The program develops the analytical and creative capabilities of middle and senior managers to conduct research on the problem of practice guided by internationally recognized senior faculty with outstanding records of scholarship. The DBA graduates will become better strategic thinkers through the process of scientific inquiry, and will be able to explore new horizons of executive leadership within their organizations and beyond.

Program Goals and Objectives

The following goals and objectives in relation to the program's learning process are derived from the DBA Program mission:

Goal 1: Provide Student-Centered Learning

- Provide students with personalized attention inside and outside of the classroom
- Build a cohesive learning community among students, faculty, alumni, organizations and government bodies

Goal 2: Enhance Knowledge and Lifelong Learning

- Provide a curriculum that reflects current and relevant knowledge and practices in business
- Sustain a dynamic curriculum with ongoing revisions to support learning and scholarship
- Develop competencies that enhance lifelong learning
- Encourage the professional development of members of the community

Goal 3: Increase Engagement

- Ensure an interactive/experiential learning experience
- Be responsive to the needs of our communities by conducting original applied research attempting to find solutions to the issues facing the business, the government, and the society of the UAE
- Support initiatives in the business community and the government
- Establish a long-lasting and all-encompassing relationship with major stakeholders in the nation to advance the intellectual capital at the leadership level of the country

Goal 4: Encourage Leadership, Creativity, Innovation, and Ethics

- Foster a learning environment that values creativity and innovation
- Foster a leadership mindset through training in cooperative and active learning
- Foster diversity, social responsibility, integrity, and accountability

Learning Outcomes

Upon successful completion of this program, the graduates will be able to:

1. Critically evaluate contemporary businesses administration issues with an emphasis on sustainable business practices and the various approaches to address them.
2. Apply a range of quantitative and/or qualitative research methods to solve current and dynamic business problems.
3. Apply advanced knowledge in business management and practical research skills to solve complex business problems and/or create sustainable business organizations.
4. Defend research/dissertation that: (a) contains critical evaluation and synthesis of existing body of knowledge in a relevant area of business administration; (b) makes original contribution and impact to knowledge in business administration; (c) adheres to the ethical standards in executing business administration research; and (d) merits publication.
5. Demonstrate superior proficiency in articulating research ideas in writing and presentations.

Curriculum

Total Credits: 66 Credit Hours

Pre-core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
BUS 482-PC	Quantitative Methods in Business	-	No Prerequisite
ECO 482-PC	Introduction to Economics	-	No Prerequisite
MGT 482-PC	Introduction to Management	-	No Prerequisite

Phase I: Coursework including Research Proposal — 39 Total Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
COMM1	Communication and Leadership	3	No Prerequisite
METH1	Introduction to Business Research	3	COMM1 Co-requisite
METH2A	Qualitative Methods for Research I – Design	3	METH1
METH2B	Qualitative Methods for Research II – Analysis	3	METH2A
METH3A	Quantitative Methods for Research I – Design	3	METH1
METH3B	Quantitative Methods for Research II – Analysis	3	METH3A
MGMT1	Management of Change and Innovation	3	COMM1
MGMT2	Seminar in Strategic Management	3	COMM1
MGMT3	Leadership	3	COMM1
MGMT4	Seminar in Organization Theory and Behavior	3	COMM1
MGMT5	Managerial Decision Making	3	COMM1
MGMT6	Global Issues in Business	3	COMM1
RSCH1	Research Proposal	3	METH2B + METH3B

Phase II: Dissertation — 27 Total Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
COMM2	Dissertation Writing	3	Completion of Phase I** or Department Consent
RSCH2	Dissertation	24	Admission to Phase II***

*Only required if course work not taken at the undergraduate level.

** Successful completion of all courses in Phase 1 with a minimum CGPA of 3.00

*** Completion of Phase 1 and COMM2

Eligibility for Admission:

Admission to Phase I: Coursework including Research Proposal

1. Candidates must hold either a master's degree in business or business related area with a CGPA of 3.00 or above
2. Fluency in English at a TOEFL level of 550, iBT min 79 / ITP min 550 (taken at ADUKG or Amideast only) / Academic IELTs 6.0 or equivalent
3. Professional Recommendations
4. Evidence of at least 2 years of work experience at the middle to upper management level
5. Panel Interview

Admission to Phase II: Dissertation

1. A CGPA of 3.00 or above in the coursework requirements in Phase I
2. A "Pass" grade in the Research Proposal Defense.

The Doctoral Dissertation Requirement

Doctoral graduates are judged by the quality of their dissertation research. An Abu Dhabi University doctoral student is expected to produce a dissertation that:

- Is based on original research that makes a significant contribution to knowledge in the discipline;
- Reflects the integration of practice and scholarly work;
- Addresses a problem of interest to current practitioners;
- Is of publishable quality; and
- Demonstrates expertise in a specialization area within the degree program, as well as competence in evaluating the literature and practice of that area of specialization.

The research strategy, scope of the research and academic rigor should be consistent with the highest level dissertation research that is expected in the discipline. Faculty members should direct students to research areas that will satisfy these requirements and assure that research proposals and conceptual designs provide the foundations for high-quality work. A dissertation is expected to consist of objective research; it is not an essay or a statement to support a position. The following guidelines will assist in developing a dissertation:

- The purpose of the dissertation should be clear, achievable and consistent throughout.
- The concepts, ideas, and questions should be specific, clearly defined, relevant to the problem identified in the dissertation, and of significant depth.
- The point of view from which the research is conducted should be of significant breadth, fair and objective, and clearly stated.
- If empirical data are used, it should be defined, measured, collected, analyzed and interpreted with the highest level of rigor.
- All assumptions made by the author of the dissertation should be clear, justifiable and consistent.
- Implications and consequences of the research should be completely and clearly articulated, realistic, and significant.
- Inferences and conclusions made by the author of the dissertation should be clear, supported by the research, reasonable, consistent and of significant depth.

Selection of a dissertation research topic is a collaborative effort between the student and the prospective chairperson. A student works independently to complete the dissertation, but must be in contact with the chairperson and the appropriate committee member on a regular basis to assure that the work will satisfy the quality expectations of the University. Failure to obtain the chairperson's approval at appropriate stages of the research may result in a completed dissertation that is not approved and requires substantial revision or selection of another topic.

One Publication Dissertation Requirement

The Doctor of Business Administration (DBA) program at Abu Dhabi University (ADU) requires that a minimum of one journal article must be accepted for publication in a scientific, refereed journal prior to the doctoral dissertation submission to external reviewers for assessment. The publication must be based on data that are analyzed by the student and it must be connected to the theme or themes of the dissertation. Publication in journals which are solely based on a submission/acceptance pays model is not accepted as part of dissertation requirements. The article(s) are to be coauthored with one or two members of the dissertation committee.

Details of Publication Requirements:

(a) The publication must be in a SCOPUS indexed journal ranked as Quartile 1 or Quartile 2 only. Journals indexed by SCOPUS can be found at this link. https://www.scopus.com/sources?zone=TopNavBar&origin=NO%20ORIGIN%20DEFINED

(b) The impact factor of the journal must be at or above 1.20 (SNIP) based on SCOPUS Journal Rank (SJR).

(c) The article must be published in a reputable business journal from a known publisher (i.e., Elsevier Science Ltd, Sage

Publications, Springer, Palgrave-Macmillan, Routledge Taylor and Francis, Wiley-Blackwell, Emerald Publishing, Edward Elgar, Cambridge University Press, Inderscience, etc.)

(d) The publication must be listed on the Australian Business Deans Council (ABDC) or on the Chartered Association of Business Schools (CABS) journal ranking list.

Students must be first author on all articles. As first authors, students are responsible for:

- Development and articulation of a concept or idea for research;
- Development of a proposal to pursue this idea;
- Development of a research design;
- Conducting research and analysis;
- Writing major portions of a manuscript;

DOCTOR OF

BUSINESS ADMINISTRATION PROGRAM Study Plan

Phase I: Coursework including Research Proposal — 39 Total Credit Hours

Academic Year I

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
COMM1	Communication and Leadership	3	No Prerequisite
METH1	Introduction to Business Research	3	Co-requisite of COMM1

Semester II			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGMT1	Management of Change and Innovation	3	COMM1

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
METH2A	Qualitative Methods for Research I – Design	3	METH1
METH3A	Quantitative Methods for Research I – Design	3	METH1

Semester IV			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGMT2	Seminar in Strategic Management	3	COMM1

Academic Year II

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
METH2B	Qualitative Methods for Research II – Analysis	3	METH2A
METH3B	Quantitative Methods for Research II – Analysis	3	METH3A

Semester II			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGMT3	Leadership	3	COMM1

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGMT4	Seminar in Organization Theory and Behavior	3	COMM1
MGMT5	Managerial Decision Making	3	COMM1

Semester IV			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MGMT6	Global Issues in Business	3	COMM1

Academic Year III

Semester I			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
RSCH1	Research Proposal	3	METH2B + METH3B

Research Proposal Defense

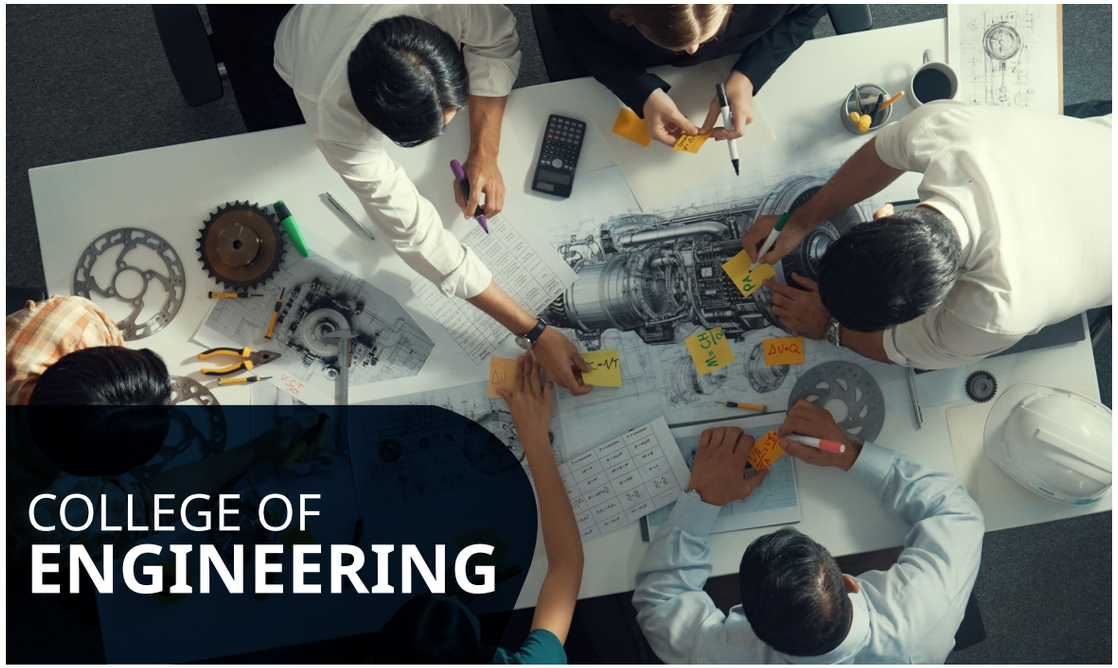
Phase II: Dissertation — 27 Total Credit Hours

Semester II			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
COMM2	Dissertation Writing	3	Admission to Phase II

Academic Year IV

Semester I			Total Credit Hours : 12
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
RSCH2 (A)	Dissertation	12	Admission to Phase II

Semester II			Total Credit Hours : 12
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
RSCH2 (B)	Dissertation	12	Admission to Phase II
Dissertation Defense			



Introduction

Dean - Dr. Hamdi Sheibani

The College of Engineering (COE) at Abu Dhabi University offers fifteen bachelor's degree programs, seven master's degree programs, two PhD programs, four minors, and nine concentrations making it one of the most comprehensive suites of engineering program offerings in the UAE. All our degrees are designed following American and UAE standards to produce rounded graduates who are well-trained complex-problem solvers, talented designers, effective team players and communicators, life-long learners, and holistic citizens always upholding their professional responsibilities in service of their society and community.

At Abu Dhabi University's College of Engineering, our forward-thinking and industry-relevant programs are designed to empower graduates with the knowledge and skills required to thrive in both public and private sectors. Our alumni are well-prepared to contribute across a wide range of industries, including high-tech, energy, healthcare, computing, telecommunications, manufacturing, oil and gas, construction, and design, within the UAE, the region, and the world. Whether joining government agencies, multinational corporations, consultancies, or entrepreneurial ventures, our graduates are equipped to lead with innovation and integrity. Furthermore, our programs provide a strong foundation for those pursuing advanced studies at top institutions worldwide, reflecting our commitment to academic excellence, global engagement, and impactful societal contribution.

Accreditation

Accreditation is a testament of program and graduate quality. It gives employers, parents, students, and graduate schools a piece of mind that they have made the right choice in selecting employees or graduate school applicants. All COE programs are accredited by the Commission for Academic Accreditation of the Ministry of Education in the UAE. Additionally, COE programs are reviewed and approved by the Western Association of Schools and Colleges in the USA as part of ADU's institutional accreditation. COE students additionally enjoy program-specific world-class accreditation by some of the best accrediting bodies of engineering, computing (ABET), and architecture (RIBA) programs in the world.

RIBA Validation is a peer review process that monitors compliance with internationally recognized minimum standards in architectural education and encourages excellence and diversity in student achievement. The COE Bachelor of Architecture program is RIBA-accredited.

College Vision and Mission

The vision of the COE is to be internationally recognized for high quality engineering education, applied research, innovation and contributions to advancing regional development.

The mission of the COE at Abu Dhabi University is to educate highly qualified engineering graduates and conduct innovative applied research, meeting the industrial and economic development needs of the UAE, the region, and the international community.

Objectives

The objectives of the COE are to:

1. Be recognized as the center of academic excellence in engineering education in UAE and one of the best in the Arab world;
2. Develop and maintain comprehensive engineering programs with world class curricula;
3. Develop and maintain world-class facilities for engineering education;
4. Hire, motivate, and reward superior faculty members;
5. Produce graduates with the ability to analyze, design, test and implement high quality engineering solutions for real-life problems;
6. Inculcate in students a sense of professional engineering and computer science ethics and full accountability for their work;
7. Develop graduate programs and increase research and scholarly activity with focus on applied research;
8. Communicate and collaborate effectively with the UAE society; and
9. Diversify financial resources

Curricular Structure

Graduate programs curricula in the COE are designed to meet the UAE Qualification Framework – Level 9. The programs offer both a breadth of advanced technical topics to produce well-rounded graduates and a depth through specialized advanced courses. Students customize their degrees to their aspirations through advanced technical and non-technical elective courses. Students also complete a major project or original thesis as a culminating experience before graduation. All COE graduate programs are completed in two years. Students who find themselves needing to take additional courses to prepare for their graduate studies can do so from our wide spectrum of preparatory courses offered at the undergraduate-level.

Co-Curricular Activities

Students in the college are offered learning and professional development opportunities beyond the classroom and the laboratory through numerous co-curricular activities including field trips, competitions, exhibitions, invited talks, seminars, training, conferences, and forums. They have a track record of securing top places in major national and international competitions throughout the academic year. The College empowers students by supporting the following professional student clubs, most of which are student branches of international professional societies:

- Institute of Electrical and Electronics Engineers (IEEE) Student Branch
- American Society of Mechanical Engineers (ASME) Student Section
- American Society of Civil Engineers (ASCE) Student Chapter
- American Institute of Chemical Engineers (AIChE) Student Chapter
- Architecture and Design Club
- Aviation Club
- Association for Computing Machinery (ACM) Student Chapter

Postgraduate Programs

The College offers the following postgraduate programs:

- Master of Engineering Management
- Master of Project Management
- Master of Science in Information Technology
- Master of Science in Electrical and Computer Engineering
- Master of Science in Mechanical Engineering
- Master of Science in Cybersecurity
- Master of Science in Artificial Intelligence
- Doctor of Philosophy in Engineering Management
- Doctor of Philosophy in Intelligent Systems Engineering

College of Engineering in Dubai

Abu Dhabi University's well-established Dubai campus offers a strategic hub for postgraduate studies in engineering. The College of Engineering delivers advanced, industry-relevant graduate programs tailored to meet the growing

demand for specialized engineering talent in the UAE, the region, and beyond. Supported by experienced faculty and a professional learning environment, the Dubai campus is ideally positioned to serve working professionals and aspiring innovators, contributing to national development goals and global competitiveness through high-quality, research-driven education.

College of Engineering Program Offering in Dubai Campus

- Masters in Artificial Intelligence (AI)
- Master in Engineering Management
- Master in Project Management

Faculty and Laboratories

To support the delivery of its programs, the College hires highly qualified faculty members have international academic and industrial experiences in their fields and have obtained their Ph.D.'s from prominent universities in North America, Europe and Australia.

The College houses modern facilities and specialized engineering in the new Umm Al Emarat Building in ADU's Abu Dhabi Campus. These labs are furnished with the state-of-the-art equipment and benches to help our students acquire the hands-on experience needed to pursue a successful professional engineering career. COE labs include:

- Environmental Engineering Lab
- Construction Materials & Structures Lab
- Hydraulics & Fluid Mechanics Lab
- Soil Mechanics Lab
- Manufacturing CAD/CAM Lab
- Thermofluids Lab
- Control and Mechatronics Lab
- Machine Shop
- Communications Lab
- Microelectronics Lab
- Circuits & Internet of Things Lab
- Power & Renewable Energy Lab
- Bio-Imaging and Machine Learning Lab
- Chemical Reaction Engineering &Process Control Lab
- Process Technology & Instrumentation Lab
- Unit Operations Lab
- Model Making Lab
- General Purpose Computer Labs
- Computer-Aided Design Labs
- Networking & Cloud Computing Lab (Cisco Academy)
- Mobile & Security Lab
- scientific Air Traffic Management Lab (sATM)
- Classic Aviation Simulation Lab
- Drone Lab
- Artificial Intelligence Lab (Huawei Academy)

Assessment and Curricular Review

Programs in the COE are constantly up-to-date thanks to robust and rich assessment practices at the program and course levels providing the feedback necessary for continuous improvement. The College is responsive to market and stakeholder needs. Elective and core courses in hot areas are constantly added to ensure the competitiveness and the high employability of the College graduates.

MASTER OF
ENGINEERING MANAGEMENT

Introduction

The Master of Engineering Management program at Abu Dhabi University is offered by the College of Engineering. The program accepted the first cohort of students in Spring 2013.

The rigorous academic requirements and program reputation has made it attractive to professionals and engineers, who plan to take the next step in their professional career.

The program curriculum consists of 10 courses (30 credit hours), 6 of which are core courses, 2 are program elective courses, and 2 courses are dedicated to Master Thesis research. The Master Thesis culminates in the submission of a paper to a Scopus-indexed conference or international scientific journal. The program accepts students with a bachelor's degree in engineering, architecture, computer science, information technology or other related science fields.

The MEM program was introduced at Abu Dhabi University in response to the UAE market needs where effective management is driving many technological, cutting-edge sectors in the UAE. A large part of the student body consists of professionals from, among others, the oil and gas industry, the energy and water sector, the nuclear industry, municipalities, regulatory agencies, Ministries, and the construction industry.

Program Mission

The mission of the Master of Engineering Management program is to provide an opportunity for engineers and working professionals to obtain a master's degree in engineering management on a carefully designed schedule that minimizes disruption of work commitments while retaining academic rigor and excellence.

The program will enable its graduates to develop an understanding of latest engineering management issues and to become strategic leaders capable of managing organizations in dynamic environments.

Curriculum

Program Component	Courses	Credit Hours
Program Core	7	21
Program Electives[1]	3	9

[1] Electives: Please note that for Track 1 students must choose three elective courses, whereas for Track 2 students must do the Master Thesis 1 and 2 and in addition choose one elective course

Required Core Courses : 7 Core Courses (21 Total Credit Hours)

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 501	Project Management	3	No Prerequisite
MEM 503	Advanced Engineering Data Analysis	3	STT 1OO or equivalent
MEM 504	Quality Engineering & Management	3	MEM 503
MEM 506	Operations Research & Simulations	3	No Prerequisite
MEM 507	Systems Engineering	3	No Prerequisite
MEM 509	Digital Transformation and AI Applications	3	No Prerequisite
MEM 511	Operations and Supply Chain Management	3	MEM 506

Track 1: Master in Engineering Management

Students must choose 3 courses from the list of elective courses below

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 510	Innovation & Entrepreneurship	3	No Prerequisite
MEM 502	Advanced Engineering Economics	3	COE 202-PC
MEM 508	Engineering Risk Analysis & Management	3	MEM 503
MPM 531	Sustainability & Professionalism in Project Management	3	No Prerequisite
ACC 522	Advanced Managerial Accounting	3	ACC 482-PC
MGT 523	Strategic Management	3	Last Semester

Track 2: Master of Science in Engineering Management

Students must register for both MEM 598 and MEM 599 AND choose one course from the list of elective courses of Track 1

Completion of MEM599 requires submission of a draft paper to a Scopus-indexed conference or international journal

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 598	Master Thesis 1	3	Completion of 15 credits that include MEM 503
MEM 599	Master Thesis 2	3	MEM 598

MASTER OF ENGINEERING MANAGEMENT

Study Plan

The following is a 4-semester model study plan that is based on a student taking 2 courses every semester, including a winter semester, after completing remedial courses, if needed.

Semester I			Total Credit Hours: 6
Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 501	Project Management	3	No Prerequisite
MEM 503	Advanced Engineering Data Analysis	3	STT 100 or equivalent

Semester II			Total Credit Hours: 6
Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 506	Operations Research & Simulation	3	No Prerequisite
EL 1	Elective Title	3	Prerequisite requirement per elective

Winter Semester			Total Credit Hours: 6
Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 507	Systems Engineering	3	No Prerequisite
EL 2	Elective Title	3	Prerequisite requirement per elective

Semester III			Total Credit Hours: 6
Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 504	Quality Engineering & Management	3	MEM 503
MEM 509	Digital Transformation and AI Applications	3	No Prerequisite

Semester IV			Total Credit Hours: 6
Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 511	Operations and Supply Chain Management	3	MEM 506
EL 3	Elective Title	3	Prerequisite requirement per elective

[1] Completion of MEM599 requires submission of a draft paper to a Scopus-indexed conference or international journal

MASTER OF
PROJECT MANAGEMENT

Introduction

The Master of Project Management program at Abu Dhabi University is offered by the College of Engineering. The program accepted the first cohort of students in Spring 2013.

The rigorous academic requirements of the program are complemented by the Project Management Body of Knowledge (PMBOK)®,developed by the Project Management Institute (PMI). Thus, the program prepares the students to take the exam of Project Management Professional (PMP) certification offered by the PMI and makes the program more attractive to professionals and engineers who plan to become certified Project Managers.

The program curriculum consists of 10 courses (30 credit hours), 6 of which are core courses, 2 are program elective courses, and 2 courses are dedicated to Master Thesis research. The Master Thesis culminates in the submission of a paper to a Scopus-indexed conference or international scientific journal. The program accepts students with a bachelor's degree in engineering, architecture, computer science, information technology or other relevant to the program bachelor's degree holders.

The MPM program was introduced at Abu Dhabi University in response to the UAE market needs where effective project management is driving many sectors of the industry and where project managers are crucial to the UAE public and private firms. The graduates of this program will train Emirati and expatriate professionals to lead and manage projects in the UAE project-based industries.

Program Mission

The mission of the Master of Project Management program is to provide an opportunity for engineers and working professionals to obtain a master's degree in project management on a carefully designed schedule that minimizes disruption of work commitments while retaining academic rigor and excellence.

The program is designed to provide project managers and business executives a wide range of new skills that would enhance their analytical abilities and knowledge of Project Management, thus making them an asset to their organizations. The program will enable its graduates to develop an understanding of latest project management issues and to gain managerial skills that are essential for effective project management, including project planning, integration, scope management, scheduling, costing, contract management, analysis of project risks, progress communication to stakeholders, sustainability, ethical, and legal aspects, and organizational principles.

Upon completion of the 6 core courses of the program, students will be offered two certificates from Abu Dhabi University, the first one is a Certificate in Project Management Fundamentals, and the second is a Certificate in Advanced Project Management.

Curriculum

Program Component	Courses	Credit Hours
Program Core	7	21
Program Electives[1]	3	9

[1] Electives: Please note that for Track 1 students must choose three elective courses, whereas for Track 2 students must do the Master Thesis 1 and 2 and in addition choose one elective course

Required Core Courses : 7 Core Courses (21 Total Credit Hours)

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 501	Project Management	3	No Prerequisite
MEM 503	Advanced Engineering Data Analysis	3	STT 100 or equivalent
MPM 521	Project Planning, Integration, and Scope Management	3	Co-requisite MEM 501
MPM 541	Project Contract Management and Legal Aspects	3	No Prerequisite
MPM 531	Sustainability & Professionalism in Project Management	3	No Prerequisite
MPM 561	Project Scheduling and Time Management	3	MEM 501
MPM 581	Project Costing and Financial Management	3	MEM 501

Track 1: Course-based Master

Students must choose 3 courses from the list of elective courses below

Course Code	Course Title	Credit Hours	Prerequisite(s)
MPM 571	Digital Technologies for Project Manage-ment	3	MEM 501
MEM 506	Operations Research & Simulation	3	No Prerequisite
MEM 508	Engineering Risk Analysis & Management	3	MEM 503
MEM 510	Innovation & Entrepreneurship	3	No Prerequisite
MEM 504	Quality Engineering & Management	3	MEM 503
MGT 523	Strategic Management	3	Last Semester

Track 2: Research Thesis-based Master

Students must register for both MPM 598 and MPM 599 AND choose one course from the list of elective courses of Track 1

Completion of MPM599 requires submission of a draft paper to a Scopus-indexed conference or international journal

Course Code	Course Title	Credit Hours	Prerequisite(s)
MPM 598	Master's Thesis in Project Management-1	3	Completion of 15 credits that include MEM 503
MPM 599	Master's Thesis in Project Management-2	3	MPM 598

MASTER OF PROJECT MANAGEMENT

Study Plan

The following is a 4-semester model study plan that is based on a student taking 2 courses every semester, including a winter semester, after completing remedial courses,

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MEM 501	Project Management	3	No Prerequisite
MPM 521	Project Planning, Integration, and Scope Management	3	No Prerequisite

Semester II			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPM 541	Project Contract Management and Legal Aspects	3	None
MEM 503	Advanced Engineering Data Analysis	3	STT 100 or equivalent

Winter Semester			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPM 531	Sustainability & Professionalism in Project Management	3	No Prerequisite
MPM 561	Project Scheduling and Time Management	3	MEM 501

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EL 1	Elective Title	3	Prerequisite requirement per elective
MPM 581	Project Costing and Financial Management	3	MEM 501

Semester IV			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
EL 2	Elective Title	3	Prerequisite requirement per elective
EL 2	Elective Title	3	Prerequisite requirement per elective

[1] Completion of MPM599 requires submission of a draft paper to a Scopus-indexed conference or international journal

MASTER OF SCIENCE IN
INFORMATION TECHNOLOGY

Introduction

The Master of Science in Information Technology (MSIT) program at Abu Dhabi University is offered by the College of Engineering (CoE). The program requires the completion of 7 graduate-level courses (21 credit hours) in addition to a master's thesis (9 credit hours).

Program Mission

The mission of the MSIT program is aligned with ADU mission by providing prospective students, both fresh IT graduates as well as working professionals, with an excellent opportunity to obtain a master's degree in Information Technology. The program offers graduates a highly rewarding career-oriented graduate degree that will improve their chances and contribute to the progress of their career. The program will enable its graduates to develop an understanding of the latest Information Technology issues and to gain technical skills that are essential for effective IT professionals. The MSIT program is also aligned with the needs of the UAE and the region. The UAE economy in general, and Abu Dhabi in particular, is in high demand for IT professionals with advanced degrees to develop and manage the various growing sectors such as the banking industry, the construction industry, and the telecommunication industry.

Curriculum

Program Component	Courses	Credit Hours
Program Core	7	21
Thesis	2	9
Total	9	30

Core Courses

30 Total Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
ITE 501	Cloud Computing	3	Graduate status
ITE 503	Research Methods and Communications	3	Graduate status
ITE 504	Advanced Big Data Analytics	3	Graduate status
ITE 510	Advanced Data Communication and Computer Networks	3	Graduate status
CSE 511	Advanced Ethical Hacking and Penetration Testing	3	Graduate status
ITE 515	Artificial Intelligence	3	Graduate status
ITE 591A	Master's Thesis in IT - Part 1	3	15 Credits
ITE 591B	Master's Thesis in IT - Part 2	6	ITE 591A
ME	Major Elective	3	Graduate status

Elective Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
CSE 501	Cryptography and Network Security	3	Pre-core CSC305
CSE 502	Security Risk Assessment and Auditing	3	Graduate status
CSE 512	Advanced Cyber Digital Forensics	3	Graduate status
ITE 530	Advanced Selected Topics in IT	3	Graduate status

MASTER OF SCIENCE IN

INFORMATION TECHNOLOGY

Study Plan (Full Time Student)

Semester I			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ITE 501	Cloud Computing	3	Graduate status
ITE 503	Research Methods and Communications	3	Graduate status
ITE 515	Artificial Intelligence	3	Graduate status

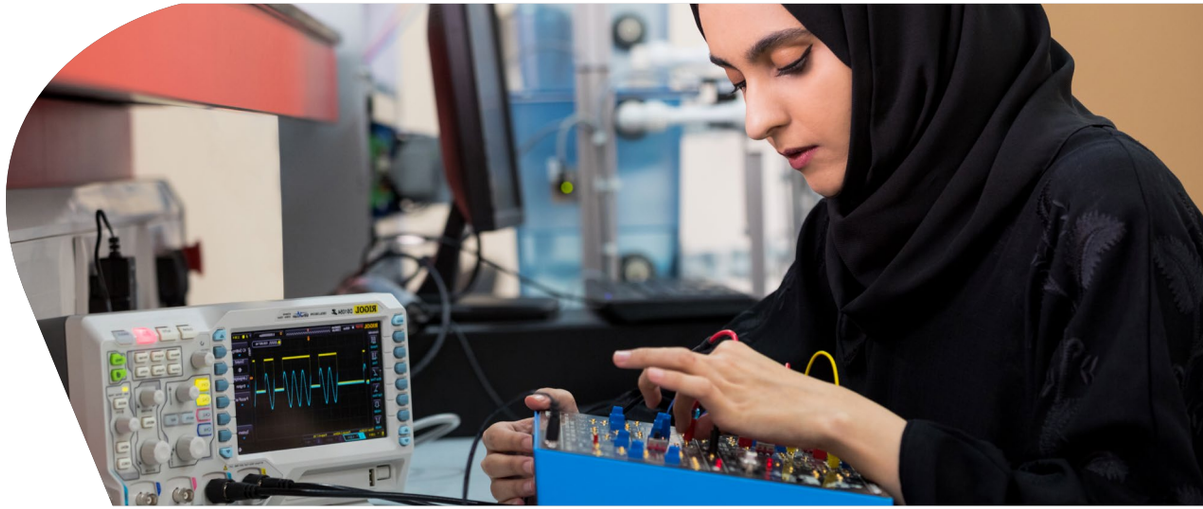
Semester II			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ITE 510	Advanced Data Communication and Computer Networks	3	Graduate status
CSE 511	Advanced Ethical Hacking and Penetration Testing	3	Graduate status
ME	Major Elective	3	Graduate status

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ITE 504	Advanced Big Data Analytics	3	Graduate status
ITE 591A	Master's Thesis in IT - Part 1	3	15 Credits

Semester IV			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ITE 591B	Master's Thesis in IT - Part 2	3	ITE 591A

MASTER OF SCIENCE IN

ELECTRICAL AND COMPUTER ENGINEERING



Introduction

The College of Engineering (COE) at Abu Dhabi University offers the Master of Science in Electrical and Computer Engineering (MSECE) program. The MSECE program offers students opportunities for advanced education in the field of Electrical and Computer Engineering (ECE), thus producing engineers with state-of-the-art specialized technical knowledge and skills who are ready to serve as experts in their fields and/or to pursue PhD degrees in ECE. The MSECE program has a coursework option and a thesis option. In the coursework option, students are required to complete 10 graduate-level courses (30 credit hours) in addition to a capstone project (3 credit hours). For the thesis option, students complete 9 graduate-level courses (27 credit hours) and a thesis (6 credit hours). The program accepts students with bachelor's degrees in Electrical Engineering, Computer Engineering, or related fields. Students who lack the necessary background in certain topics, as per their undergraduate transcript, may be admitted conditionally. Such students will need to take some undergraduate-level courses as remedial courses or pass challenge exams as determined by the Program Director.

The MSECE paves the way for advancement in professional practice. Graduates of the program are ready to tackle complex problems in the areas of microelectronics, communications and networking, power and renewable energy, embedded systems, robotics, the Internet of Things, machine learning, signal processing, and information technology. The graduates achieve the breadth and depth of knowledge and skills needed to innovate in today and tomorrow's world where innovation, technology, communication, and energy are the driving forces for economic growth and prosperity. The program is designed with a schedule that minimizes disruption of work commitments.

The program aims at producing graduate who can (i) apply current techniques, skills, and necessary tools in Electrical and Computer Engineering practices, (ii) develop focused knowledge in areas of specialization in Electrical and Computer Engineering, (iii) formulate, analyze and solve problems within the discipline, (iv) develop critical

thinking, problem investigation, design, and research skills, (v) demonstrate effective oral and written communication skills, (vi) recognize the social and ethical responsibilities of a professional working in the discipline, (vii) recognize the need for, and engage in life-long learning, and (viii) function effectively in teams to accomplish common goals.

This program has been introduced at Abu Dhabi University in response to UAE market needs and is aligned with Abu Dhabi Vision 2030. It also comes at the perfect time to serve the innovation movement in the country and the marsh towards smart cities with smart services in the area of education, health, government, industry, and business.

Program Mission

The mission of the M.Sc in ECE program is to provide an opportunity for fresh graduates in Electrical and Computer Engineering or related field as well as working electrical and computer professionals to obtain a Master degree in Electrical and Computer Engineering on a carefully designed schedule that minimizes disruption of work commitments. The program is designed to provide electrical and computer professionals with a wide range of technical skills that would enhance their analytical abilities and knowledge in the area of Electrical and Computer Engineering, thus making them an asset to their organization.

Curriculum

	Project Option		Thesis Option	
Program Component	**Courses**	**Credit Hours**	**Courses**	**Credit Hours**
Program Core	**8**	**24**	**8**	**24**
Program Electives	**2**	**6**	**1**	**3**
Capstone/Thesis	**1**	**3**	**1**	**6**
Total	**11**	**33**	**10**	**33**

Core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
ECE 500	Integrated Circuit Design	3	Graduate Standing
ECE 501	Advanced Embedded System Design	3	Graduate Standing
MEM 501	Project Management	3	Graduate Standing
ECE 510	Advanced Communication Systems	3	Graduate Standing
ECE 512	Smart Grids and Renewable Energy	3	Graduate Standing
ECE 520	Advanced Power System Analysis	3	Graduate Standing
ECE 611	Advanced Mixed-Mode Integrated Circuit Design	3	Graduate Standing
ECE 621	Computer and Machine Vision	3	Graduate Standing

Project Option			**9 Credit Hours**
Course Code	**Course Title**	**Prerequisite(s)**	**Credit Hours**
Ele 1	Elective I	-	3
Ele 2	Elective II	-	3
ECE 690	Electrical and Computer Engineering Project	15 credit hours	3

Thesis Option			**9 Credit Hours**
Course Code	**Course Title**		**Prerequisite(s)**
Ele 1	Elective I	-	3
ECE 691	Thesis in Electrical and Computer Engineering	15 credit hours	6

Elective Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
ECE 630	Advanced Low-Power Integrated Circuit Design	3	Graduate Standing
ECE 632	Computer Based Power System Planning and Design	3	Graduate Standing
ECE 622	Embedded Signal Processing	3	Graduate Standing
ECE 638	Nano-Optical Devices	3	Graduate Standing
ECE 634	Optoelectronic Devices and Circuits	3	Graduate Standing
ECE 635	Special Topics in ECE	3	Graduate Standing
ITE 500	Rich Internet Application	3	Graduate Standing
ITE 510	Advanced Data Communication and Networks	3	Graduate Standing
ITE 520	Mobile Application Development	3	Graduate Standing

*Students who lack the expected knowledge for unconditional admission must complete the required prerequisite undergraduate courses as recommended by the graduate advisor or take a challenge exam.

Possible Pre-core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
CEN 304	Electronic Devices and Circuits	3	-
CEN 305	Microprocessors and Firmware Programming	3	-
EEN 345	Power Systems	3	-
EEN 220	Electric Circuits II	3	-

MASTER OF SCIENCE IN

ELECTRICAL AND COMPUTER ENGINEERING Study Plan (Full Time)

Semester I			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 500	Integrated Circuit Design	3	Graduate Standing
ECE 510	Advanced Communication Systems	3	Graduate Standing
ECE 520	Advanced Power System Analysis	3	Graduate Standing

Semester II			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 501	Advanced Embedded System Design	3	Graduate Standing
MEM 501	Project Management	3	Graduate Standing
ECE 512	Smart Grids and Renewable Energy	3	Graduate Standing

Semester III			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 611	Advanced Mixed-Mode Integrated Circuit Design	3	Graduate Standing
ECE 621	Computer and Machine Vision	3	Graduate Standing
	Elective course I	3	-

Semester IV			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 690	Elective course II + ECE 690 Electrical and Computer Engineering Project	6	15 credits
OR			
ECE 691	Thesis in ECE	6	15 credits

MASTER OF SCIENCE IN

ELECTRICAL AND COMPUTER ENGINEERING Study Plan (Part Time)

Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 500	Integrated Circuit Design	3	Graduate Standing
ECE 510	Advanced Communication Systems	3	Graduate Standing

Semester II			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 501	Advanced Embedded System Design	3	Graduate Standing
MEM 501	Project Management	3	Graduate Standing

Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 520	Advanced Power System Analysis	3	Graduate Standing
ECE 611	Advanced Mixed-Mode Integrated Circuit Design	3	Graduate Standing

Semester IV			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 512	Smart Grids and Renewable Energy	3	Graduate Standing
	Elective course I	3	-

Semester V			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
	Elective course II	3	-
ECE 621	Computer and Machine Vision	3	Graduate Standing

Semester VI			Total Credit Hours : 3/6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ECE 690	Electrical and Computer Engineering Project	3	15 credits
OR			
ECE 691	Thesis in ECE	6	15 credits

MASTER OF SCIENCE IN
MECHANICAL ENGINEERING

Introduction

The Master of Science in Mechanical Engineering (MSME) program is offered by the College of Engineering at Abu Dhabi University (ADU). The MSME program has been designed to provide a wide range of technical knowledge and skills that would enhance analytical abilities and knowledge in the area of Mechanical Engineering. The program is also beneficial for working ME professionals seeking competitive edge to aid promotional opportunities by obtaining a master's degree in Mechanical Engineering on a carefully designed schedule that minimizes disruption of work commitments.

Students with a bachelor degree in mechanical engineering and related fields are eligible to apply. However, students with undergraduate degrees other than mechanical engineering may be admitted on conditional basis. Such students will have to take some undergraduate-level deficiency courses, as determined by the graduate advisor after examination of their undergraduate transcripts.

Program Mission

The mission of the MSME program is to provide an opportunity for fresh graduates in ME related fields as well as working ME professionals to obtain a master's degree in Mechanical Engineering on a carefully designed schedule that minimizes disruption of work commitments. The program is designed to provide ME professionals with a wide range of technical knowledge and skills that would enhance their analytical abilities and knowledge in the area of Mechanical Engineering, thus making them an asset to their organization.

Curriculum

The Master of Science in Mechanical Engineering is a 30-credit hour program. Table 1 summarizes the degree requirements of students taking the thesis option. Students have to complete 8 graduate level courses (24 credit hours) in addition to a master's thesis (6 credit hours).

	Thesis Option	
Program Component	**Courses**	**Credit Hours**
Program Core	**8**	**24**
Thesis	**2**	**6**
Total	**10**	**30**

Table 1: Summary of Course Requirements
Core Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEC 511	Advanced Mathematics and Applied Statistics	3	Graduate Status
MEC 513	Advanced Fluid Mechanics	3	Graduate Status
MEC 515	Linear Elasticity	3	Graduate Status
MEC 522	Advanced Heat Transfer	3	Graduate Status
MEC 524	Finite Element Applications in Solid Mechanics & Heat Transfer	3	MEC 465 or Equivalent
MEC 526	Renewable Energy	3	Graduate Status
Elective 1	Technical Elective 1	3	Graduate Status
Elective 2	Technical Elective 2	3	Graduate Status
MEC 589	Thesis 1	3	Graduate Status
MEC 599	Thesis 2	3	MEC 589

Students who lack the expected knowledge for unconditional admission must complete the required prerequisite undergraduate courses as recommended by the graduate advisor. Table 2 shows the expected prerequisite knowledge for the MSME:

Table 2: Expected Pre-core Requirement

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEC 465 or equivalent	Introduction to the Finite Element Method	3	-

MASTER OF SCIENCE IN
MECHANICAL ENGINEERING
Study Plan

Table 3: Study Plan

The following is the study plan for a typical full-time student:

First Year: Semester I			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MEC 511	Advanced Mathematics and Applied Statistics	3	Graduate Status
MEC 513	Advanced Fluid Mechanics	3	Graduate Status
MEC 515	Linear Elasticity	3	Graduate Status

First Year: Semester II			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MEC 524	Finite Element Applications in Solids & Heat Transfer	3	MEC 465 or Equivalent
MEC 522	Advanced Heat Transfer	3	Graduate Status
MEC 526	Renewable Energy	3	Graduate Status

Second Year: Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
	Technical Elective 1	3	Graduate Status
MEC 589	Master Thesis 1	3	Graduate Status

Second Year: Semester II			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
	Technical Elective 2	3	Graduate Status
MEC 599	Master Thesis 2	3	MEC 589

Technical Elective Courses

The following are the Technical courses for the MSME:

GROUP A: Students can select up to three technical courses from the following:

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEC 551	Computational Fluid Dynamics (CFD) & Heat Transfer (HT)	3	Graduate Status
MEC 552	Mechanical Design Optimization	3	Graduate Status
MEC 553	Online condition-based Monitoring of Rotating Equipment	3	Graduate Status
MEC 554	MEMS (Microelectromechanical systems)	3	Graduate Status
MEC 555	Bio-Materials	3	Graduate Status
MEC 556	Solar Energy	3	Graduate Status
MEC 557	Advanced Mechatronics	3	Graduate Status
MEC 558	Computer Aided Analysis of Multi-Body Systems	3	Graduate Status
MEC 559	Design of Robotics Manipulators	3	Graduate Status
MEC 560	Production Systems Operations	3	Graduate Status
MEC 561	Dynamics of Mechanical Systems	3	Graduate Status
MEC 562	Transport Phenomena in Porous Media	3	Graduate Status
MEC 563	Advanced Thermodynamics	3	Graduate Status

GROUP B: Students can select maximum of one course from the following group as a technical elective:

Course Code	Course Title	Credit Hours	Prerequisite(s)
MEM 501	Project Management	3	None
MEM 504	Quality Engineering	3	Knowledge of basic statistics

Admission Requirements:

A Bachelor's Degree recognized by the UAE Ministry of Higher Education in Mechanical Engineering or related degree.

MASTER OF SCIENCE IN

ARTIFICIAL INTELLIGENCE

Introduction

The MSc in Artificial Intelligence program is a cutting-edge postgraduate program that prepares graduates to become leaders in the field of AI, equipped with advanced technical knowledge and innovative problem-solving skills. The program focuses on the design, development, and implementation of intelligent systems to address real-world challenges across various industries, including healthcare, robotics, transportation, education, and more. By combining rigorous theoretical foundations with hands-on experiences and research-driven projects, the program ensures students are adept at navigating the rapidly evolving landscape of AI technology. Join us to future-proof your career, contribute to groundbreaking advancements in AI, and drive innovation in the UAE and beyond.

Program Mission

The Artificial Intelligence program equips students with advanced knowledge and skills to develop, implement, and optimize AI solutions for complex and interdisciplinary challenges. Students will receive specialized training in cutting-edge areas such as machine learning, natural language processing, and intelligent systems, fostering innovation and research excellence to address the needs of both local and global communities.

Program Educational Objectives (PEOs)

The objective of the program is to produce Artificial Intelligence Engineers who will:

1. Demonstrate their success as artificial intelligence engineers with a good set of technical, problem solving, and leadership accomplishments.
2. Participate in life-long learning activities such as training, continuing education, or graduate studies.
3. Contribute to the development and the growth of local and global communities and uphold their ethical, social, and professional responsibilities.

Program Learning Outcomes

The following program outcomes describe competencies and skills that students will acquire by the time of graduation:

1. an ability to apply advanced skills in research, analysis, evaluation, and innovation to solve highly complex engineering problems using comprehensive and highly specialized artificial intelligence knowledge and practice
2. an ability to apply engineering design to develop new knowledge and procedures integrating artificial intelligence knowledge from different fields using highly developed cognitive and creative skills independently
3. an ability to communicate proficiently to present, explain, and critique complex artificial intelligence matters
4. an ability to recognize and manage complex ethical and professional responsibilities in engineering situations and make judgments, which must analyze socio-cultural norms and the impact of engineering solutions in global, economic, and environmental contexts
5. an ability to function autonomously or as part of a team whose members take responsibility for managing highly complex projects, show leadership, manage performance, and create team and self-professional development activities
6. an ability to develop and conduct research experimentation, evaluate, and analyze and interpret incomplete data, and use engineering judgment to draw sound conclusions
7. an ability to self-evaluate, develop, and implement new specialized knowledge using artificial intelligence research and professional factoring critical awareness of current issues and recent advancements in the field

Curriculum

Program Component	Courses	Credit Hours
Program Core Courses	6	24
Major Electives	2	6
Total	8	30

Pre-Core Courses (Business Students) — 6 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
MAI202 PC	Introductory Artificial Intelligence	3	-
MAI201 PC	Programming for AI	3	-

Core Courses — 24 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
MAI 502	Advanced Research Communication	3	Graduate Standing
MAI 503	Advanced Analysis and Computing	3	Graduate Standing
MAI 540	Advanced AI and Machine Learning	3	MAI 503

MAI 621	Computer Vision and Image Processing	3	MAI 503
MAI 590	Advanced Deep Learning Applications	3	MAI 540
MAI 691	Thesis in Artificial Intelligence	9	15 Credit Hours

Major Electives — 6 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
ME 1	Major Elective I	3	Graduate Standing
ME 2	Major Elective II	3	Graduate Standing

Major Electives Themes			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MAI 623	Advanced AI-Powered Mobile Application Development	3	Graduate Standing
MAI 642	Artificial Intelligence in Medicine	3	MAI 503
MAI 675	Autonomous Vehicles: Drones and Self-Driving Cars	3	MAI 621
MAI 633	Advanced Internet of Intelligent Things	3	MAI 540
ITE 504	Data Science and Big Data Analytics	3	Graduate Standing
MAI 605	Artificial Intelligence Ethics and the Society	3	Graduate Standing
MAI 606	Artificial Intelligence in Education	3	Graduate Standing
MAI 635	Special Topics in Artificial Intelligence	3	MAI 540

Online Delivery

The program will be delivered 80% face-to-face and 20% online. Courses that are delivered online are shown in below table:

Course Code	Course Title	Credit Hours	Prerequisite(s)
MAI502	Advanced Research Communication	3	Graduate Standing
MAI503	Advanced Analysis and Computing	3	Graduate Standing

MASTER OF SCIENCE IN
ARTIFICIAL INTELLIGENCE
Study Plan

Semester I (Fall)			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MAI 503	Advanced Analysis and Computing	3	Graduate Standing
MAI 502	Advanced Research Communication	3	Graduate Standing

Winter Semester			Total Credit Hours: 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MAI 540	Advanced AI and Machine Learning	3	MAI 503

Semester II (Spring)			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MAI 621	Computer Vision and Image Processing	3	MAI 503
MAI 524	Advanced Deep Learning Applications	3	Graduate Standing

Semester III (Fall)			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MAI 691A	Thesis in Artificial Intelligence – Part 1	3	15 Credit Hours
ME 1	Major Elective I	3	Graduate Standing

Semester IV (Spring)			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MAI 691B	Thesis in Artificial Intelligence – Part 2	6	MAI 691A
ME2	Major Elective II	3	Graduate Standing

MASTER OF SCIENCE IN
CYBERSECURITY

Introduction

The Master of Science in Cybersecurity (MSCS) program is offered by the College of Engineering (CoE) at Abu Dhabi University (ADU). It is designed to prepare both fresh graduates and working professionals for leadership roles in cybersecurity and information assurance. The program provides high-quality, academically challenging, and career-enriching education, aligning with industry trends, changing standards, and employer needs.

The curriculum covers critical cybersecurity skills, including:

- Security risk assessment and auditing
- Ethical hacking and penetration testing
- Network and Internet security
- Cyber digital forensics

The program supports UAE Strategy and Abu Dhabi Vision 2030 and aims to contribute to a cyber-smart nation with secure and resilient online communications. It also aligns with national cybersecurity strategies, such as NESA and the Dubai Cyber Security Strategy.

Program Mission

The MSCS program aims to:

- Provide IT professionals with a strong technical skill set to enhance their cybersecurity expertise.
- Support organizations by developing graduates who can manage cybersecurity risks and threats.
- Equip students with industry-relevant knowledge and the ability to analyze and mitigate cyber threats.
- Strengthen national security by training professionals to protect critical data and IT infrastructures.

Program Educational Objectives (PEOs)

The program is designed to achieve the following educational objectives:

1. Demonstrate their success as Cybersecurity professionals with a good set of technical, problem solving, and leadership accomplishments.
2. Contribute to the continuous development and maintenance of the cyber infrastructure to ensure resilience to cyber-attacks and maintain continuity and availability of computer systems.
3. Contribute to the development and the growth of local and global communities and uphold their ethical, social, and professional responsibilities.
4. Participate in life-long learning activities such as training, continuing education, and research.

Program Learning Outcomes (PLOs)

Upon completion of the MSCS program, graduates will be able to:

- Use current techniques, skills, and tools necessary for cybersecurity practices.
- Demonstrate focused knowledge in areas of specialization in cybersecurity.
- Analyze problems within the discipline of cybersecurity and solve them using the most appropriate solutions.
- Demonstrate critical thinking, problem investigation, and research skills.
- Demonstrate effective oral and written communication skills.
- Recognize the social and ethical responsibilities of a professional working in the discipline.

Curriculum

Program Component	Courses	Credit Hours
Degree Requirements	7	21
Thesis Requirements	2	9
Total	9	30

Degree Requirements — 21 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
CSE 501	Cryptography and Network Security	3	Background in networking or data communication.
CSE 502	Security Risk Assessment and Auditing	3	Graduate status
ITE 503	Research Methods and Communications	3	Graduate status
CSE 511	Advanced Ethical Hacking and Penetration Testing	3	Background in data communication, database management, and web technologies.
CSE 512	Advanced Cyber Digital Forensics	3	Graduate status
CSE 513	Elective (choose one from the electives)	3	Graduate status
CSE 530	Advanced Selected Topics in Cybersecurity	3	Graduate status

Thesis Requirements — 9 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
CSE 591A	Master's Thesis in Cybersecurity-Part 1	3	15 Credit hours
CSE 591B	Master's Thesis in Cybersecurity- Part 2	6	CSE 591A

Elective Courses

Course Code	Course Title	Credit Hours	Prerequisite(s)
ITE 501	Cloud Computing	3	Graduate status
ITE 504	Big Data Analytics	3	Background in database management.
ITE 510	Advanced Data Communication and Computer Networks	3	Background in networking or data communication.
ITE 515	Artificial Intelligence	3	Graduate status

Online Delivery

The program will be delivered 75% face-to-face and 25% online. Courses that are delivered online are shown in below table:

Course Code	Course Title	Credit Hours	Prerequisite(s)
ITE503	Research Methods and Communications	3	Graduate Standing
CSE502	Security Risk Assessment and Auditing	3	Graduate Standing

MASTER OF SCIENCE IN CYBERSECURITY

Study Plan - Full Time

First Year - Semester I			Total Credit Hours : 9
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 501	Cryptography and Network Security	3	Background in networking or data communication.
CSE 502	Security Risk Assessment and Auditing	3	Graduate status
ITE 503	Research Methods and Communications	3	Graduate status
First Year - Semester II			**Total Credit Hours : 9**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 511	Advanced Ethical Hacking and Penetration Testing	3	Background in data communication, database management, and web technologies
CSE 512	Advanced Cyber Digital Forensics	3	Graduate status
CSE 513	Elective	3	Graduate status

Second Year - Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 530	Advanced Selected Topics in Cybersecurity	3	Graduate status
CSE 591A	Master's Thesis in Cybersecurity-Part 1	3	15 credits
Second Year - Semester IV			**Total Credit Hours : 6**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 591B	Master's Thesis in Cybersecurity-Part 2	6	CSE591A

MASTER OF SCIENCE IN

CYBERSECURITY

Study Plan - Part Time

First Year - Semester I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 501	Cryptography and Network Security	3	Background in networking or data communication.
CSE 502	Security Risk Assessment and Auditing	3	Graduate status
First Year - Semester II			**Total Credit Hours : 6**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 511	Advanced Ethical Hacking and Penetration Testing	3	Background in data communication, database management, and web technologies.
CSE 512	Advanced Cyber Digital Forensics	3	Graduate status

Second Year - Semester III			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
ITE 503	Research Methods and Communications	3	Graduate status
CSE 530	Advanced Selected Topics in Cybersecurity	3	Graduate status
Second Year - Semester IV			**Total Credit Hours : 6**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 591A	Master's Thesis in Cybersecurity-Part 1	3	15 credits
CSE 513	Elective	3	Graduate status

Third Year - Semester V			Total Credit Hours :6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CSE 591B	Master's Thesis in Cybersecurity-Part 2	6	CSE591A

DOCTOR OF PHILOSOPHY IN

ENGINEERING MANAGEMENT

Introduction

The PhD in Engineering Management aims to produce a new generation of leaders in the industry and academia who by combining advanced technical and managerial knowledge will address the novel national and global challenges posed by the new energy transition, circular economy, optimal material usage, and sustainable development. The program, which consists of a total of 54 credits, is based on a three-year study plan that includes four core and four elective courses, totaling 24 credits, and 30 credits of a PhD dissertation. The coursework will equip students with cutting-edge competencies that will enable them through the PhD dissertation's research to develop impactful technical and managerial solutions to the UAE and MENA economies, meriting publication in reputable, international journals.

Program Mission

The ADU program Doctor of Philosophy in Engineering Management aims to develop research and advanced skills to students in order to allow them to hold leadership positions in public and private organizations or academic positions. The mission of the program is to develop a new type of student that would be equipped with the knowledge and skills necessary to lead the innovation, technological, and managerial aspects of the current clean energy, sustainability, and circular economy transition in the economies of the UAE and the Gulf Region. The program will equip students with the ability to define, design, optimize, and manage complex projects/systems taking into account technological advancements, economic, sustainability, environmental, ethical and social, as well as health and safety aspects.

Program Educational Objectives (PEOs)

The Program Educational Objectives (PEOs) are to produce graduates who will:

1. Demonstrate expertise as engineering scholars by achieving significant technical, research, and leadership accomplishments that contribute to advancing knowledge in their field.

2. Engage in lifelong scholarly pursuits, including advanced research, interdisciplinary collaboration, and the dissemination of knowledge through professional and academic channels.

3. Contribute to the development of local and global communities, upholding the highest standards of ethical, social, and professional responsibility in research and innovation.

Program Learning Outcomes (PLOs)

The learning outcomes of the program (PLOs) are:

1. an ability to apply advanced research, critical analysis, and innovative thinking to solve complex engineering management challenges using specialized and interdisciplinary knowledge in engineering and management.

2. an ability to design and execute independent, original research that integrates knowledge from various fields of engineering and management, employing highly advanced cognitive and strategic decision-making skills.

3. an ability to communicate proficiently to present, defend, and critique complex ideas and findings in engineering management through scholarly writing, industry reports, and professional presentations.

4. an ability to recognize and navigate complex ethical, organizational, and professional responsibilities in engineering management and research contexts, making informed judgments that consider global, economic, environmental, and societal impacts.

5. an ability to contribute effectively in multidisciplinary and cross-functional environments, demonstrating autonomy, strategic leadership, and the capacity to foster team and self- professional development in engineering management contexts.

6. an ability to develop and implement data-driven decision-making strategies, analyze and interpret incomplete or ambiguous business and technical data, and apply sound managerial judgment to optimize engineering processes and innovations.

7. an ability to self-assess, acquire, and integrate new advanced knowledge in engineering management, demonstrating critical awareness of contemporary industry challenges, emerging technologies, and recent advancements in the field.

Curriculum

Program Component	Courses	Credit Hours
Core Courses	**4**	**12**
Elective Courses	**4**	**12**
Research Dissertation	**1**	**30**
Total	**9**	**54**

Core Courses 12 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN701	Advanced Probability and Stochastic Processes	3	Graduate Standing
DEN702	Advanced Research Communication	3	Graduate Standing
DEN703	Advanced Analysis and Computing	3	Graduate Standing
DEN795	Doctoral Seminar	3	DEN702

Elective Courses 12 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN711	Advanced Project Management	3	Graduate Standing
DEN710	Advanced Decision-Making Models	3	DEN 701
DEN704	Advanced Quality Engineering	3	DEN 701
DEN706	Advanced Operations Research and Simulation	3	DEN 703
DEN709	Advanced Information Technology Management	3	DEN 703
DEN751	Advanced Operations and Supply Chain Management	3	Graduate Standing

PhD Research Dissertation 30 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

Online Delivery

The program will be delivered 80% face-to-face and 20% online. Courses that are delivered online are shown in below table:

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN702	Advanced Research Communication	3	Graduate Standing
DEN703	Advanced Analysis and Computing	3	Graduate Standing

DOCTOR OF PHILOSOPHY IN

ENGINEERING MANAGEMENT

Study Plan - Full Time

First Year - Semester I			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
DEN702	Advanced Research Communication	3	Graduate Standing
DEN703	Advanced Analysis and Computing	3	Graduate Standing
First Year - Semester II			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
DEN701	Advanced Probability and Stochastic Processes	3	Graduate Standing
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

Second Year - Semester III			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E1	Elective 1	3	-
DEN795	Doctoral Seminar	3	DEN702
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed
Second Year - Semester IV			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E2	Elective 2	3	-
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

Third Year - Semester V			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E3	Elective 3	3	-
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed
Third Year - Semester VI			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E4	Elective 4	3	-
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

DOCTOR OF PHILOSOPHY IN

INTELLIGENT SYSTEMS ENGINEERING

Introduction

The PhD in Intelligent Systems Engineering is a research-driven doctoral program that prepares students to lead in AI, robotics, and intelligent technologies. Through advanced coursework and focused research, students gain deep expertise in deep learning, edge AI, intelligent vision, and autonomous systems. The program emphasizes solving real-world challenges by designing and implementing intelligent solutions across sectors, including healthcare, transportation, and smart infrastructure. Structured over three years, the program culminates in a doctoral dissertation that contributes original knowledge to the field. It is well-suited to aspiring researchers, academics, and innovators seeking to shape the future of AI-driven technologies in the UAE and globally

Program Mission

The Intelligent Systems Engineering PhD program develops highly skilled researchers and innovators capable of designing, improving, and applying intelligent systems to solve complex problems. Through advanced coursework, rigorous qualifying exams, and a significant doctoral dissertation, students will build the expertise to make original contributions that serve both local and global communities.

Program Educational Objectives (PEOs)

The Program Educational Objectives (PEOs) are to produce graduates who will:

• Demonstrate expertise as engineering scholars by achieving significant technical, research, and leadership accomplishments that contribute to advancing knowledge in their field.

• Participate in lifelong scholarly pursuits, including advanced research, interdisciplinary collaboration, and the dissemination of knowledge through professional and academic channels.

• Contribute to the development of local and global communities, upholding the highest standards of ethical, social, and professional responsibility in research and innovation.

Program Learning Outcomes (PLOs)

The learning outcomes of the program (PLOs) are:

• an ability to apply advanced research, critical analysis, and innovative thinking to solve highly complex problems in intelligent systems engineering using specialized and interdisciplinary knowledge in artificial intelligence, automation, and data-driven decision-making.

• an ability to design and execute independent, original research that integrates knowledge from various fields, employing highly advanced cognitive, computational, and algorithmic skills to advance the state-of-the-art in intelligent systems.

• an ability to communicate proficiently to present, defend, and critique complex ideas and findings in intelligent systems engineering through scholarly writing, professional presentations, and industry collaborations.

• an ability to recognize and navigate complex ethical, social, and professional responsibilities in intelligent systems research and applications, making informed judgments that consider global, economic, environmental, and societal impacts of AI and automation.

• an ability to contribute effectively in multidisciplinary environments, demonstrating autonomy, leadership, and the capacity to foster team collaboration in intelligent systems research and development.

• an ability to develop and implement computational models, design and conduct rigorous experimentation, analyze and interpret incomplete or ambiguous data, and apply advanced machine learning and artificial intelligence techniques to derive innovative and practical solutions.

• an ability to self-assess, acquire, and integrate new advanced knowledge in intelligent systems engineering, demonstrating critical awareness of contemporary issues, emerging challenges, and recent advancements in AI, deep learning, robotics, and smart technologies.

Curriculum

Program Component	Courses	Credit Hours
Core Courses	**4**	**12**
Elective Courses	**4**	**12**
Research Dissertation	**1**	**30**
Total	**9**	**54**

Core Courses 12 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN701	Advanced Probability and Stochastic Processes	3	Graduate Standing
DEN702	Advanced Research Communication	3	Graduate Standing
DEN703	Advanced Analysis and Computing	3	Graduate Standing
DEN795	Doctoral Seminar	3	DEN702

Elective Courses 12 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN790	Advanced Deep Learning Applications	3	Graduate Standing
DEN775	Advanced Intelligent Robots	3	Graduate Standing
DEN733	Advanced Edge AI	3	Graduate Standing
DEN723	Advanced Intelligent Software Development	3	Graduate Standing
DEN721	Advanced Intelligent Vision Systems	3	Graduate Standing
DEN735	Special Topics in Intelligent Systems	3	Graduate Standing

PhD Research Dissertation 30 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

Online Delivery

The program will be delivered 80% face-to-face and 20% online. Courses that are delivered online are shown in below table:

Course Code	Course Title	Credit Hours	Prerequisite(s)
DEN702	Advanced Research Communication	3	Graduate Standing
DEN703	Advanced Analysis and Computing	3	Graduate Standing

DOCTOR OF PHILOSOPHY IN
INTELLIGENT SYSTEMS ENGINEERING
Study Plan - Full Time

First Year - Semester I			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
DEN702	Advanced Research Communication	3	Graduate Standing
DEN703	Advanced Analysis and Computing	3	Graduate Standing
First Year - Semester II			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
DEN701	Advanced Probability and Stochastic Processes	3	Graduate Standing
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

Second Year - Semester III			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E1	Elective 1	3	-
DEN795	Doctoral Seminar	3	DEN702
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed
Second Year - Semester IV			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E2	Elective 2	3	-
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

Third Year - Semester V			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E3	Elective 3	3	-
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed
Third Year - Semester VI			
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
E4	Elective 4	3	-
DEN799	PhD Research Dissertation	30	8 Credit Hours Completed

MASTER OF SCIENCE IN

CLINICAL PSYCHOLOGY AND MENTAL HEALTH

Program Overview

The MSc in Clinical Psychology and Mental Health at Abu Dhabi University is a unique research-practitioner model program that offers comprehensive training in the research, theory, and clinical practice in the areas of Clinical Psychology, Mental Health and Psychological Interventions. Delivered by leading academicians, researchers and clinicians, this program provides insights into both established and emerging developments in the field. Designed to equip students for a career in the field of clinical psychology and allied mental health professions, this is a state-of-the-art program to gain an in-depth understanding of clinical approaches to psychology, normal and abnormal behaviour, cognitive, biological and social factors leading to psychological disorders, diagnosis of psychological disorders, their treatments, and specialized interventions aimed at modifying behaviour and cognition on individual, group, and societal levels. Additionally, students will get an opportunity to observe the role of psychologists within healthcare environments and clinical settings during their clinical internships. The program also includes advanced training in research methods and analytical techniques relevant to clinical psychology and mental health studies.

Program Goals (PG)

The MSc in Clinical Psychology and Mental Health program goals are:

Program Goal 1: To provide graduates with advanced-level understanding of clinical psychology, neuro-psychology, and socio-biological bases for behavior.

Program Goal 2: To provide cutting-edge, advanced practical, theoretical, and research knowledge and skills in the areas of clinical health psychology, mental health, and wellbeing.

Program Goal 3: To develop advanced clinical professionals through state-of-the-art clinical internships, who are able to solve real-world clinical issues, and who are eligible for professional registrations.

Program Goal 4: To develop students' comprehensive diagnosis and understanding of mental health disorders.

Program Goal 5: To provide students with clinical internships that develop professional skills in clinical psychotherapy and clinical interventions for the treatment of mental disorders.

Program Goal 6: To produce graduates with the ability to conduct clinical research and complete a clinical thesis.

Program Learning Outcomes (PLOs)

Upon successful completion of the MSc in Clinical Psychology and Mental Health program, students will be able to:

PLO1: Demonstrate advanced-level understanding and knowledge in the field of clinical psychology, and of various psycho-social-biological influencers to psychological disorders.

PLO2: Demonstrate advanced-level understanding of positive health psychology and mental health well-being concepts.

PLO3: Demonstrate professional skills in approaches and solutions to real-world clinical mental health issues.

PLO4: Diagnose psychological disorders using various clinical modalities.

PLO5: Conduct and interpret psychometric assessments and clinical psychological evaluations.

PLO6: Utilize professional advanced skills in clinical counselling and psychotherapy and conduct clinical interventions.

PLO7: Demonstrate advanced knowledge and critical understanding of qualitative and quantitative psychological research methodologies.

PLO8: Formulate time-relevant research questions and carry out clinical research thesis.

Curriculum

Total Credits: 36 Credit Hours

Pre-core Courses 9 Credit Hours

Course Code	Course Title	Credit Hours
PSY-CL-02	Foundations of Biological Psychology and Physiological Psychology	3
PSY-CL-07	Foundations of Clinical Psychology and Mental Health	3
PSY-CL-11	Abnormal Psychology and Mental Health Disorders	3

Course Code	Course Title	Credit Hours
CLP524	Think like a Psychologist: Advanced Clinical Psychology	3
CLP525	Ethics in Clinical Psychology Practice	3
CLP526	Advanced Clinical Research Methods (Quantitative and Qualita-tive)	3
CLP527	Clinical Psychopathology, Clinical Diagnosis, and Treatments	3
CLP528	Advanced Statistical Analysis and Clinical Research	3
CLP550	Clinical Psychology internship 1	3
CLP529	Advanced Clinical Psychotherapy for Children	3
CLP630	Advanced Clinical Psychotherapy for Adults	3
CLP631	Health Psychology and Mental Health	3
CLP690	Designing and Submission of Clinical Research Thesis Proposal	3
CLP650	Clinical Psychology Internship 2	3
CLP699	Clinical Research Thesis	3

MASTER OF SCIENCE IN CLINICAL PSYCHOLOGY AND MENTAL HEALTH

Study Plan

Total Credit Hours: 36

Pre-core Courses 9 Credit Hours

Course Code	Course Title	Credit Hours
PSY-CL-02	Foundations of Biological Psychology and Physiological Psychology	3
PSY-CL-07	Foundations of Clinical Psychology and Mental Health	3
PSY-CL-11	Abnormal Psychology and Mental Health Disorders	3

Year 1 - Fall Semester (Term A)		Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLP524	Think like a Psychologist: Advanced Clini-cal Psychology	3	-
CLP525	Ethics in Clinical Psychology Practice	3	-

Year 1 - Fall Semester (Term B)		Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLP526	Advanced Clinical Research Methods (Quantitative and Qualitative)	3	CLP525
CLP527	Clinical Psychopathology, Clinical Diagnosis, and Treatments	3	CLP524, CLP525

Year 1 - Spring Semester (Term A)		Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLP528	Advanced Statistical Analysis and Clinical Research	3	CLP526
CLP550	Clinical Psychology internship 1	3	CLP524, CLP527

Year 1 - Spring Semester (Term B)		Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLP529	Advanced Clinical Psychotherapy for Children	3	CLP527
CLP630	Advanced Clinical Psychotherapy for Adults	3	CLP527

Year 2 - Fall Semester	(Term A)	Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLP631	Health Psychology and Mental Health	3	CLP529, CLP630
CLP690	Designing and Submission of Clinical Research Thesis Proposal	3	CLP528, finishing 24 CH
Year 2 - Fall Semester	**(Term B)**	**Total Credit Hours : 6**	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLP650	Clinical Psychology Internship 2	3	CLP550, CLP529, CLP630
CLP699	Clinical Research Thesis	3	CLP690

MASTER OF SCIENCE IN
PUBLIC HEALTH

Program Goals (PG):

The main objective of the Master of Public Health (MPH) program is to prevent disease, promote health, and protect the well-being of the public through education, research and service. Students are trained to integrate and apply the acquired knowledge of public health and perform its core functions through effective delivery of essential health practices.

The MSc in Public Health aims are to produce graduates who will:

Program Goal 1: Demonstrate their success as public health leaders who manage and assess health services for health institutions and develop policies aimed at creating a world-class model of healthcare services locally and internationally.

Program Goal 2: Participate in life-long learning activities such as training, research projects, continuing education, or doctoral studies.

Program Goal 3: Contribute to the development and the growth of local and global communities and uphold their ethical, social, and professional responsibilities.

Program Learning Outcomes (PLOs)

Upon successful completion of the MSc in Public Health (Core/General) program, graduates will be able to:

PLO1: Critically assess the health needs of defined populations

PLO2: Develop, analyze, and implement targeted effective health policies, projects, and programs, and interventions

PLO3: Effectively communicate public health information to a wide range of audience

PLO4: Apply advanced behavioral, biomedical, and environmental health sciences in public health research and practice

PLO5: Recognize the social and ethical responsibilities of public health leaders

PLO6: Apply advanced management and leadership skills in public health research and practice

PLO7: Effectively use quantitative and qualitative sciences to design, conduct, analyze, and interpret quantitative health research

Curriculum

Total Credits: 36 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
MPH501	Public Health Dimensions	3	None
MPH502	Environmental Health Sustainability	3	None
MPH503	Public Health Education Program Planning and Evaluation	3	MPH501, MPH502
MPH504	Integrated Healthcare Economics and Policy Epidemiology	3	MPH501, MPH502
MPH505	Public Health Emerging Technology and Innovations	3	MPH 503, MPH 504
MPH506	Applied Biostatistics	3	MPH 503, MPH 504
MPH507	Analytical Epidemiology	3	MPH505, MPH506
MPH508	Epidemiology of Communicable and Non-Communicable Diseases	3	MPH505, MPH506
MPH509	Updated Advances in Global and Public Health	3	MPH507, MPH508
MPH599 A, B	Thesis in Public Health: Thesis in Public Health A Thesis in Public Health B	3	Completion of 24 credit hours
MPH600	Field Practicum	3	Completion of 27 credits

MASTER OF SCIENCE IN PUBLIC HEALTH

Study Plan

Total Credit Hours: 36

Year 1 - Fall Semester	(Term A)	Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPH 501	Public Health Dimensions	3	None
MPH 502	Environmental Health Sustainability	3	None
Year 1 - Fall Semester	**(Term B)**	**Total Credit Hours : 6**	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPH 503	Public Health Education Program Planning and Evaluation	3	MPH501, MPH502
MPH 504	Integrated Healthcare Economics and Policy Epidemiology	3	MPH501, MPH502

Year 1 - Spring Semester	(Term A)	Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPH 505	Public Health Emerging Technology and Innovations	3	MPH 503, MPH 504
MPH 506	Applied Biostatistics	3	MPH 503, MPH 504

Year 1 - Spring Semester	(Term B)	Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPH 507	Analytical Epidemiology	3	MPH505, MPH506
MPH508	Epidemiology of Communicable and Non-Communicable Diseases	3	MPH505, MPH506

Year 2 - Fall Semester	(Term A)	Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPH509	Updated Advances in Global and Public Health	3	MPH507, MPH508
PBH 599A	Thesis in Public Health - A	3	Completion of 24 credit hours

Year 2 - Fall Semester	(Term B)	Total Credit Hours : 6	
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
MPH600	Field Practicum	3	Completion of 27 credits
PBH 599B	Thesis in Public Health - B	3	MPH599

MASTER OF PUBLIC LAW IN ARABIC

ماجستير في القانون العام (باللغة العربية)

مهمة البرنامج:

تفخر كلية القانون بجامعة أبوظبي بطرحها برنامج الماجستير في القانون العام باللغة العربية، وهو برنامج معتمد من قبل لجنة الاعتماد الأكاديمي في وزارة التربية والتعليم. وتسعى هيئة التدريس بكلية القانون في هذا الماجستير إلى تقديم مستوى عالٍ من الخدمة التعليمية على نحو يسمح للدارسين، بتعميق ثقافتهم القانونية وتطوير قدراتهم على تلبية حاجة المجتمع الإماراتي لخريجين يتمتعون بكفاءة عالية في مجال العمل القانوني، وتقديم كوادر قانونية قادرة على المنافسة بقوة في سوق العمل القانوني.

أهداف البرنامج:

1. اكساب الدارسين المعارف و المهارات المتخصصة في مجال القانون العام على المستويين النظري و العملي؛ بما يسهم في رفع درجة قدراتهم التنافسية في سوق العمل القانوني في دولة الامارات.
2. تطوير المهارات البحثية و العملية للدارسين في مجال إعداد الدراسات و الابحاث في فروع القانون العام المختلفة ؛ بما يسهم في تطوير النظم القانونية القائمة.
3. تطوير قدرات الدارسين على تحليل النصوص التشريعية و الاجتهادات القضائية و الفقهية المرتبطة بالقانون العام.
4. تعزيز مكانة جامعة ابوظبي كمركز للدراسات القانونية و مساهم رئيس في مجال تطوير البحث العلمي في مجال القانون العام.
5. تلبية حاجة المجتمع الاماراتي من الكفاءات الاكاديمية القادرة على التدريس بالجامعات و المستشارين القانونيين و المحكمين المتخصصين في مجال المنازعات القانونية المتصلة بالقانون العام

Master of Public Law Curriculum

33 Total Credit Hours

المقرر الدراسي لبرنامج الماجستير في القانون العام

إجمالي عدد الساعات المعتمدة: 33

Phase	Courses	Credit Hours
Major Requirements	6	18
Major Electives	2	6
Master Thesis	1	9
Total	9	33

Major Requirements
18 credit Hours

المتطلبات الاجبارية
18 ساعة معتمدة

Course Code	Course Title	Prerequisite(s)	Credit Hours
LARM506	Legal Research Methodology	No Prerequisite	3
LAIN503	Public International Law (English)	No Prerequisite	3
LACR501	Penal Law	No Prerequisite	3
LAAD502	Administrative Law	No Prerequisite	3
LAFI505	Public Finance	No Prerequisite	3
LAPO504	Constitutional Law and Political Systems	No Prerequisite	3

Major Electives
6 credit Hours

المتطلبات الاختيارية
6 ساعة معتمدة

Course Code	Course Title	Prerequisite(s)	Credit Hours
LAPR507	Penal Procedures Law	No Prerequisite	3
LAIS512	Comparative Legal Systems	No Prerequisite	3
LACI512	International Criminal Law	No Prerequisite	3
LAAC516	Administrative Contracts	No Prerequisite	3
LAFE517	Economic and Financial Legislation	No Prerequisite	3

Master Thesis
9 credit Hours

الرسالة
9 ساعات معتمدة

Course Code	Course Title	Prerequisite(s)	Credit Hours
LADI510(a)	Thesis Project and Seminar	All Major Requirements	3
LADI510(b)	Thesis Draft and Defense	LADI510(a)	6

MASTER OF PUBLIC LAW - Study Plan

الخطة الدراسية لبرنامج الماجستير في القانون العام

First Year				
	Course Code	Course Title	Credit Hours	Prerequisite(s)
Fall Semester 1	LARM506	Legal Research Methodology	3	No Prerequisite
	LAIN503	Public International Law (English)	3	No Prerequisite
	LACR501	Penalty Law	3	No Prerequisite
Total Credit Hours			9	
Spring Semester 2	LAAD502	Administrative Law	3	No Prerequisite
	LAFI505	Public Finance	3	No Prerequisite
	LAPO504	Constitutional Law and Political Systems	3	No Prerequisite
Total Credit Hours			9	

Second Year				
	Course Code	Course Title	Credit Hours	Prerequisite(s)
Fall Semester 3	-	Major Elective (1)	3	No Prerequisite
	-	Major Elective (2)	3	No Prerequisite
	LAFI510(a)	Thesis Project and Seminar	3	All Major Requirements
Total Credit Hours			9	
Spring Semester 4	LADI510(b)	Thesis Draft and Defense	6	LAFI510(a)
Total Credit Hours			6	

MASTER OF PRIVATE LAW - IN ARABIC

ماجستير في القانون الخاص (باللغة العربية)

مهمة البرنامج:

تفخر كلية القانون بجامعة أبوظبي بطرحها برنامج الماجستير في القانون الخاص باللغة العربية، وهو برنامج معتمد من قبل لجنة الاعتماد الأكاديمي في وزارة التربية والتعليم. وتسعى هيئة التدريس بكلية القانون - من خلال تقديم مساقات دراسية تفاعلية مشوقة إلى تلبية حاجة المجتمع الإماراتي لخريجين يتمتعون بكفاءة عالية في مجال العمل القانوني، وتقديم كوادر قانونية قادرة على المنافسة بقوة في سوق العمل سواء في المؤسسات الأكاديمية أو القضائية، أو الحكومية، أو المحاماة والاستشارات القانونية.

أهداف البرنامج:

1. اكساب الدارسين المعارف و المهارات المتخصصة في مجال القانون الخاص على المستويين النظري و العملي؛ بما يساهم في رفع درجة قدراتهم التنافسية في سوق العمل القانوني في دولة الامارات.
2. تطوير المهارات البحثية و العملية للدارسين في مجال اعداد الدراسات و الابحاث المتعمقة في فروع القانون الخاص المختلفة ؛ بما يسهم في تطوير النظم القانونية القائمة.
3. تطوير قدرات الدارسين على تحليل النصوص التشريعية و الاجتهادات القضائية و الفقهية المرتبطة بالقانون الخاص.
4. تعزيز مكانة جامعة ابوظبي كمركز للدراسات القانونية و مساهم رئيس في مجال تطوير البحث العلمي في القانون الخاص.
5. تلبية حاجة المجتمع الاماراتي من الكفاءات الاكاديمية القادرة على التدريس بالجامعات و المستشارين القانونيين و المحكمين المتخصصين في مجال فض النزاعات القانونية المتصلة بالقانون الخاص.

Master of Private Law Curriculum

33 Total Credit Hours

المقرر الدراسي لبرنامج الماجستير في القانون الخاص

إجمالي عدد الساعات المعتمدة: 33

Phase	Courses	Credit Hours
Major Requirements	6	18
Major Electives	2	6
Master Thesis	1	9
Total	9	33

Major Requirements

18 credit Hours

المتطلبات الاجبارية

18 ساعة معتمدة

Course Code	Course Title	Prerequisite(s)	Credit Hours
LARM506	Legal Research Methodology	No Prerequisite	3
LACI501	Civil Transactions Law	No Prerequisite	3
LAJT505	Jurisprudence of Transactions	No Prerequisite	3
LACO502	Commercial Law	No Prerequisite	3
LACP504	Civil Procedure Law	No Prerequisite	3
LACA508	Domestic and International Commercial Arbitration (In English)	No Prerequisite	3

Major Electives
6 credit Hours

المتطلبات الاختيارية
6 ساعات معتمدة

Course Code	Course Title	Prerequisite(s)	Credit Hours
LAIP 507	Intellectual Property Law	No Prerequisite	3
LAIS503	International Private Law	No Prerequisite	3
LACL509	Consumer Protection Law	No Prerequisite	3
LAIT514	International Trade Contracts	No Prerequisite	3
LAIA516	Investment Agreements Law	No Prerequisite	3

Master Thesis
9 credit Hours

الرسالة
9 ساعات معتمدة

Course Code	Course Title	Prerequisite(s)	Credit Hours
LADI510(a)	Thesis Project and Seminar	All Major Requirements	3
LADI510(b)	Thesis Draft and Defense	LADI510(a)	6

MASTER OF PRIVATE LAW - Study Plan

الخطة الدراسية لبرنامج الماجستير في القانون الخاص

33 Total Credit Hours

إجمالي عدد الساعات المعتمدة: 33

First Year				
	Course Code	Course Title	Credit Hours	Prerequisite(s)
Fall Semester 1	LARM506	Legal Research Methodology	3	No Prerequisite
	LACI501	Civil Transactions Law	3	No Prerequisite
	LAJT505	Jurisprudence of Transactions	3	No Prerequisite
Total Credit Hours			9	
Spring Semester 2	LACO502	Commercial Law	3	No Prerequisite
	LACP504	Civil Procedure Law	3	No Prerequisite
	LACA508	Domestic and International Commercial Arbitration (In English)	3	No Prerequisite
Total Credit Hours			9	

Second Year				
	Course Code	Course Title	Credit Hours	Prerequisite(s)
Fall Semester 3	-	Major Elective (1)	3	No Prerequisite
	-	Major Elective (2)	3	No Prerequisite
	LAFI510(a)	Thesis Project and Seminar	3	All Major Requirements
Total Credit Hours			9	
Spring Semester 4	LADI510(b)	Thesis Draft and Defense	6	LAFI510(a)
Total Credit Hours			6	

MASTER OF LAW IN

CYBERLAW AND ARTIFICIAL INTELLIGENCE

Program Mission

The proposed program aims to develop qualified national professionals in the UAE by enhancing specialized competencies in cyber and technological law. This program aligns with the College of Law's (COL) commitment to advancing human resources specialized in legal, judicial, and higher education, meeting the increasing labor market demands for this vital specialization.
Through this program, COL seeks to strengthen three dimensions:

1. Cognitive Dimension: establishing a specialized legal, scientific foundation for students in cyberlaw and AI applications.

2. Specialization Dimension: developing students' intellectual capabilities and practical skills related to cybercrimes, data protection, digital intellectual property, and the legal regulation of AI.

3. Research Dimension: enabling students to conduct specialized legal research and studies addressing emerging issues in technology and law.

The Master of Law in Cyberlaw and AI includes eight courses. Two of these will be delivered online: CLA 503 Data Privacy and Protection Laws and CLA505 Ethics in Artificial
Intelligence.

Program Goals

The program goals are:

GO1: Equip students with a comprehensive understanding of the legal frameworks and regulatory environments governing cybersecurity, data protection, and AI, enabling them to navigate complex legal landscapes effectively.

GO2: Foster critical thinking and analytical skills to evaluate the ethical implications and societal impacts of technological advancements in AI and cybersecurity, preparing graduates to contribute to informed policymaking and innovative legal practices.

GO3: Develop practical competencies in legal strategies for managing cyber risks, intellectual property rights, and AI-driven disputes, ensuring that graduates are well-prepared for the challenges faced in technology-driven legal contexts.

GO4: Cultivate a commitment to lifelong learning and professional development in the intersection of law and technology, empowering graduates to become thought leaders and influential practitioners who advocate for ethical AI usage and robust cybersecurity policies.

Program Learning Outcomes (PLO's)

The COL has developed the following learning outcomes for the program to achieve the above-listed goals. Upon graduation, students will be able to:

PLO1: Interpret legal frameworks governing cybersecurity, AI, and data protection, and their practical implications.

PLO2: Evaluate ethical and regulatory challenges in AI technologies to develop informed perspectives on the responsibilities of developers and users

PLO3: Conduct advanced legal research in Cyberlaw and AI to produce a dissertation that reflects original thought and addresses contemporary legal challenges

PLO4: Apply knowledge of data privacy laws and regulations to develop compliance strategies for technology-driven organizations that protect individual rights

PLO5: Develop legal strategies to address AI-driven disputes and cyber-related issues using case studies and practical scenarios to inform decision-making

PLO6: Communicate effectively with diverse stakeholders on complex legal and technological issues, using persuasive and clear language both orally and in writing

PLO7: Apply knowledge of Cyberlaw, AI and emerging technologies to drive innovation in policy development and address complex legal and technological challenges.

Curriculum

Program Component	Courses	Credit Hours
Major Requirements	**8**	**24**
Master Thesis	**2**	**6**
Total	**10**	**30**

Major Requirements — 24 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
CLA 501	Cybersecurity Law	3	No Prerequisite
CLA 502	Artificial Intelligence Regulation and Governance	3	No Prerequisite
CLA 503	Data Privacy and Protection	3	CLA 501
CLA 504	Intellectual Property in the Digital Age	3	CLA 501
CLA 505	Ethics in Artificial Intelligence	3	CLA 502
CLA 506	Cybercrime and the Law	3	CLA 501, CLA 503
CLA 507	Emerging Technologies and Legal Challenges	3	CLA 501, CLA 502
CLA 508	Practical Training in Cyber Law and Artificial Intelligence	3	All prior courses

Master Thesis — 6 Credit Hours

Course Code	Course Title	Credit Hours	Prerequisite(s)
CLA 600(a)	Thesis Proposal and Seminar	3	24 Credit Completion
CLA 600(b)	Thesis Draft and Defense	3	CLA 600(a)

MASTER OF LAW IN CYBERLAW AND ARTIFICIAL INTELLIGENCE Study Plan - Full Time

Term I			Total Credit Hours : 6
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 501	Cybersecurity Law	3	No Prerequisite
CLA 502	Artificial Intelligence Regulation and Governance	3	No Prerequisite
Term II			**Total Credit Hours : 6**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 503	Data Privacy and Protection	3	CLA 501
CLA 504	Intellectual Property in the Digital Age	3	CLA 501
Term III			**Total Credit Hours : 6**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 505	Ethics in Artificial Intelligence	3	CLA 502
CLA 506	Cybercrime and the Law	3	CLA 501, CLA 503
Term IV			**Total Credit Hours : 6**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 507	Emerging Technologies and Legal Challenges	3	CLA 501, CLA 502
CLA 508	Practical Training in Cyber Law and Artificial Intelligence	3	All prior courses
Term V			**Total Credit Hours : 3**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 600(a)	Thesis Proposal and Seminar	3	24 Credit Completion
Term VI			**Total Credit Hours : 3**
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 600(b)	Thesis Draft and Defense	3	CLA 600(a)

MASTER OF LAW IN

CYBERLAW AND ARTIFICIAL INTELLIGENCE Study Plan - Part Time

Term I			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 501	Cybersecurity Law	3	No Prerequisite

Term II			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 502	Artificial Intelligence Regulation and Governance	3	No Prerequisite

Term III			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 503	Data Privacy and Protection	3	CLA 501

Term IV			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 504	Intellectual Property in the Digital Age	3	CLA 501

Term V			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 505	Ethics in Artificial Intelligence	3	CLA 502

Term VI			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 506	Cybercrime and the Law	3	CLA 501, CLA 503

Term VII			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 507	Emerging Technologies and Legal Challenges	3	CLA 501, CLA 502

Term VIII			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 508	Practical Training in Cyber Law and Artificial Intelligence	3	All prior courses

Term IX			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 600(a)	Thesis Proposal and Seminar	3	24 Credit Completion

Term X			Total Credit Hours : 3
Course Code	**Course Title**	**Credit Hours**	**Prerequisite(s)**
CLA 600(b)	Thesis Draft and Defense	3	CLA 600(a)

PHD IN **LAW**

برنامج الدكتوراه في **القانون**

مهمة البرنامج:

يهدف برنامج دكتوراه الفلسفه في القانون إلى إعداد باحثين قانونيين متميزين يمتلكون الكفاءة الأكاديمية والقدرة البحثية لمواكبة التطورات القانونية المعاصرة، وتعزيز الابتكار في التشريعات والسياسات القانونية. يسعى البرنامج إلى ترسيخ المعرفة القانونية المتقدمة، وتنمية مهارات التحليل القانوني النقدي، وتمكين الطلبة من إجراء أبحاث قانونية معمقة تسهم في تطوير الفكر القانوني محليًا ودوليًا. كما يلتزم البرنامج بدعم التنمية المستدامة للنظام القانوني، وتخريج كوادر مؤهلة تلبي احتياجات القطاعات الأكاديمية، القضائية، والتشريعية، بما يعزز سيادة القانون والعدالة في المجتمع.

أهداف البرنامج:

يجمع برنامج الدكتوراه المقترح في القانون بين الأسس النظرية والتطبيق العملي عبر مختلف التخصصات القانونية. وفيما يلي الأهداف المحددة للبرنامج:

PG1 - منح الطلاب معرفة مُمتعمقة في الفروع المختلفة من القانون الخاص والقانون العام.

PG2 - تزويد الطلاب بمهارات البحث اللازمة لتطبيقها بأسلوب دقيق في مجال القانون الخاص والقانون العام.

PG3 - تطوير القدرات والمهارات الفكرية للطلاب.

PG4 - تزويد الطلاب بالمهارات اللازمة لتحسين قدراتهم التنافسية في سوق العمل وفي أدائهم المهني.

PG5 - تمكين الطالب من أجراء أبحاث ودراسات متخصصة في مجالات القانون العام والقانون الخاص والقانون المقارن بطريقة تساهم في إثراء المعرفة القانونية وتلبية احتياجات مؤسسات التعليم العالي والبحث العلمي الرسمية والخاصة في المجتمع الإماراتي.

PG6 - إكساب الطلاب المعايير الأخلاقية والمثالية والتي ينبغي على كل من يعمل في المجال القانوني الامتثال لها إعداد البحوث العلمية

منهاج الدكتوراه في القانون

إجمالي عدد الساعات المعتمدة: 60

Phd in Law Curriculum

60 Total Credit Hours

المتطلبات الأساسية

18 ساعة معتمدة

Core Electives

18 credit Hours

المساقات الإلزامية في دكتوراة القانون العام والخاص (6 ساعات معتمدة)			
Credit Hours عدد الساعات المعتمدة	**Prerequisite(s)** المتطلب السابق	**Course Title** اسم المساق	**Course Code** رقم المساق
3	لا يوجد	طرق ومناهج كتابة البحث القانوني	LARM601
3	لا يوجد	تصنيف وكتابة البحوث القانونية	LACW603
المساقات الإلزامية لدكتوراة القانون العام			
Credit Hours عدد الساعات المعتمدة	**Prerequisite(s)** المتطلب السابق	**Course Title** اسم المساق	**Course Code** رقم المساق
3	لا يوجد	الاتجاهات الحديثة في القانون الجزائي	MTCL608
3	لا يوجد	الاتجاهات الحديثة في القانون الإداري	MTAD610
3	لا يوجد	الاتجاهات الحديثة في القانون الدولي العام (باللغة الإنجليزية)	MTPI611
3	لا يوجد	النظم المالية والضريبية المقارنة	LAFT612
المساقات الإلزامية لدكتوراة القانون الخاص			
Credit Hours عدد الساعات المعتمدة	**Prerequisite(s)** المتطلب السابق	**Course Title** اسم المساق	**Course Code** رقم المساق
3	لا يوجد	الاتجاهات الحديثة في قانون الإجراءات المدنية	MTCP608
3	لا يوجد	الفقه المقارن	LACJ603
3	لا يوجد	قانون المعاملات المدنية المقارن	CCTL611
3	لا يوجد	الاتجاهات الحديثة في القانون التجاري (باللغة الإنجليزية)	MTCL609

Major Electives
6 credit Hours

المتطلبات الاختيارية
6 ساعة معتمدة

Course Code رقم المساق	Course Title اسم المساق	Prerequisite(s) المتطلب السابق	Credit Hours عدد الساعات المعتمدة
LAAI604	قوانين التقنية والذكاء الاصطناعي	لا يوجد	3
LAOS605	النظام القانوني للفضاء الخارجي	لا يوجد	3
LEOS606	اقتصاديات الفضاء الخارجي (باللغة الإنجليزية)	لا يوجد	3
LAEE607	اقتصاديات الطاقة	لا يوجد	3

Thesis Electives
36 credit Hours

أطروحة الدكتوراه
36 ساعة معتمدة

Course Code رقم المساق	Course Title اسم المساق	Prerequisite(s) المتطلب السابق	Credit Hours عدد الساعات المعتمدة
LADT690 (A)	مقترح الأطروحة والسمينار	جميع المساقات الأساسية	3
LADT690 (B)	مسودة الأطروحة	LADT690 (A)	6
LADT690 (C)	مسودة الأطروحة	LADT690 (B)	9
LADT690 (D)	مسودة الأطروحة	LADT690 (C)	9
LADT690 (E)	مسودة الأطروحة والدفاع النهائي	LADT690 (D)	9

PHD IN
PUBLIC LAW -
Study Plan

الخط الدراسية لبرنامج
دكتوراه في القانون

مساقات العام الاولى				
Term 1				
تخصص الدكتوراة	Course Code رقم المساق	Course Title اسم المساق	Credit Hours عدد الساعات المعتمدة	(Prerequisite(s المتطلب السابق
دكتوراة القانون العام او الخاص	LARM601	طرق ومناهج كتابة البحث القانوني	3	لا يوجد
مساقات القانون الخاص				
دكتوراة القانون الخاص	CCTL611	قانون المعاملات المدنية المقارن	3	لا يوجد
مساقات القانون العام				
دكتوراة القانون العام	CCTL611	الاتجاهات الحديثة في القانون الجزائي	3	لا يوجد
		اجمالي عدد الساعات/Total Credit Hours	**6**	
Term 2				
مساقات القانون الخاص				
دكتوراة القانون الخاص	MTCP608	الاتجاهات الحديثة في قانون الإجراءات المدنية	3	لا يوجد
	LACJ603	الفقه المقارن	3	لا يوجد
مساقات القانون العام				
دكتوراة القانون العام	MTAD610	الاتجاهات الحديثة في القانون الإداري	3	لا يوجد
	MTPI611	الاتجاهات الحديثة في القانون الدولي العام (باللغة الإنجليزية)	3	لا يوجد
		اجمالي عدد الساعات/Total Credit Hours	**6**	

Term 3				
دكتوراة القانون العام او الخاص	LACW603	تصنيف وكتابة البحوث القانونية	3	لا يوجد
مساقات القانون الخاص				
دكتوراة القانون الخاص	MTCL609	الاتجاهات الحديثة في القانون التجاري (باللغة الإنجليزي)	3	لا يوجد
مساقات القانون العام				
دكتوراة القانون العام	LAFT612	النظم المالية والضريبية المقارنة	3	لا يوجد
6		اجمالي عدد الساعات/Total Credit Hours		
Term 4				
دكتوراة القانون العام او الخاص	--	المادة الاختبارية (1)	3	لا يوجد
	--	المادة الاختبارية (2)	3	لا يوجد
6		اجمالي عدد الساعات/Total Credit Hours		
العام الثاني – الفصل الدراسي الأول				
دكتوراة القانون العام او الخاص	LADT690 (A)	مقترح الأطروحة والسيمنار	3	كل المتطلبات الاساسية
	LADT690 (B)	مسودة الأطروحة	3	LADT690 (A)
9		اجمالي عدد الساعات/Total Credit Hours		
العام الثاني – الفصل الدراسي الثاني				
دكتوراة القانون العام او الخاص	LADT690 (C)	مسودة الأطروحة	9	
9		اجمالي عدد الساعات/Total Credit Hours		
18		اجمالي الساعات المعتمدة للعام الثاني:		

العام الثالث – الفصل الدراسي الثالث				
دكتوراة القانون العام او الخاص	LADT690 (D)	مسودة الأطروحة	9	LADT690 (C)
9		اجمالي عدد الساعات/Total Credit Hours		
العام الثالث – الفصل الدراسي الرابع				
دكتوراة القانون العام او الخاص	LADT690 (E)	مسودة الأطروحة والدفاع النهائي	9	LADT690 (D)
18		اجمالي الساعات المعتمدة للعام الثاني:		

البرامج الأكاديمية
للكليات العسكرية

أهداف برامج الماجستير

1. تطوير مناهج أكاديمية عالية الجودة ذات مستوى مهني راقٍ في مجال العلوم العسكرية والمدنية.
2. إعداد ضباط مؤهلين تأهيلاً جيداً لخدمة القوات المسلحة الإماراتية، متسلحين بمهارات التحليل والتخطيط والقدرة على حل المشكلات؛ مما يساعدهم على التعامل بنجاح مع تحديات الدفاع الوطني في القرن الحادي والعشرين.
3. الالتزام بأعلى المعايير العالمية للجودة العلمية والمخرجات التعليمية.

الرؤية

تمثل البرامج الأكاديمية للكليات العسكرية شراكة استراتيجية وأكاديمية بين جامعة أبوظبي والقيادة العامة للقوات المسلحة لدولة الإمارات العربية المتحدة ، بهدف إعداد خريجين مؤهلين تأهيلا عالياً لتلبية الاحتياجات المستقبلية للقيادة العامة. حيث بدأت الشراكة في عام 2009 بتوقيع مذكرة تفاهم.

الرسالة

تهدف البرامج الأكاديمية للكليات العسكرية إلى تطوير معايير عالية الجودة ومهنية استثنائية في كل من الدورات العسكرية والمدنية ، وكذلك تزويد الأفراد بالمعرفة والمهارات في مجالات التخطيط والتحليل ، مما يمكنهم من حل المشكلات وأداء واجباتهم ومسؤولياتهم بتفان ودقة.

رسالة برامج الماجستير

تسعى البرامج الأكاديمية في الكليات العسكرية - كلية القيادة والأركان المشركة الى تقديم وتطوير برامج أكاديمية متميّزة في مجال العلوم العسكرية والمدنية من خال نخبة من الأستاذة والأكاديميين لإعداد قادة مؤهلن ذوي معارف علميّة ومهارات تطبيقية متميّزة في إدارة الموارد البشرية والعلاقات الدولية و التحليل والتخطيط الاسراتيجي والقدرة على حل الإشكاليات للقيام بالمسؤوليات المستقبلية المنوطة بهم على كافة الجوانب المعرفية والفنية والمهاراتية العسكرية لخدمة القوات المسلحة بفاعليّة في دولة الإمارات العربية المتحدة.

رؤية برامج الماجستير

تطمح البرامج الأكاديمية في الكليات العسكرية - كلية القيادة والأركان المشركة، بأن تكون رائدة في تقديم البرامج الأكاديمية والتدريبية ضمن معايير عالمية من أجل إعداد قادة ذوي كفاءات عالية ومهارات متميّزة في إدارة الموارد البشرية والعلاقات الدولية والتحليل والتخطيط الاستراتيجي بما يحقق طموحات القوات المسلحة الإماراتية المستقبلية.

برنامج الماجستير في
إدارة الموارد البشرية (33) ساعة معتمدة

أهداف البرنامج

1. إعداد خريجين لديهم القدرة على إظهار الكفاءة في إدارة مهام الموارد البشرية وقيادتها على المستويين الوطني والدولي.
2. إعداد خريجين لديهم المعرفة والمهارات اللازمة في الإدارة الاستراتيجية وتطبيق مفاهيمها.
3. إعداد خريجين لديهم القدرات الفاعلة على إجراء الأبحاث.
4. إعداد خريجين قادرين على استعمال مفاهيم تقييم الوظائف وتقويم الأداء.

المخرجات التعليمية

يتوقع أن يكون الخريجون قادرين على:

- تقييم الممارسات المحلية والعالمية لإدارة الموارد البشرية.
- استخدام المعرفة والمهارات والبحوث التطبيقية في إدارة الموارد البشرية ومعالجة قضاياها.
- تحليل دور إدارة الموارد البشرية في دعم إستراتيجية المنظمة.
- استيعاب الأبعاد الأخلاقية والقانونية والاجتماعية في إدارة الموارد البشرية.

مساقات البرنامج

إجمالي الساعات المعتمدة: (33) ساعة معتمدة

المساقات التمهيدية

تطرح للطلاب الذين لم يسبق لهم دراسة مساقات في مجال إدارة الأعمال ، ويعفي الطالب من دراسة كل أو بعض هذه المساقات في حال دراسته لها (أو ما يعادلها) من قبل في المراحل الدراسية السابقة لالتحاقه بالبرنامج.

لا تدخل هذه المساقات في احتساب المعدل التراكمي للطالب ولا من ضمن عدد الساعات المطلوبة في البرنامج وتكون (ناجح / راسب) .

الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	MGT 482-PC	**مبادئ الإدارة**	0	لا توجد
2	BUS 482-PC	**الأساليب الكمية في الإدارة**	0	لا توجد

المساقات الإجبارية (24 ساعة معتمدة):

الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	HRM 517	إدارة الموارد البشرية في بيئة عالمية	3	MGT 482-PC او ما يعادلها
2	HRM 536	إدارة الأداء و التعويضات	3	HRM 517
3	HRM 535	قانون العمل والعلاقات العمالية	3	لا يوجد
4	MGT 514	السلوك التنظيمي	3	MGT 482-PC او ما يعادلها
5	MGT 524	مناهج البحث العلمي في الإدارة	3	MGT 482-PC
6	MGT 523	الإدارة الاستراتيجية للموارد البشرية	3	HRM 517
7	HRM 599	رسالة الماجستير	6	تطرح في الفصل الاخير

المساقات الاختيارية (9 ساعات معتمدة):

الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	HRM 529	تدريب وتطوير العاملين	3	HRM 517
2	HRM 531	إدارة الأداء التنظيمي	3	HRM 536
3	MGT 525	إدارة التغيير	3	MGT 514
4	HRM 522	التفاوض وفض النزاعات	3	MGT 514
5	MGT 521	إدارة الأعمال الدولية	3	MGT 482-PC
6	HRM 533	إدارة الموارد البشرية الرقمية	3	HRM 517
7	HRM 534	قضايا معاصرة في إدارة الموارد البشرية	3	HRM 517

شروط قبول برنامج الماجستير في ادارة الموارد البشرية (باللغة العربية للعسكريين):

القبول الدائم

1. أن يكون الطالب حاصلاً على درجة البكالوريوس أو ما يعادلها من مؤسسة أكاديمية معتمدة من وزارة التربية والتعليم الإماراتية بمعدل تراكمي 3.0 من 4.0 أو ما يعادله.
2. شهادة اختبار اتقان اللغة الإنجليزية TOEFL بدرجة 450 من(Amideast) أو IELTS أكاديمي بدرجة 4.5 من المركز الثقافي البريطاني أو مايعادلها من أختبارات الكفاءة اللغوية المحلية أو الدولية التي تعتمدها المفوضية. ويكون مقبولاً اذا كان قد مضى عليه مدة لا تزيد عن سنتين.

IELTS Academic	TOEFL	EmSat
4.5	(CBT , 45 IBT 133) 450	950-1075

يستثنى من شرط اللغة الانجليزية بعد موافقة مفوضية الإعتماد الإكاديمي، الطلبة خريجي المؤسسات التي تدرس باللغة الإنجليزية. ويطبق هذا الاستثناء فقط على الطلبة الذين أنهوا المستوى الثاني عشر وحصلوا على درجة البكالوريوس من دول مرجعية ناطقة باللغة الإنجليزية مثل المملكة المتحدة، والولايات المتحدة الأمريكية، وأستراليا، ونيوزيلاندا

القبول المشروط:

يمكن قبول الطلبة قبولاً مشروطاً بناءً على معدلهم في درجة البكالوريوس وبعد تحقيقهم لشرط اتقان اللغة الانجليزية:

1. إذا كان الطالب حاصلاً على معدل تراكمي في درجة البكالوريوس من 2.5 إلى أقل من 3.0 فإنه يحق للطالب تسجيل 9 ساعات للفصل الدراسي الأول كحد أقصى ويجب عليه الحصول على معدل تراكمي 3.0 من 4.0 أو ما يعادله
2. إذا كان الطالب حاصلاً على معدل تراكمي في البكالوريوس من 2.0 إلى أقل من 2.5 فإنه يحق للطالب تسجيل 9 ساعات للفصل الدراسي الأول كحد أقصى من الساعات الاستدراكية من مستوى مساقات الماجستير بحيث لا تكون هذه الساعات من الساعات المعتمدة في البرنامج. ويجب عليه الحصول على معدل تراكمي في نهاية الفصل الدراسي الأول بما لا يقل عن 3.0 من 4.0 أو ما يعادله ، وبعد ذلك يسجل في مساقات البرنامج.
3. بالنسبة للطلاب الذين لم يسبق لهم دراسة مساقات في مجال إدارة الأعمال، فإنه يتعين عليهم دراسة المساقات الاستدراكية قبل الالتحاق بالبرنامج. ويعفى الطالب من دراسة كل أو بعض هذه المساقات في حال دراسته لها أو ما يعادلها من قَبل في المراحل السابقة على الالتحاق بالبرنامج.

* الطلاب الحاصلين على شهادات من خارج الدولة يتوجب عليهم إحضار معادلة الشهادة من وزارة التربية والتعليم بمدة أقصاها الفصل الدراسي الأول وفي حال لم يتمكن من احضار المعادلة فانه يتوجب عليه تقديم ما يثبت السير في اجراءات المعادلة لقسم القبول ليتم تقييم الحالة وإلا لن يسمح له بالتسجيل للفصول اللاحقة.

المنهاج الدراسي لبرنامج الماجستير في إدارة الموارد البشرية:

الفصل الأول			عددالساعات : 6
الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	HRM 517	إدارة الموارد البشرية في بيئة عالمية	3	MGT 482-PC أو ما يعادله
2	MGT 524	مناهج البحث العلمي في الإدارة	3	MGT 482-PC

الفصل الثاني			عددالساعات : 6
الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	MGT 514	السلوك التنظيمي	3	MGT 482-PC أو ما يعادله
2	HRM 536	إدارة الأداء و التعويضات	3	HRM 517

الفصل الثالث			عددالساعات : 6
الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	HRM 535	قانون العمل والعلاقات العمالية	3	HRM 517
2	-	مساق اختياري (1)	-	-

الفصل الرابع			عددالساعات : 9
الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	MGT 523	الإدارة الاستراتيجية للموارد البشرية	3	HRM 517
2	-	مساق اختياري 2	3	
3	-	مساق اختياري 3	3	-

الفصل الخامس			عددالساعات : 6
الرقم	رمز المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1	HRM599	رسالة الماجستير	6	يُطرح فى الفصل الأخير

MASTER OF

INTERNATIONAL RELATIONS PROGRAM

Program Goals

Master of International Relations (MIR) program is considered the first of a kind to be offered in United Arab Emirates (UAE) Higher Education Sector. The program provides the students with advanced theoretical studies, knowledge, and skills in one of the utmost needed areas in UAE. MIR program aims to qualify its graduates to occupy diplomatic positions in their country:

1. enhance students' knowledge about key issues and up to date developments in international relations fields
2. develop the students' knowledge and experience in international relations field both in the Gulf area and in UAE
3. provide students with the main theories in the IR field and enhance their critical thinking skills
4. provide students with analytical research skills in the structures, processes, and politics internationally and transnationally
5. develop students' ability to apply theoretical knowledge in comprehending contemporary international relations
6. develop the international experience of the students.

Program Learning Outcomes

On completion of the program, graduates of Abu Dhabi University Master of International Relations program will be able to:

- Critically evaluate the major theoretical and analytical perspectives within the field of international relations.
- Apply theoretical, conceptual and methodological approaches to contemporary International Relations issues.
- Demonstrate critical thinking and analytical skills to address complex international relations challenges in regional and global contexts.
- Apply appropriate foreign policy decision-making models to critically analyze and explain foreign policy choices.
- Communicate complex international relations issues and/or research findings effectively.

Curriculum

Total Credit Hours: 33

Program Core Requirements	33 credit hours

Pre-Core Courses

Course Code	Course Title	Prerequisite	Credit Hours
MIR 482-PC	Introduction to International Relations	-	0

Core Courses

Course Code	Course Title	Prerequisite	Credit Hours
MIR 501	Research Methodology in International Relations	-	3
MIR 502	Theory of International Relations	-	3
MIR 503	International Crisis Management	MIR 501, MIR 502	3
MIR 504	Foreign Policy Analysis	-	3
MIR 505	The UAE Foreign Policy	MIR 501, MIR 502, MIR 504	3
MIR 506	The Gulf and the World	MIR 502	3
MIR 507	International Nuclear Politics	MIR 501, MIR 502, MIR 504, MIR 505	3
MIR 508	International Terrorism	MIR 502, MIR 503	3
MIR 509	Regional and International Security	MIR 502, MIR 503, MIR 504	3
MIR 599	Thesis	Reg. in Last Semester	6
Total Credit Hours			**33**

MASTER OF INTERNATIONAL RELATIONS PROGRAM Study Plan

Course Code	Course Title	Prerequisite	Credit Hours
Semester 1			
MIR 501	Research Methodology in International Relations	-	3
MIR 502	Theory of International Relations	-	3
Credit Hours			**6**
Semester 2			
MIR 504	Foreign Policy Analysis	-	3
MIR 506	The Gulf and the World	MIR 502	3
Credit Hours			**6**
Semester 3			
MIR 503	International Crisis Management	**MIR 501, MIR 502**	3
MIR 505	The UAE Foreign Policy	MIR 501. MIR 502, MIR 504	3
Credit Hours			**6**
Semester 4			
MIR 507	International Nuclear Politics	MIR 501, MIR 502, MIR 504, MIR 505	3
MIR 508	International Terrorism	MIR 502, MIR 503	3
MIR 509	Regional and International Security	MIR 502, MIR 503, MIR 504	3
Credit Hours			**9**
Semester 5			
MIR 599	Thesis	Last Semester	6
Credit Hours			**6**
Total Credit Hours			**33**

CODE
OF CONDUCT

Academic Integrity

I. Academic Integrity (AI) Violations

There are various ways in which academic honesty can be violated which are discussed below.

A. Cheating

Cheating is an act that diminishes the learning process and is intended to gain grades and academic advantages without actually doing the intellectual work that merits the grades or degree.

Examples of cheating include but are not limited to:

1. Copying another person's test answers during an exam.
2. Exchanging information regarding an exam during the exam.
3. Copying answers from notes such as those written on the body, clothing, pieces of paper, or electronic devices such as earpieces, mobile phones and/or calculators.
4. Obtaining a copy of or information about an examination ahead of time.
5. Looking up answers in a book when the exam is specifically a closed book exam.
6. Buying projects and term papers.
7. Copying from someone else's paper, project or assignment.
8. Using notes or books during exams unless expressly allowed by the instructor.
9. Hiring a surrogate test taker in paper-based exams or giving remote access to someone else in computer-based exams.
10. Bringing forbidden materials such as calculators, computers, books, or notes into the exam unless expressly allowed by the instructor.
11. Communicating with other students regarding an examination during the exam.
12. Failing of students to switch off mobile phones during the exam

B. Plagiarism

Plagiarism means representing another person's work as the student's own without acknowledgments. Plagiarism is a form of cheating. It means that students have submitted work for grading that they have not written themselves. Hence, there is no way to know if students have learned the material or merely copied it.

While students may cite direct quotes and pieces of texts, these should be used to support ideas. Even if all the sources have been properly cited, extensive copying is unacceptable, as understanding can only be demonstrated by students using their own thoughts and words.

All borrowed materials – direct or indirect (paraphrased) – require acknowledgments of the sources

Examples of materials borrow that require referencing are texts, graphs, photos/images, etc. from external sources such as internet, journals, books, and alike.

Examples of plagiarism include but are not limited to:

1. Borrowing all or part of another student's paper or using someone else's outline.
2. Using the same paper for multiple classes.
3. Submitting the same paper in two different courses and submitting it as the student's own work.
4. Copying sections of text from a source and replacing several individual words or phrases with synonyms, or similar words.
5. Using any Artificial Intelligence (AI) software to support in writing without providing a clear declaration in the student's paper.

Turnitin (anti-plagiarism software)

The faculty at Abu Dhabi University use a variety of techniques to authenticate student work. All written work is authenticated using Turnitin detection software. Turnitin is designed to detect various types of plagiarism

in submitted documents, including text wherein individual words have been replaced by synonyms, or similar words. Any submitted written work that is suspected of plagiarism will be referred to the Office of Academic Integrity for further investigation. Students violating the University's Academic Integrity Policy are subject to penalties that include dismissal from the University.

C. Fabrication of Data

Fabrication of data is the falsification or invention of any information or citation in an academic exercise. Fabricated information or data may not be used in any laboratory experiment or research project.

Examples of fabrication of data include but are not limited to:

1. Deliberately misreporting results of an experiment or field research.
2. Inventing data and resources for written, oral, or other presentations.
3. Inventing case studies and relevant facts in reports, papers, or presentations.

D. Presenting False Credentials

Presenting false or misleading credentials on applications, CV's, and any other documents presented as part of the student's life constitutes academic dishonesty.

Examples of false credentials include but are not limited to:

1. Claiming degrees that were not earned.
2. Failing to report colleges and universities attended.
3. Presenting falsified transcripts.
4. Presenting falsified information.
5. Claiming false employment.
6. Misrepresenting immigration status.
7. Using fake ID cards.

E. Collusion

Collusion occurs when students work together on a piece for assessed work when "working together" is not allowed. Collusion can occur when students copy from each other. Evidence of collusion on students' papers occurs when two or more papers have similar or identical wording. An individual student's understanding cannot be assessed if "ownership" of the assignment cannot be determined.

A student who "lends" his/her paper to other students is just as guilty as those who have copied from it, and unless it can be proven with absolute certainty, who wrote the original paper, the "lender" will also be faced with academic penalties.

F. Free Riding

When assigned to work in collaborative groups, all students should participate in the activity or project. Students who could not demonstrate their contribution to the group work/activity will be considered as cheaters.

II. Penalty for Violations of Academic Integrity (AI)

All instances of violations of the AIP are subject to sanctions, including dismissal for cheating, other academically related egregious acts of deceptions and/or reckless disregard for the principle of AI. Under special circumstances and/or based on lesser degree of severity of the AIP violations, lower sanctions may be imposed.

Students found in violation of the AIP for the second time will be subject to more heightened sanctions. Students found in violation of the AIP for the third time will be subject to dismissal from Abu Dhabi University.

Imposition of any sanction for violation of the AIP is subject to due-process being carried out, availability of sufficient evidence being examined, the adjudication process being completed, and the process of appeal being exhausted.

Students dismissed from Abu Dhabi University for violations of the AIP will receive a failing grade (F) in the course in which the violation has occurred. Students dismissed from Abu Dhabi University for violations of the AIP are not eligible for receiving any refunds of tuitions and fees.

Excerpts of Examinations Protocols and Rules - Students' Responsibilities

I. Introduction

The Office of Academic Integrity (OAI) has formulated Examinations' Protocols and Rules that govern students' conduct during examinations. It is the responsibility of students to be familiar with these rules and comply with them.

II. Types of Examinations

Examinations at Abu Dhabi University (ADU) can be either "closed book" or "open book." In "closed book" examinations,

access to all materials related to the course is strictly prohibited. In "open book" examinations, students are allowed to have access to all materials during examination, with the exception of those specifically prohibited by the instructor. In the absence of any specific information, examinations are to be considered as "closed book."

III. Students' Responsibilities

A. Pre Examination

1. Switch-off your mobile phones (and all other electronic devices) and place them in front of the examination room and away from where you are seated.
2. Put all the materials such as books, notes, etc. in front of the examination room and away from where you are seated.
3. Select your seat randomly and avoid seating next to friends, family, and/or associates.
4. Bring and use only the type of calculator that is allowed by the instructor.

B. During Examination

1. Read and sign the "Warning Section" on the top of the Exam Cover Sheet.
2. Sign the exam's "Attendance Sign-Up Sheet."
3. Refrain from looking at someone else's exam paper
4. Refrain from engaging in any form of communication (e.g., talking and/or whispering) with other students.
5. Refrain from any movements that can raise suspicions of illicit activities.
6. Refrain from engaging in any arguments with the instructor or proctor.
7. Write answers on the papers provided by the proctor.
8. Use the back of your answer sheets for any required calculations.

C. After Examination

1. Finish the examination on time and stop writing answers when instructed to do so.
2. Leave the room quietly.
3. Collect your belongings.
4. Report any concerns or problems to the OAI staff.

Excerpts of Procedural Guidelines for Examinations and Proctoring

I. Introduction

The content and particulars of examinations are decided by the faculty members and communicated to the proctors and other concerned individuals such as IT staff. The overriding responsibility of the Office of Academic Integrity (OAI) is to ensure the integrity of the examination processes.

The responsibility for providing proctors to administer examinations rests with colleges and academic units. In the event of any shortfalls, the OAI will arrange for additional proctors to meet the needs of colleges and academic units.

The Procedural Guidelines for Examinations and Proctoring are described in the following sections. It is the responsibility of faculty members and proctors to be familiar with these rules and comply with them.

II. Personal and Professional Attributes of Proctors

- Good reputation,
- Ability to take a supervisory role in the administration of examinations, and
- Lack of conflict of interest, both "in fact" and "in appearance."

III. Types of Examinations

Irrespective of the type of examination, and to minimize the possibility of students' violations of the Academic Integrity Policy, faculty members are requested to prepare more than one version of an exam (this could be done by simple rearrangement of the questions or changing numbers in the exercises, etc.). In addition, all examinations should have the standard Exam Cover Sheet.

Examinations at ADU can be either "closed book" or "open book." In "closed book" examinations, access to all materials related to the course is strictly prohibited, unless the materials are provided by the instructor (e.g., a formula sheet). In "open book" examinations, students are allowed to have access to all materials, with the exception of those specifically prohibited by the instructor. In the absence of any specific information, examinations are to be considered "closed book."

IV. Types of Proctors

- Proctor – the person responsible for monitoring exam-taking activities to ensure compliance with applicable rules and procedures.
- Roving proctor – the person representing the college and responsible for all examinations in any given examination time slot. The roving proctor is responsible for overseeing the activities of all proctors and addressing any issues of concern.

V. Assigning Proctors

The scheduling of final examinations is the responsibility of the Office of the Registrar. The responsibility of the OAI is the assignment of proctors, which is done in collaboration with the colleges.

VI. Proctoring Duties

A. Pre Examination

1. Be available in the examination rooms 20 minutes and rearrange the chairs to create physical separation between students.
2. Review each examination information sheet for special requirements requested by the instructor.
3. Allow students into the examination room ten (10) minutes before the exam time.
4. Ensure random seating of students as they enter the classroom and take-up seats.
5. Request each student to display valid Student ID (other valid IDs with photo such as driving license may be acceptable).
6. Instruct students to put away all unauthorized materials, including mobile phones and other electronic devices in front of the examination room and away from where they are seated.
7. Review with students major items that constitute cheating (e.g. speaking, exchanging information, accessing unauthorized materials such as mobile phones, etc).
8. Ensure each student receives the correct version of the exam.
9. Place the examination papers in front of students, faced-down, and one-by-one.
10. Announce the start of the examination, write the time of the examination on the whiteboard (e.g., exam duration two (2) hours, starting time 09:00 a.m., and finishing time 11:00 a.m.), and adjust the finishing time, if necessary (e.g., exams starting with some delays require finishing time to be extended to compensate for the delay).
11. Start the exam.

B. During Examination

1. Preventing conducts that are violations of the provisions of the AIP (e.g., cheating), and
2. Detecting acts of violations of the provisions of the AIP (e.g., catching cheating activities).

Prevention - The continuous vigilance and engagement of proctors are the two necessary conditions to prevent violations.

Detection of Violations – In instances where direct evidence of violations exists (e.g., students using and/or possessing handwritten or electronically stored course related materials), the proctor should take the following actions:

1. Approach the student.
2. Collect the Student ID and the examination papers.
3. Secure the evidence of violation such as handwritten notes or electronic devices.
4. Notify the instructor of the course or the roving proctor.
5. Complete and submit to the OAI the Exam Violation Documentation Form along with the evidence of cheating (e.g., notes, mobile phones, or other electronic devices).
6. Notify the roving proctor and/or the representative of the OAI, in cases of non-cooperating students.

In instances where the violations of the AIP is suspected, but no direct evidence is observed, students should be allowed to complete the exam. However, once the exam is completed, students' exam papers should be marked as "suspected case of cheating," the instructor of the course notified, the Exam Violation Documentation Form completed, and the case referred to the OAI.

In addition to the above broad guidelines, proctors need to follow specific rules during examinations, as outlined below:

1. Ensure unauthorized electronic devices are kept away from the proximity of students.
2. Remind students that any violations of the AIP will result in the ejection of students from the examination room.
3. Instruct students to read and sign the "Warning Section" on the top of the Exam Cover Sheet.
4. Circulate exam's "Attendance Sign-Up Sheet" to collect students' signatures.
5. Prevent students to enter the examination room after 30 minutes from the start of the exam. In these cases, the Non-Admitted Late Comers Notification Form should be completed and submitted to the OAI.
6. Prevent students to leave the examination room prior to 40 minutes from the start of the exam.
7. Prohibit use of any unauthorized materials or resources unless specifically allowed by the instructors.
8. Monitor students to ensure they are focused on completing the examination.
9. Maintain a physical presence at all times by walking around and paying close attention to students' behavior and conduct.
10. Monitor students' conduct while on emergency break (e.g., using the restrooms).
11. Enforce the following exam-taking rules:
    a. No talking between and among students,
    b. No answering of questions by students or proctors,
    c. No exchanges of any kind of materials between and among students, and
    d. No change of seats unless for valid reasons and with the consent of the proctor.

C. After Examination

1. Finish the examination on time and orderly.
2. Secure the completed examination papers.
3. Deliver completed exams to the representative of the college or the roving proctor.
4. Ensure students remain seated until the proctor collects the examination papers.
5. Collect examination papers from students, one-by-one.
6. Account for the total number of exam copies by counting completed exam papers, match the numbers against the number of students on the "Attendance Sign-Up Sheet", and the head count.
7. Validate the completeness of total copies of the exam (i.e., exams taken plus excess copies should be equal to the number of copies originally received).
8. Contact the IT staff to secure the lab for the lab-based examinations.
9. Remind students to collect their personal belongings.
10. Handover any items left behind by students to the Security Officer or the OAI Representative.

COURSE DESCRIPTIONS

COLLEGE OF ARTS, EDUCATION, AND SOCIAL SCIENCES

General Education Courses

Professional Post-Graduate Diploma in Teaching

Core Courses

EDUC510 - Educational Foundations & Classroom Management

Credit Hours: 3

Prerequisite: No pre-requisite

This course will explore the foundations of education that lead to various theories of ethical and effective classroom management for K-12 settings. The course also examines the process of planning, fostering appropriate social interactions and student engagement, prevention of student misbehavior, response to challenging situations and building positive classroom communities

EDUC515 - School Curriculum

Credit Hours: 3

Prerequisite: No pre-requisite

This course explores various aspects of school curriculum including theoretical principles, and perspectives of curriculum design, implementation, and assessment for continuous improvement of student learning outcomes. Learners will engage in analysing curriculum framework, design, and creation of inclusive educational programs that will promote ethical and evidence-based learning experiences.

EDUC520- Foundations for Inclusive Education

Credit Hours: 3

Prerequisite: No pre-requisite

This course provides an in-depth exploration of the philosophical, psychological, educational, social, and legal foundations of special education. It is designed to equip students with advanced knowledge to implement instructional strategies and accommodations that effectively meet the needs of students of determination.

EDUC525- Educational Psychology and Learning

Credit Hours: 3

Prerequisite: No pre-requisite

This course explores human development, educational psychology theories, and their implications for teaching, learning, and assessment. Students will integrate theories into their teaching philosophy, setting goals for academic and professional growth while adhering to ethical standards.

EDUC53O - Integrating Technology in Education

Credit Hours: 3

Prerequisite: No pre-requisite

This course facilitates students' acquisition of technological skills and tools in an innovative teaching/ learning process. Students will familiarize themselves with a comprehensive technology toolkit, develop skills in selecting appropriate digital resources to facilitate the implementation of technology-integrated lesson plans and strategies, and adapt instruction to complex educational setting and diverse learner needs

EDUC580 - Practicum

Credit Hours: 6

Prerequisite: EDUC510,EDUC515, EDUC520, EDUC525

This course culminates knowledge and skills in the PGD-Teaching diploma. Students complete 13-weeks of practicum demonstrating mastery of teaching concepts. Students will participate in observation, lesson planning, development of appropriate assessment tools, classroom management plans, and reflection of their practicum. Additionally, students will publicly present their e-portfolio and teaching experience.

Elective Courses

EDUC540 - Methods for Teaching Islamic Studies

Credit Hours: 3

Prerequisite: EDUC510,EDUC515, EDUC520, EDUC525

This course is a specialized program designed to prepare scholars to effectively teach Islamic Studies. This course examines the concept of Islamic Studies and its significance for people and society. It is designed to provide key constructs of Islamic Studies create appropriate learning experiences, and design-based pedagogy and assessment skills relevant to grades K-12.

EDC 478 E - Methods for Teaching STEAM Courses

Credit Hours: 3

Prerequisite: EDUC510,EDUC515, EDUC520, EDUC525

This course is a specialized program designed to prepare scholars to effectively teach Social and Behavioral Sciences, Technology, Engineering, Arts, and Mathematics (STEAM), specifically the Science component.

This course examines the concept of STEAM (Science) and its significance for people and society. It is designed to provide key constructs of STEAM (Science), create STEAM (Science) learning experiences, and design STEAM-based (Science) pedagogy and assessment skills relevant to grades K-12.

EDUC560 - Methods for Teaching Languages

Credit Hours: 3

Prerequisite: EDUC510,EDUC515, EDUC520, EDUC525

This course critically examines contemporary approaches to teaching language, especially second, foreign and additional language, with some references to language arts. It incorporates the process of language learning and literacy development, emphasizing the four macro-language skills (reading, writing, listening, and speaking), and includes student-centered lesson planning, classroom management and assessment methods

.

EDUC570 - Methods for Teaching Early Childhood

Credit Hours: 3

Prerequisite: EDUC510,EDUC515, EDUC520, EDUC525

This course covers policies and standards for high-quality professional early childhood education practice, explores the roles educators, parents and the community in children's well-being and development. The physical, cognitive, linguistic, and social-emotional developmental stages of children, and exploration of the main early childhood education theorists guiding appropriate planning, development and implementation of curriculum for diverse learners

Master of Arts Applied Behavior Analysis

PRE-CORE Courses *For students who lack prior qualifications in any areas related to ABA

ABA410(PC) Brain and Behaviors

Credit hours: 3 credit Equivalent

Prerequisite: None

An introduction to the relation between body and behavior with a special focus on the brain and its role in human behavior. It gives an overview of bran development and various techniques to study the functional brain, domains of cognitive development, and neural streets of cognitive functions viz. memory, speech, etc. The course familiarizes students the genetic and neural basis of developmental disorders and cognitive rehabilitation of children with neurological impairment.

ABA420 (PC) Psychological Transitions Across the Lifespan

Credit hours: 3 credit Equivalent

Prerequisite: None

This course will provide a comprehensive understanding of human growth and development needed to facilitate change in a variety of practice settings. The course includes a review of the major theories and models associated with lifespan development. The primary focus of this course is to acquire an in-depth understanding of the theories and models of human growth and development over the lifespan. Students identify interventions and techniques of

behavior change appropriate for particular age groups or stages of development.

ABA430(PC) Inclusive Education & ABA

Credit hours: 3 credit Equivalent

Prerequisite: None

This course is designed to give students the basic overview of all the areas and categories of special education. The course will provide an advanced educational knowledge base consisting of philosophical, historical, psychological, educational, social and legal foundations of special education and its programs. The purpose is to prepare students to work with students identified with exceptionality and research-informed teaching practices to support the needs of diverse learners within the inclusive classrooms and to further collaborate with families of exceptional learners to achieve optimum learning outcomes for all.

ABA450(PC) Autism Seminar

Credit hours: 3 credit Equivalent

Prerequisite: ABA430

This course covers the most advanced issues in Autism, new approaches and researches, family and early intervention programs, rehabilitation and community services and legislations. This course covers issues related to different resources and new programs in the field of Autism and related services in special education. This course will cover readings and research on narrative people with Autism as well as field visits to Autism center in UAE. This course design to help students to examine current research on Autism and related services programs provides for persons with autism and their families. Programs and activities designed to increase students' awareness and knowledge of the characteristics and the educational, psychological, social, medical needs and support needs for Autism. Several specific programs will be studied in greater detail, and students will be expected to complete an in-depth study in one of these areas.

CORE Courses

ABA510 Concepts and Principles of Behavior Analysis- 1

Credit hours: 3

Prerequisite: None

This course provides a comprehensive introduction to the fundamental concepts and principles of behavior analytics within the framework of natural science. The course delves into the defining characteristics of behavior analysis and differentiates between its three major branches: behaviorism, the experimental analysis of behavior (EAB), and applied behavior analysis (ABA).

ABA520 Concepts and Principles of Behavior Analysis- 11

Credit hours: 3

Prerequisite: None

This course will cover the principles of positive and negative reinforcement, helps students to understand how it differs from punishment in shaping behavior. It will explore stimulus control and discrimination within operant conditioning, emphasizing how behaviors are influenced by specific stimuli. The course aims to develop a comprehensive understanding of these core concepts in Applied Behavior Analysis (ABA)

ABA530 Applied research methods in Behavior Analysis: Experimental Design

Credit hours: 3

Prerequisite: None

This course focuses on applied research methods in Behavior Analysis, specifically experimental designs that are used for assessing behavioral modifications. Emphasis will be placed on the application of these experimental designs to real-world behavior modification scenarios. The course will also cover the ethical considerations and data analysis techniques necessary for evaluating the effectiveness of interventions. By the end, students will be equipped to design and implement research projects in the field of Behavior Analysis

ABA540 Ethical and Professional Conduct in Behavior Analysis.

Credit hours: 3

Prerequisite: None

This course focuses on the ethical and professional practice of applied behavior analysis. Students will develop in-depth, specialized and advanced knowledge and comprehensive understanding of the rights of individuals receiving behavioral intervention. Students will learn to adhere to the Professional and Ethical Compliance Code for Behavior Analysis.

ABA550 Identification and Assessment

Credit hours: 3

Prerequisite: ABA530

This course explores the principles and practices of identifying and assessing behaviors in Applied Behavior Analysis. Students will learn to conduct functional behavior assessments, utilize various assessment tools, and analyze data

to develop effective intervention strategies.

ABA560 Behavior Change Applications

Credit hours: 3

Prerequisite: ABA510 & ABA520

This course explores the application of behavior analytic principles and techniques to promote meaningful behavior change across diverse settings. Students will learn to design, implement, and evaluate evidence-based interventions for individuals with developmental, behavioral, and learning challenges.

ABA565 Interventions and Implementation

Credit hours: 3

Prerequisite: ABA560

This course provides an in-depth exploration of evidence-based intervention strategies used in Applied Behavior Analysis to promote meaningful behavior change. Students will learn to design, implement, and evaluate individualized behavior intervention plans based on functional assessments.

ABA570 Supervision and Management

Credit hours: 3

Prerequisite: None

This course provides an in-depth exploration of supervision and management principles within the field of Applied Behavior Analysis. Students will learn how to effectively supervise and train behavior analysts, technicians, and other professionals while ensuring adherence to ethical and evidence-based practices.

ABA575 Internship

Credit hours: 6

Prerequisite: ABA565

The student will engage in supervised work experience at a work setting pre-approved by the program faculty. This may be a school, centre, hospital, or anywhere else where the student can engage in and develop their applied behavior analytic skills. 1,500 hours of work experience are required to successfully complete the practicum, and each student will be supervised weekly for no less than 5% of their work hours for that week. Unless students receive the required supervision weekly their work experience hours will not be accrued for that week. Students are encouraged to pursue work experience in multiple settings, although consecutively rather than concurrently, and with multiple clients with a spectrum of service needs.

ABA580 Thesis in Applied Behavior Analysis

Credit hours: 6

Prerequisite: Completion of all degree requirement courses

This course is intended to create a research thesis project at the higher degree level. Students will work independently under the guidance of an appointed supervisor to identify a research plan that outlines the strategies towards independently, ethically and critically answering a research question. The thesis will be a single-case experimental design with one or more human subjects and develop a research paper. The thesis work should involve selecting a target problem behaviour for one individual, conducting a functional analysis, and designing an intervention to decrease the behaviour. The thesis must be pre-approved by a supervisor or one of the faculty before starting to ensure relevance, social significance, and adherence to professional and ethical requirements

Master of Arts in Digital Communication and Technology

PRE-CORE Courses
***For students who lack prior qualifications in media, communications, or related creative industries disciplines**

MDM490(PC) Principles of Digital Photography
Credit Hours: 3 credit Equivalent

Prerequisite: None

This course provides a comprehensive introduction to the principles of digital photography, combining technical skills with creative exploration. Students will learn the foundational concepts of exposure, composition, and lighting while becoming proficient with digital cameras and editing software such as Adobe Photoshop. The course covers essential topics such as the exposure triangle (aperture, shutter speed, ISO), white balance, framing techniques, and post-processing basics. Through hands-on projects, critiques, and class discussions, students will develop the ability to create visually compelling photographs that communicate ideas effectively. By the end of the course, students will have built a portfolio showcasing their technical mastery and creative growth in digital photography.

MDM500(PC)- Introduction to Digital Production Software
Credit Hours: 3 credit Equivalent

Prerequisite: None

This course introduces students to the foundational tools and techniques of essential digital production software for media production in the areas of graphic design (Adobe Illustrator), video editing (Adobe Premiere Pro), and motion graphics and animation (Adobe After Effects). Students will learn the basics of each software, including key functions, workflows, and creative applications, to build a strong foundation for more advanced projects. Through hands-on exercises and projects, participants will develop practical skills that prepare them for advanced exploration in digital design, video production, and animation. No prior experience with the software is required

CORE Courses

MDM 510 Podcast Production
Credit Hours: 3

Prerequisite: None

This course provides students with the foundational and advanced skills necessary for producing high-quality audio content in a variety of settings. Emphasizing technical proficiency, students will learn to record audio effectively in diverse environments, use professional editing software to refine their recordings, and apply advanced sound design techniques to create compelling and engaging podcasts. Through critical analysis and evaluation, students will also develop an understanding of what makes podcast content relevant, impactful, and suited to target audiences, preparing them for success in the dynamic field of audio production.

MDM 520 Advanced Videography
Credit Hours: 3

Prerequisite: None

This course offers an in-depth exploration of advanced videography techniques, equipping students with the skills to produce visually compelling and technically sophisticated videos. Through hands-on practice, students will master advanced camera operations, lighting strategies, and composition to enhance visual storytelling. The course emphasizes proficiency in professional video editing tools and workflows to create industry-standard outputs. Students will design and execute a comprehensive videography project, tailored to the needs and preferences of a target online audience. Additionally, the course fosters critical thinking by guiding students to analyze and evaluate online videos, focusing on technical execution, narrative effectiveness, and audience engagement.

MDM 530 Graphics for Online Communication
Credit Hours: 3

Prerequisite: None

This course equips students with the skills and knowledge to create professional digital graphics and animations for diverse online communication platforms. Through hands-on projects, students will learn to apply advanced techniques using industry-standard design software to craft visually compelling and audience-focused narratives. Emphasis will be placed on integrating branding elements to develop cohesive and impactful designs that align with communication strategies and enhance brand identity.

MDM 540 Brand Communication
Credit Hours: 3

Prerequisite: None

This course explores the principles and practices of brand building and brand communications in the context of digital media and emerging technologies. Students will gain a deep understanding of the theoretical foundations of branding pillars and learn how to apply them to develop effective communication strategies tailored to diverse audiences and platforms. The course emphasizes the design of innovative brand narratives and strategies that align with brand identity, brand positioning, brand perception, share market, audience insights, and current digital trends. Additionally, students will acquire analytical skills to evaluate the effectiveness of brand communication initiatives using both qualitative and quantitative metrics, enabling data-driven improvements and strategic decision-making. Through case studies, hands-on projects, and critical discussions, students will develop advanced competencies in crafting impactful brand communication strategies for a competitive digital landscape.

MDM 550 Digital User Behavior (Online)
Credit Hours: 3

Prerequisite: MDM540

This course focuses on the complexities of user behavior in digital environments, analyzing how users interact with various platforms and technologies. Students will explore behavioral patterns, social and economic trends, and the factors driving user decisions. By utilizing research tools and data analysis from posts, videos, or tweets. The course equips students with the skills to design and implement user-centered communication strategies that optimize engagement and enhance content effectiveness. The course will highlight the process of collecting and processing customers/users data and users privacy.

MDM 560 Digital Media Management
Credit Hours: 3

Prerequisite: MDM540

This course provides an in-depth exploration of advanced digital media management, equipping students with the skills to design data-driven strategies tailored to diverse audiences across multiple platforms. Students will gain proficiency in applying advanced online brand management techniques and leveraging analytics tools to monitor and enhance content performance. The course emphasizes the development of comprehensive digital and social media campaigns aligned with organizational objectives, fostering strategic thinking and creativity. Additionally, students will critically evaluate the impact of social media on digital communication practices, incorporating cultural, ethical, and theoretical perspectives to navigate the complexities of the digital landscape.

MDM 565 Digital Media Theories (**Online**)
Credit Hours: 3

Prerequisite: MDM550 & MDM560

This course explores the evolution of media theories, starting with foundational traditional media theories and progressing to contemporary frameworks that address digital media's transformative role in society. Students will critically analyze theories such as media effects, audience reception, participatory culture, algorithmic governance, platform capitalism, and the digital public sphere. Through a combination of theoretical study and practical application, the course equips students with the analytical tools to examine the intersection of technology, media, and communication in the digital age. Students will engage in debates, case studies, and research projects to apply these theories to real-world digital communication phenomena.

MDM 570 Emerging Trends in Digital Communication and Technology
Credit Hours: 3

Prerequisite: None

This course provides an in-depth exploration of emerging trends in digital communication and technology. Covering topics such as artificial intelligence, augmented and virtual reality, gamification, the metaverse, and sustainable practices, the course equips students with the knowledge and skills to analyze, design, and implement innovative communication strategies. Emphasis is placed on understanding the societal, ethical, and global implications of these technologies while fostering critical thinking and practical application. Through case studies, discussions, and culminating research proposal, students will engage with the transformative potential of these advancements in digital communication.

MDM 580 Research Based Thesis
Credit Hours: 3

Prerequisite: MDM565 & MDM570

This course is intended for students to create a research thesis project at the higher degree level. Students will work independently under the guidance of an appointed supervisor to identify a research plan that outlines the strategies towards independently, ethically and critically answering a research question within the field of digital communication and technology. Students will write and present a research proposal

to a research committee and continue to work closely with the supervisor through two semesters. At the end of the course, students having completed a written thesis will demonstrate their ability to identify and formulate issues critically, independently and critically, undertake advanced research tasks, and contribute to the formation of knowledge and scholarship in the fields of digital communication and technology

Master of Education in Educational Leadership (MEdEL)

PRE-CORE

EDUC510(PC) Educational Foundations & Classroom Management

Credit Hours: 3

Prerequisite: No pre-requisite

This course will explore the foundations of education that lead to various theories of ethical and effective classroom management for K-12 settings. The course also examines the process of planning, fostering appropriate social interactions and student engagement, prevention of student misbehavior, response to challenging situations and building positive classroom communities.

EDUC515(PC) School Curriculum

Credit Hours: 3

Prerequisite: No pre-requisite

This course explores various aspects of school curriculum including theoretical principles, and perspectives of curriculum design, implementation, and assessment for continuous improvement of student learning outcomes. Learners will engage in analysing curriculum framework, design, and creation of inclusive educational programs that will promote ethical and evidence-based learning experiences.

CORE Courses

EDUL520 Foundations for Inclusive Education

Credit Hours: 3

Prerequisite: No pre-requisite

This course provides an in-depth exploration of special education, encompassing philosophical, psychological, educational, social, and legal foundations. It is designed to equip students with advanced knowledge to implement instructional strategies and accommodations that can effectively meet the needs of students of determination.

EDUL525 Educational Psychology and Learning

Credit Hours: 3

Prerequisite: No pre-requisite

This course provides an overview of human develop, educational psychological theories, factors and implications on teaching, learning, and assessment. Scholars will integrate theories while developing and presenting a philosophy of teaching.

EDUL620 Leadership in Education Theory in Practice

Credit Hours: 3

Prerequisite: No pre-requisite

This course offers an in-depth exploration of the multifaceted role of leadership in education. Students will synthesize, evaluate, and redefine the theoretical frameworks and practical strategies essential for effective leadership in diverse educational settings. In this course students develop critical thinking and decision-making skills to navigate complex challenges and inspire positive change within educational

institutions and empower their leadership potential.

EDUL625 Leadership for Diversity, Equity, and Inclusion

Credit Hours: 3

Prerequisite: No pre-requisite

This course equips leaders and educators with skills to implement pedagogical strategies fostering diversity, equity, and inclusion. Participants explore historical context, theoretical frameworks, ethical considerations, and research-based practices. Students learn about professional responsibilities in working with families, communities, and professionals to enhance student success. Ethical, legislative, administrative, and organizational aspects are covered.

EDUL630 Curriculum Development & Program Assessment

Credit Hours: 3

Prerequisite: No pre-requisite

This course aims to equip students with the skills to design and develop future-ready curricula through a critical analysis of current curriculum philosophies, standards, policies and practices. Students will also utilize a range of curriculum assessment models to evaluate curricula and suggest innovative ways to enhance them, ensuring alignment with current educational standards and societal needs.

EDUL635 Analytics for Making Data Driven Decisions

Credit Hours: 3

Prerequisite: No pre-requisite

This course introduces how to utilize educational data to make valid data driven decisions. Scholars will explore the collection of data, evaluation, and analysis of data and how data can enhance decision-making.

EDUL640 Continuous Improvement for Organizational Excellence and Quality Assurance

Credit Hours: 3

Prerequisite: EDUL635

This course is designed to build on the advanced knowledge and specialized skills developed in EDUL 635 – Analytics for Data-driven Decisions. Scholars will extract and expand their analytics of data to encompass additional aspects of school improvement in addition to student outcomes. Students will collect and analyze additional forms of data and will create a strategic plan to address multiple aspects of school improvement.

EDUL645 Strategies for Effective Educational Resource Management

Credit Hours: 3

Prerequisite: No pre-requisite

This course delves into the intricate world of educational resource management, equipping students with overarching knowledge and skills necessary to effectively allocate, utilize and optimize resources within educational settings. The students will explore the complexities of resource management within educational institution with a focus on enhancing student learning experiences and outcomes while navigating budgetary constraints and organizational dynamics.

EDUL680 Research (Thesis)

Credit Hours: 6

Prerequisite: 18CR

This 6-CRH course is the culmination of study for the Master of Education degree. The research project is designed for students to engage in original independent research which will add to the body of knowledge in the field of education. Students will complete, publish, and defend their original research project. Students will take the theory portion of Thesis over a 16-week session but cannot submit the completed thesis for review and defense for a minimum of three (3) months after completing the theory course. Thesis projects must be completed within twelve (12) months following the completion of the thesis theory course.

Master of Education in Educational Technologies and AI

PRE-CORE

***For students who lack prior qualifications in Education related industries disciplines**

EDUC501(PC) Teaching Foundations Managing Classrooms, Designing Curricula, and Assessing Learning

Credit Hours: 3 credit Equivalent

Prerequisite: None

This course provides foundational knowledge and skills essential for effective teaching. It focuses on classroom management strategies, curriculum design principles, and assessment methods to promote learning. Students will explore theories of learning, strategies for fostering an inclusive classroom environment, and tools for evaluating educational outcomes. Through interactive activities and case studies, this course equips students with practical skills to create engaging and structured learning experiences.

EDUC502(PC) Educational Technology Essentials Theory and Practice

Credit Hours: 3 credit Equivalent

Prerequisite: None

This course introduces students to foundational concepts and tools in educational technology. It covers the theoretical underpinnings of technology integration in education, explores key digital tools for teaching and learning, and examines the impact of technology on student engagement and outcomes. Through practical assignments and collaborative projects, students will learn to leverage technology to create dynamic, effective, and accessible learning environments.

Core Courses

EDUT500 Artificial Intelligence in Education: Foundations and Futures (Online)

Credit Hours: 3

Prerequisite: No pre-requisite

This course examines foundational and emerging aspects of AI in education, focusing on adaptive learning systems, intelligent tutoring, and AI-driven curriculum design. Students will evaluate ethical implications, societal impacts, and the transformative potential of AI technologies in shaping future educational landscapes.

EDUT510 AI in Adaptive Instructional Design

Credit Hours: 3

Prerequisite: EDUT500

This course explores the integration of learning theories with AI-driven design principles to create adaptive instructional strategies. Students will engineer intelligent learning systems, investigate learner data for personalized learning, and appraise the ethical considerations of deploying such systems in diverse educational contexts.

EDUT520 Designing Technology-Enhanced Learning Environments

Credit Hours: 3

Prerequisite: No pre-requisite

This course focuses on designing and implementing technology-enhanced learning environments that leverage cutting-edge tools and platforms, including adaptive and generative technologies. Students will explore principles of instructional design, create engaging and inclusive e-learning experiences, and evaluate their effectiveness using learning analytics. Ethical and societal considerations in technology adoption are also addressed to ensure equitable and sustainable educational practices.

EDUT530 Learning Analytics and Data-Driven Decision Making

Credit Hours: 3

Prerequisite: EDUT520

This course explores the role of learning analytics and data-driven decision-making in improving educational outcomes. Students will learn to collect, analyze, and interpret data to inform teaching practices, identify learning gaps, and predict learner success. The course emphasizes ethical considerations, accessibility, and the use of advanced tools for data visualization and reporting. Students will engage in hands-on projects to apply data analytics to real-world educational challenges.

EDUT540 Emerging Educational Technologies and AI Trends (online)

Credit Hours: 3

Prerequisite: EDUT500

This course explores emerging educational technologies and AI trends, emphasizing their transformative potential in teaching, learning, and administration. It covers adaptive learning systems, AI in administrative processes, ethical considerations, and speculative future trends. Students will critically analyze the integration of AI in education and design innovative solutions for contemporary challenges.

EDUT550 AI-Enhanced Digital Literacies for Educators

Credit Hours: 3

Prerequisite: EDUT510, EDUT530

This course empowers educators to navigate and implement AI in promoting digital literacy. Students will explore AI for content creation, data visualization, and fostering critical thinking while addressing the societal and ethical dimensions of AI in digital education.

EDUT560 Ethics, Equity, and AI Governance in Education

Credit Hours: 3

Prerequisite: EDUT540, EDUT550

This course explores the ethical, equitable, and governance dimensions of integrating AI in education. Topics include responsible AI practices, equity in access and outcomes, governance frameworks, and ethical decision-making. Students will critically analyze the societal impact of AI technologies and design practical frameworks to promote ethical AI practices in educational settings.

This course will benefit from practical leadership case studies and policy-making frameworks for AI implementation in education.

EDUT570 AI for Accessibility and Inclusion

Credit Hours: 3

Prerequisite: No pre-requisite

This course focuses on leveraging AI technologies to promote accessibility and inclusion in education. Students will explore assistive AI tools, Universal Design for Learning (UDL) principles, and strategies to address diverse learner needs. Ethical considerations and future trends in accessible AI-driven solutions are also emphasized.

EDUT575 Human-Centered AI and Pedagogical Theories

Credit Hours: 3

Prerequisite: EDUT500

This course explores the intersection of human-centered artificial intelligence (HCAI) and pedagogical theories, focusing on designing AI-driven educational experiences that prioritize human cognition, ethics, accessibility, and inclusivity. Students will critically examine constructivist, behaviorist, and connectivism learning frameworks in the context of adaptive learning systems, personalized learning environments, and AI-augmented instruction. The course also integrates ethical considerations, cognitive load theory, and equity-driven AI adoption in education.

EDUT580 Thesis (Research)

Credit Hours: 6

Prerequisite: All Prior Courses

In this culminating course, students design and execute a capstone project addressing real-world educational challenges through AI integration. Guided by advisors, students implement action research, analyze results, and contribute to advancements in AI-powered educational practices.

Doctor of Philosophy (Ph.D.) in Education

EDUP601 Advanced Research Methods in Education I

Credit Hours: 3

Prerequisite: -

This course introduces doctoral students to the foundational concepts of educational research, focusing on theoretical aspects of qualitative, quantitative, and mixed-methods research methodologies. Students will explore the philosophical underpinnings of these methods, ethical considerations, and critical theoretical frameworks. The course emphasizes understanding research paradigms and methodologies without practical software application, providing a robust theoretical foundation for advanced study.

EDUP605 Curriculum and Instructional Design

Credit Hours: 3

Prerequisite: No prerequisite

This course explores the practical applications of educational philosophy in designing and implementing effective teaching, learning, and curriculum strategies. Through inquiry-based learning and real-world scenarios, students will critically analyze educational theories, articulate personal teaching philosophies, and design innovative curricula that align with diverse philosophical perspectives.

EDUP610 Advanced Research Methods in Education II

Credit Hours: 3

Prerequisite: EDUP601

This course builds on the foundational knowledge of research methodologies by focusing on advanced quantitative research methods and the practical application of mixed methods. Students will gain hands-on experience with statistical analysis using SPSS and qualitative data management through NVivo. The course emphasizes applying these tools to address complex educational research problems and prepare for advanced statistical techniques.

EDUP615 Educational Technologies and Artificial Intelligence in Education Syllabus

Credit Hours: 3

Prerequisite: No prerequisite

This course explores the transformative potential of educational technology and artificial intelligence (AI) in learning environments. Focusing on generative AI applications, students will analyze innovative teaching tools, critically evaluate their impact, and design strategies to integrate technology effectively, fostering enhanced learning outcomes and preparing educators for future challenges.

EDUP620 Advanced Data Analytics and Statistics in Education

Credit Hours: 3

Prerequisite: EDUP610

This course integrates foundational concepts of data analytics with advanced statistical techniques to empower students in conducting robust research and making informed decisions in education. The first half focuses on data analytics, covering data visualization, preprocessing, and predictive modeling. The latter half emphasizes statistical techniques, including hypothesis testing, ANOVA, and regression analysis. Students will engage in hands-on projects, critical reflections, and practical applications to develop analytical and statistical expertise for educational contexts.

EDUP625 Diversity, Equity and Social Justice in Education

Credit Hours: 3

Prerequisite: No prerequisite

This course critically explores diversity, equity, and social justice theories and practices explicitly. Emphasizing theoretical frameworks, practical strategies, and leadership practices, it equips students to create inclusive learning environments, address systemic inequities and solutions, and lead transformative change in educational settings. Students will engage in reflective practices, collaborative discussions, and applied research.

EDUP630 Cognitive Science and Learning The Neuroscience of Education

Credit Hours: 3

Prerequisite: No prerequisite

This course explores the intersection of cognitive science, neuroscience, and education, providing a foundational understanding of how the brain processes information, learns, and remembers. Students will critically evaluate theories and research in neuroeducation and apply this knowledge to optimize teaching strategies and learning outcomes. Topics include brain plasticity, memory systems, cognitive load theory, and the implications of neuroscience in educational innovation and policy.

EDUP635 Education Policy and Leadership

Credit Hours: 3

Prerequisite: No prerequisite

This course examines key theories, policies, and practices in educational leadership and policy-making. It aims to develop students' capacity to critically analyze, design, and implement effective education policies within diverse organizational contexts. Students will explore topics such as governance structures, leadership theories, equity and inclusivity, and evidence-based policy-making, focusing on contemporary challenges in global and local education systems

EDUP710 Professional Development and Teacher Education

Credit Hours: 3

Prerequisite: No prerequisite

This course explores the principles and practices of professional development and teacher education. Students will explore frameworks for effective professional learning, strategies for fostering teacher growth, and the role of mentorship and leadership in educational settings. Key topics include designing impactful professional development programs, integrating research-based practices into teacher education, and evaluating the effectiveness of professional learning initiatives.

EDUP715 Cross-Cultural Perspectives and Practices in Global Education Systems

Credit Hours: 3

Prerequisite: No prerequisite

This course explores education in a globalized world with a focus on the UAE's innovative practices and alignment with its national vision. It examines globalization's impact on educational systems, contemporary challenges, and policy transformations, emphasizing sustainability, inclusivity, and cultural preservation within a rapidly evolving global context.

EDUP720 Institutional Effectiveness and Quality Assurance

Credit Hours: 3

Prerequisite: No prerequisite

This course examines the principles and practices of institutional effectiveness and quality assurance in higher education. Emphasizing accreditation processes, evidence-based decision-making, and performance assessment, students will analyze frameworks, evaluate quality assurance models, and develop strategies to enhance institutional accountability and continuous improvement.

EDUP725 Innovative Approaches in Education for Sustainable Change

Credit Hours: 3

Prerequisite: No prerequisite

This course explores innovative strategies for addressing socio-scientific issues and sustainability in education. Through research and practice, it empowers students to design transformative teaching approaches, promote equitable solutions, and drive meaningful change in educational systems. Topics include professional development, student engagement, and decision-making in global and local contexts.

EDUP801 Thesis

Credit Hours: 30

Prerequisite: Challenge Exam + Completion of all the 30 credit hours of the course requirements

This course guides doctoral students through the process of developing and completing their dissertation. Focusing on research design, data analysis, and academic writing, students will refine their proposals, conduct independent, original research, and produce a thesis aligned with scholarly standards and ethical research practices, and which contributes to the body of knowledge of the chosen research topic.

COLLEGE OF BUSINESS

Master of Business Administration

Core Courses

ACC 522 - Managerial Accounting

Credit Hour: 3
Prerequisite: ACC 482-PC

Managerial accounting provides information to managers and other internal stakeholders in the areas of costing, decision making, planning, and control. This course provides an in-depth coverage of such accounting topics as basic cost concepts, cost classification, design and the principles of cost accounting systems, alternative costing methods, budgeting, cost allocation systems, planning and control, and costing for decision making (i.e., strategic cost analysis). Practical applications of these topics are integrated and emphasized by teaching students how to use accounting information in managerial planning, decision making, and control. In addition to that, students will learn how to use cost analysis in developing organizational budgets. All the above mentioned topics are discussed from the perspective of a senior manager**.**

FIN 512 - Financial Management

Credit Hour: 3
Prerequisite: ECO 482-PC + ACC 482-PC

This course teaches optimal management of firm's assets and financing requirements, analysis of financial statements, financial markets, risk, valuation, and long term and short term financing and investment. Upon completion of this course, the student will be able to apply these important tools of Financial Management in a wide range of areas. This course emphasizes the nature of the decision process and the role that economic analysis plays in various areas of business by providing illustrations of practical applications of Financial Management. The course relies on the Internet and MS Excel in the educational process.

MGT 521 - International Business

Credit Hour: 3
Prerequisite: MGT 482-PC

This course is about the nature of international business and how companies respond to forces in the international business environment. It includes analysis of the extent of the international business, the theories underlying it, and the forces affecting it. It also includes analysis of appropriate company responses to the international business phenomenon. Ultimately, this course prepares students to manage a business in the international context.

MGT 522 - Leadership and Communication

Credit Hour: 3
Prerequisite: No Prerequisite

Leadership is an essential ingredient in any attempt to manage and achieve organizational goals. The process of leadership depends on the interaction in a group or organization. Communication is one of the processes that are central to effective leadership and followership. Therefore, the course will provide students fundamental management concepts and explore the connection between communication and leadership. Particularly, the course will examine how the field of communication contributes to effective leadership. It also examines the skills of effective leaders, the importance of context for leaders, and case studies of successful leaders in business. This course will give you the chance to learn the styles of leadership including what works and what doesn't. The course also covers all the relevant and recent research on leadership. Topics may include leader as individual, team leadership, leading change, and creating vision and strategic direction. Particular emphasis is placed on the role of ethics in leadership.

MGT 523 - Strategic Management in a Global Environment

Credit Hour: 3
Prerequisite: Last Semester

In today's increasingly global competitive environment, managers face no greater challenge than that of strategic planning and strategic management. Guiding a complex organization through a dynamic, rapidly changing, and increasingly globalized environment requires the best of judgment. Strategic management and planning issues are invariably ambiguous and unstructured, and the way in which management responds to them determines whether an organization will succeed or fail. This class prepares you to face the aforementioned challenges by focusing on strategy formulation, implementation, evaluation, and control in a global competitive environment. This class teaches strategy formulation at the functional, business, corporate, and global levels with a particular reference to business ethics, social responsibility, and good corporate governance. A special emphasis is placed on the area where strategies typically fail

– implementation. Students will be taught various change management techniques together with the necessary leadership skills needed for implementing strategies. The course concludes with an overview of various traditional and new metrics and methods for evaluating effectiveness of a particular strategy. Ultimately, this course prepares managers to use various concepts, frameworks, theories, and methods of strategic management to attain a sustainable competitive advantage for their organizations.

MGT 524 - Research Methods in Business

Credit Hour: 3
Prerequisite: BUS 482-PC + MSL 500
Co-requisite: MGT482-PC

This course is designed for the business researcher or professional in order to make choices about how to handle the most important business variables and how to study them. HRM and business research designs usually take the form of statistical research, survey research, case studies, experimental research or meta–analysis. The course examines specific issues relating to business research projects in terms of formulating research questions, collection of data, analysis and recommendations. The course examines both quantitative and qualitative research and considers a multi-method approach as a more balanced way to achieve a pragmatic research methodology that can ultimately be useful for the business practitioner. The students will be also introduced to emerging topics such big data and analytics. This course places special emphasis on developing an understanding of ethical principles in research, namely the issues related to plagiarism, rights of human subjects in relation to privacy and no harm inflicted, data protection and the importance of sound research for decision making.

MKT 511 - Marketing Management

Credit Hour: 3
Prerequisites: No Prerequisite

Marketing is one of the most dynamic fields within the business arena. The marketplace continually throws out fresh challenges and marketing students should be prepared to face these challenges and react accurately. Considering the importance of a marketing course for the students in the MBA Program, this course is designed in a way so that the students will know what to do and when. In this course, they will work on marketing planning, programming, analyzing, and reporting. The course focuses on concepts, methods, strategies and applications of decision modeling to address various marketing issues such as market segmentation and positioning, product and pricing policies and strategies, channels strategies and implementation, and communication response and budgeting. The course will prepare MBA students to take any kind of challenges in marketing.

SCM 540 - Operations & Supply Chain Management

Credit Hour: 3
Prerequisite: BUS 482-PC

This course covers such broad areas of management as operations and supply chain management, decision analysis, and project management. It caters to the core topics in supply chains such as capacity management, inventory management, material requirement planning (MRP) in an organization. The course also aims to provide understanding of the real-world supply chains using a simulation model. At the end of this course, students should be familiar with the individual components of operations and supply chain and their interrelationships. Students will also develop the quantitative and analytical skills to analyze, model and solve supply chain problems.

Elective Courses

FIN 605 - Investment Theory & Analysis

Credit Hour: 3
Prerequisite: FIN 512

This course gives students broad knowledge and understanding of investment theory and analysis by taking a global perspective and considering a variety of asset classes and securities. In competitive markets investors must allocate scarce funds among various financial markets, asset classes, and individual securities based on perceived value and inherent risk. This course will provide students with the necessary analytical tools to make informed decisions about such risk/return trade-offs. This course aims to describe the role of asset allocation, risk management, industry analysis, style analysis and trading in portfolio management. Various investment processes are examined and strengths and weaknesses in the various approaches considered. Students should also learn the importance to successful portfolio management of a disciplined investment process, and should, by the end of the course, be able to design or develop a rigorous process for an investment management firm.

FIN 609 - Financial Institutions and Markets

Credit Hour: 3
Prerequisite: FIN 512

This course is an introduction to banks, insurance companies, and other financial service institutions. It takes the view that financial institutions are information producing intermediaries that use the information they produce to aid in the optimal allocation and use of funds. This broad view of financial services necessitates understanding the causes and implications of the evolutionary nature of this industry

on individual and institutional investors and the global economy as a whole. Students are initially introduced to global financial markets and traded instruments, such as bonds, equities, derivatives, foreign exchange, and alternative investments. The course then discusses the role of depository and non-depository institutions and institutional investors (such as pension funds, endowments, insurance companies), and financial intermediaries (such as investment banks) in the development of financial markets. Possible future developments in global markets are also discussed.

FIN 613 - International Finance

Credit Hour: 3
Prerequisite: FIN 512

This course covers issues related to both international financial markets and the financial operations of a firm within the international environment. The first part of the course examines issues related to the international markets. This includes international commercial policy, international investment, foreign exchange markets, the Euromarkets, and currency derivative markets. The second part of the course focuses on financial issues associated with operations of a firm in the international environment. Specifically, this part of the course will focus on the identification, measurement, and management of the impact of exchange rates on the firm; issues related to the taxation of international income; the implications of political risk on project evaluation and financial structure, firms' cost of capital for international projects; financing decisions in a global market; and methods for evaluating the performance of foreign operations. While the course discusses theoretical basis on the various issues, it relies on both empirical evidence and discussion of firms' real world activities.

HRM 517 - Human Resource Management in a Global Environment

Credit Hour: 3
Prerequisite: No Prerequisite

In today's increasingly global business environment, Human Resource Management (HRM) plays an increasingly important role in supporting organizational strategies, goals, and tactics. The main goal of this course is to provide students with a thorough understanding of the main concepts, theories, and practices of Human Resource Management (HRM). Since the United Arab Emirates (UAE) workforce is very diverse and is comprised primarily of expatriates from across the globe, these fundamentals of HRM are taught in both the local and global context. This course makes a particular emphasis on fundamental local and global practices in relation to job analysis, job design, selection, recruitment, training and development, reward management, performance appraisal, and compensation. Particular practical emphasis is placed on recruitment a selection. Students will be asked to develop a recruitment and selection system for a UAE organization. Additional topics covered include overview of labor law and labor relations, employee data management and related HRM information systems, and common HRM metrics. The course ends with a discussion of future global challenges of HRM. This course equips students with the necessary international perspective that will allow them to develop a deep understanding of why HRM practices differ across the globe and use theories and practices appropriate for a given context.

HRM 526 - Employee Performance Management

Credit Hour: 3
Prerequisite: HRM 517

The course examines in-depth the role of performance management system in managing employees' productivity for overall organizational successes. More specifically, the course has been designed to familiarize the students with the concepts on performance management system and the usage of performance management systems as a powerful tool for line manager as well as the Human Resource Management professionals in leveraging employees' performance. The course starts with an in-depth introduction to performance management systems, allowing students to develop a holistic understanding of performance management systems and evaluate their strengths and weaknesses. After that, the course centers on the nature and drivers of performance. The course explains how performance management process supports strategic goals of an organization. Particular emphasis is placed on selecting the right performance measurement metrics and data gathering process in relation to these metrics. Implementing and managing performance management system is another broad topic covered in this course. The course concludes with equipping students with the necessary knowledge and skills in implementing performance remedies at the individual, group and organizational levels. Ultimately, this course aims to prepare students to design effective performance management systems for their organizations.

HRM 529 - Managing Training and Development

Credit Hour: 3
Prerequisites: No Prerequisite

In order for employees to be effective in their jobs and to contribute to organizational goals, they need to acquire and develop appropriate knowledge and skills necessary for their positions. Human Resource Development (HRD), an integral part of human resource management, helps employees acquire the necessary knowledge and skills. This course provides students with a hands-on understanding of theories and practices used in human resource management to provide employees with appropriate training and development that ensures realization of employees'full potential in the workplace. On a more strategic level, this course examines how training and development can be correlated with long term organization change and development. HRD activities are placed within a context of knowledge management and the need to create, develop and sustain a "learning organization". This course starts with an introduction to the main concepts, theories, and practices of training and development. After that, the process of learning is examined in depth in order to develop a through theoretical understanding of learning among students. Then the course focuses on various concepts, theories and techniques related to training need assessment, planning for training, conducting training (with a particular emphasis on the knowledge and skill transfer process), and training evaluation. At the end of the course, the course will cover issued related to career planning, such as employee and management development and succession planning. Ultimately, this course prepares students to effectively manage training and development in their organizations.

HRM 531 - Corporate Performance Management

Credit Hour: 3
Prerequisite: HRM 526

This course examines human resource management from a strategic perspective and focuses on how the Balanced Scorecard approach can be implemented as a strategic tool for improving sustainable performance of companies of different size across various industries in the UAE and the region. The first part of this course teaches students how to use the tool to align the organization to its stated intent and translate the tool into operational objectives. The second part of this course teaches students how to unite employees through a strategic performance enhancement program implemented with the help of Balanced Scorecards. A particular emphasis is placed on management approaches and techniques for implementing Balanced Scorecards for sustainable performance in organizations in the UAE and the region. These management techniques include creating organizational awareness, setting individual and team goals, and linking those goals to rewards. The course also teaches how to evaluate effectiveness of Balanced Scorecards implementation and make the necessary adjustments based on the feedback received.

HRM 535- Employment Law and Relations

Credit Hour: 3
Prerequisite: No prerequisite
Co-requisite: HRM 517

This course is an overview of the law and social legislature impacting the workplace: the employer-employee contract; anti-discrimination law; employee testing and privacy; regulatory agencies; compensation and other statutory rights. Ethics and social responsibility are used as lenses through which these laws and practices are reviewed. Moreover, this course looks at the labor law from the international perspective so that students are well-equipped to function as business professionals in today's increasingly global business environment. In order to accomplish this goal, this course reviews labor law and social legislature in the United Arab Emirates, the United States of America, European Union together with an overview of international law and practices. While the focus of this course is rather international, the ultimate goal of this course is to provide students with an overview of the legal environment of the UAE; legal, social, economic and political forces impacting the law; and strategies for effective response to forces in the legal, economic socio-cultural environment. Ultimately, this course teaches students to manage labor relations within a legal and ethical framework.

HRM 532 - Compensation and Benefits

Credit Hour: 3

Prerequisite: HRM517

This course teaches students how to design an effective compensation and benefits system in their organizations in the UAE and the region. Topics covered within the compensation area include importance of monetary compensation, determining the relative worth of jobs, performance based pay schemes and indirect compensation. In order to emphasize practical application of these concepts, theories, and practices, students will be asked to create fictional companies in which they will have to make decision on issues related to compensation in benefits. The topics of compensation and benefits are examined in the context of contemporary developments related to Human Resource Management in the UAE and globally. These developments include increased migration of labor and increased reliance on expatriates,

emiratization, the changing nature of work in a global world, the impact of technological innovation and virtual organizations, the impact of outsourcing on work demographics, and issues related to finance such as recession and downsizing.

MGT 514 - Organizational Behavior

Credit Hour: 3
Prerequisite: MGT 482-PC

This course provides a framework for understanding the values, attitudes and behaviors of individuals and groups in an organizational setting. This course explains how individuals and groups function to achieve goals and the reasons for successes or failure in achieving these goals. Specific topics covered in this course include: theoretical foundations of organizational behavior; personality and individual differences; the impact of values, attitudes, and job satisfaction on organizational behavior; motivational theories; group dynamics and decision making; communication and leadership; power, politics, and influence within an organizational context; organizational design and its role in achieving organizational goals. The course emphasizes practical applications of concepts, theories and frameworks in the workplace. By doing so, this course prepares students to manage behavior of individuals and groups within an organization in order to achieve the organizational goals.

MGT 520 - Business Ethics and Corporate Governance

Credit Hour: 3
Prerequisite: No Prerequisite

This course examines current issues in business ethics from the perspective of fundamental concepts and theories of ethics and social responsibility. The issues covered include whistle blowing, bribery, cartels, environmental protection, internet security, intellectual property, corporate governance, product liability, consumer safety, truth and advertising, employee rights and duties and quality of work life. The course is discussion-oriented. Students are encouraged to explore the human resource management implications of the issues raised. Ultimately, students will learn how to address organizational issues related to ethics and social responsibility.

MIS 546 - Electronic Business

Credit Hour: 3
Prerequisite: No Prerequisite

Electronic Business (E-Business) is changing the ways in which organizations operate and compete in the global market. This course provides an overview of E-Business from a managerial perspective. It will introduce the fundamental concepts and frameworks for exploring E-Business opportunities. The course will also discuss a wide range of contemporary issues related to E-business strategies and implementation. The course materials will be delivered through a combination of lectures, case analyses and discussions in class..

MIS 556 - Innovation Technology and Management

Credit Hour: 3
Prerequisite: No Prerequisite

In today's challenging environment, every organization has to address the following important questions:

- How should we respond to various technological, market, product and organizational changes in the external environment?
- How can we progress from an industrial, product-centric economy to a networked, digital economy that is service-centric?
- How can we innovate?

Within the context of these important questions, this course addresses issues which are central to managing innovation and technology. It aims to enhance an understanding of the management of technological, organizational and market changes. Particular attention is given to information technology (IT) and the Internet as a means for creative strategy formulation and innovative business development.

The course aims to equip the student with the requisite knowledge, skills and attitudes to manage technology and innovation at the strategic and organizational levels. Specifically, it aims to integrate the management of technological, organizational and market changes to support the development of new products and services, the implementation of new processes, and the creation of new businesses.

MEM 501 - Project Management

Credit Hour: 3
Prerequisite: No Prerequisite

This course covers the elements of project management critical to the success of engineering projects: project management framework, strategic management and project selection, project organization, human aspects of project management, conflicts, and negotiations, scope management, time management, cost management, risk management, contracts and procurement, project termination, the project management office, and modern developments in project management. The course will be delivered face-to-face through lectures, case studies, and discussions. In addition, students will apply all learned concepts in a term group project (up to 3 students per group) related to managing the entire project management life cycle, supported by E-tools for project management, such as MS Project or any other tool.

MPM 521 - Project Planning, Integration, and Scope Management

Credit Hour: 3
Prerequisite: No Prerequisite

This course provides an in-depth look at techniques for planning, integrating, and controlling multiple projects within an organization. Delivered through weekly face-to-face sessions, this course examines project integration management, which coordinates all aspects of a project to ensure smooth execution. Students will gain hands-on experience developing key project deliverables including the project charter, project plan, and project scope statement. Topics covered include project management fundamentals and the project life cycle; conducting needs analysis and assessment; drafting the project charter to formally authorize a project; utilizing a Project Management Office (PMO) for oversight; leadership and organizational skills for project managers; defining and managing project scope; managing interfaces between project components and teams; staffing projects and HR considerations; implementing change management processes; scheduling projects activities and milestones; tracking progress and performance; and closing projects and conducting post-project reviews. Upon completion, students will be equipped with knowledge and skills to effectively manage multiple projects within an organization, including internal initiatives and outsourced efforts. Integration techniques will be applied to coordinate workflow, resources, and communications to ensure successful delivery.

Assessments include group of 2 students' assignments, a major group of 3 to 5 students' project and presentation, an individual major assignment, and participation marks. These assessments address course learning outcomes related to project management, needs analysis, project charter development, integration, leadership, scope, staffing, scheduling, tracking, and project closure. The projects and presentations will provide hands-on experience applying concepts. Standard office software and tools will be used to deliver assessments.

MPM 541 - Project Contract Management and Legal Aspects

Credit Hour: 3
Prerequisite: No Prerequisite

This course presents the legal venues for dispute resolution that arise in various projects' contracts as well as the legal aspects of contract documents. Federal legal systems are discussed, with emphasis on the UAE, and the type of cases addressed at the federal and the local (Emirate) level. The role of regulatory agencies is presented with extensive exposition of the UAE regulatory agencies together with examples of UAE regulations. The venues of arbitration and mediation for dispute resolution are presented, with the method of their conduct, the role of the mediator and arbitrator, as well as the arbitration centers and their rules in the UAE. Using real case construction and other type of projects' contracts the agency relationship and responsibilities of the parties involved are presented, and the concept of force majeure, and how it is applied in the UAE and in other countries. Extensive presentation of change orders, how they are asked by an owner and a contractor, the timetable of response, forms to be submitted, the ways to resolve change order disputes, as well as the limit of cardinal change. Fixed and cost-reimbursement contracts, their advantages and disadvantages, contract breach, the role of addendum in contracts, and non-disclosure agreements are also discussed. The legal risks in international projects are presented. This course presents a comprehensive view of the UAE legal system, the most common legal concepts and articles that appear in project contracts, and the methods for dispute resolution, complemented by a number of real-case projects' contracts.

MGT 518 - Sustainability Strategies

Credit Hour: 3

Prerequisite: MGT 482-PC + ACC482-PC

Sustainability has become a critical topic in the corporate strategy realm, in the long term, all organizations must live in harmony with their environments.

Developing a sustainable strategy requires robust decision making to balance economic, environmental and social consideration. The objective of the course is to deepen the understanding of the Sustainability Strategies that help clarify the opportunities and challenges in this regard. The course presents a clear analysis of the challenge of using environmentalism as a source of competitive advantage when, where and how to integrate a green focus to business. Specific topics covered in the course aim to help students understand how sustainability can be better perceived, understood and implemented.

This course takes a pragmatic business perspective to assist students to thoroughly understand how to integrate sustainability into their organizations and create responsible business practices across cultures and borders.

MGT 519 - Building Strategic & Dynamic Capabilities

Credit Hour: 3

Prerequisite : MGT 482-PC

The aim of this course is to use theory and case studies in order to analyses Strategic Capabilities in the various Business Environments and

to explain how strategic capabilities can ensure sustainable competitive advantage. It examines the way firms and markets are organized in different manner under different business environment with the aim to achieve distinctive capabilities and therefore to formulate distinctive strategies. It explains the way capabilities are modeled, their contribution to an appropriate Strategy, their dimensions and the way they are developing, the way they are audited and presents their dynamic character and their sustainability. Finally it enters into the steps for analyzing Resources and Capabilities of an Organization. It explains the reasons of possible differences and the way they are likely to change. It will enable students to understand the way capabilities lead to various competitive strategies.

Pre-Core Courses

MGT 482-PC - Introduction to Management

Credit Hour: 2

Prerequisite: No Prerequisite

This course examines, in depth, the role that managers plays in ensuring organizational performance. The management functions of organizing and leading are explored in depth. The course presents individual motivation and communication style, group dynamics as related to problem solving and decision-making, leadership style, work structuring, and the larger business environment. It also covers organizational culture and change, interdependence of individual, group and organization task and structure. The course demonstrates the real-world applications of management concepts and makes management come alive by bringing real managers from a variety of fields into the classroom.

BUS 482 - PC - Quantitative Methods in Business

Credit Hour: 2
Prerequisites: No Prerequisite

This course introduces students to the fundamentals of statistical analysis, placing emphasis on the application of data analytics for a wide range of business problems. The course begins with an overview of basic quantitative techniques to compile and present summary measures of business data, and moves on to inferential tools to aid managerial decision making. At the end of the course, students should be able to apply a variety of statistical methods to analyze historical data, model future trends, and devise managerial implications.

ACC 482 - PC - Financial Accounting

Credit Hour: 2
Prerequisites: No Prerequisite

Financial accounting and reporting is the primary channel through which organizations provide important financial information to their external stakeholders (e.g., shareholders, creditors, governmental agencies, and customers, etc.) for both informational and decision-making purposes. Consistent with this purpose, this course teaches students the fundamentals of accounting methods and systems, such as transaction analysis, the accrual system of accounting, the process of income measurement, and the construction and analysis of financial statements. The primary focus of the course is on the users of accounting information. This course assumes no prior knowledge in accounting.

ECO 482 - PC - Introduction to Economics

Credit Hour: 2
Prerequisite: No Prerequisite

The main goal of this course is to provide students with knowledge of the theories and methodologies of economics and their applications in business. The first part of the course will involve discussing the problem of economic scarcity, supply, demand, market prices and the use of prices as a guide for consumption and production. Additional topics covered include production possibility frontier, marginal analysis, and opportunity cost. The second part of the course, the focus is on the theory of the firm. As a part of this broad topic, the course examines in detail competition, oligopoly, and monopoly markets. In each of these market models, equilibrium price, output, profits and consumption levels are reviewed. Throughout the course, particular emphasis is placed on the use of economic analysis to explain and critique contemporary business issues. Extensive examples are used to illustrate the application of managerial economics theories to practical business situations.

Master of Strategic Leadership

Core Courses

MSL 500 - Strategic Dimensions of Business Functions

Credit Hour: 3
Prerequisite: No Prerequisite

This course is designed to provide students with a foundation on the strategic dimensions of the key business functions. The course is offered with an assumption that the target students are experienced senior level managers, and are familiar with the roles and responsibilities of various functional units of business operations such as Finance and Accounting, Marketing, and Human Resource Management, and therefore this course does not teach students the operational details of these functional units. Instead, the course aims to provide a clear picture on the nature and complexity of various functional aspects, and their impact on organizational decision making at a strategic level. In addition, the course also intends to demonstrate the importance of research skills and the use of data for managerial decision making. This course provides an important foundation to the whole programme by helping students identify a suitable topic for further research.

MSL 522 - Leadership and Communication

Credit Hour: 3
Prerequisite: MSL 500

Sophisticated communication skills are critical to effective strategic leadership. Successful leaders understand the needs of their followers and are able to lock into powerful channels of communication to engage their followers and secure maximum contribution to their plans. This course is designed to help senior managers understand their potential to convey powerful messages and to critically analyze the impact of the media and pressure groups on stakeholders and organizational strategy, and to develop innovative ways of using the media to best effect.

The course will lean heavily on Fourth Quadrant Thinking, namely, that the most successful organizations are not those that focus on performance, but those that invest considerable effort on developing a meaningful or purposeful culture. The values of the organization and its leaders, the ethical framework under which it operates are the keys to success. This course will help you identify how best to use your self-awareness and communication skills to lead others in socially responsible ways. It includes topics such as convincing others of the need for major change, activating corporate values, driving employee engagement, dealing with major public relations issues and the importance of aligning your values with the corporate values to ensure ethical leadership.

MSL 524 - Research Methods in Business

Credit Hour: 3

Prerequisite: MSL 500

This course is designed for the business researcher or professional in order to make choices about how to handle the most important business variables and how to study them. Business research design usually takes the form of statistical research, survey research, case studies, experimental research or meta–analysis. The course examines specific issues relating to business research projects in terms of formulating research questions, collection of data, analysis and recommendations. The course examines both quantitative and qualitative research and considers a multi-method approach as a more balanced way to achieve a pragmatic research methodology that can ultimately be useful for the business practitioner. The students will be also introduced to emerging topics such big data and analytics. This course places special emphasis on developing an understanding of ethical principles in research, namely the issues related to plagiarism, rights of human subjects in relation to privacy and no harm inflicted, data protection and the importance of sound research for decision making.

MSL 525 - Leading Organizational Change

Credit Hour: 3
Prerequisite: MSL 514

This course provides students with an understanding of the theories and practice associated with leadership and organizational change. The first part of this course focuses on change and change management. Topics covered include the nature of change, drivers of change, dimensions of change, organizational context within which change is implemented, change management process, as well as the role of various organizational and environmental factors in change management. The main goal of this first part of the course is to equip students with a deep understanding of what change is and the dynamics of change. The second part of this course focuses on leadership in the context of change management. This part examines various strategic approaches to managing change as well as specific leadership responses to change. Students will learn such essential leadership competencies as influence, conceptual thinking and systems thinking. All of these competencies are considered to be essential for initiating, managing, and implementing change within organizations. This part of the course also gives students an opportunity to assess their leadership potential in terms of identifying their leadership

strengths and opportunities for development around the following five competencies: focused drive, emotional intelligence, building trust and enabling others, conceptual thinking, and systems thinking. This leadership self-assessment allows the students to continue their personal development in relation to leadership and change management skills after finishing this course. Ultimately, this course prepares students to lead and manage change in their organizations.

MSL 501 - Developing a Leader Within You

Credit Hour: 3
Prerequisite: MSL 522

This course is designed for business leaders with direct experience of managing teams who wish to develop their leadership skills to inspire others to 'exceptional performance'. The course aims to improve on the existing knowledge, skills and attitudes (KSA) necessary to lead and motivate people, while developing effective strategies in a socially responsible manner. It aims to help you become an 'authentic', well-rounded ethical leader. The course uses the latest thinking in the use of psychometric tools for leadership development. Working with skilled coaches, students will be given the opportunity to analyze their own personality dimensions, to identify the most critical components of their personality and to apply this to gain a deeper understanding of their leadership effectiveness. Only through a deep awareness of their leadership qualities will the students be able to develop an effective plan for personal development which they will implement throughout the program. This course will help you understand some of the secrets to developing, motivating, inspiring and sustaining high-performing teams to drive sustainable organizational success.

MSL 514 - Organizational Behavior

Credit Hour: 3
Prerequisite: MSL 500

This course provides a framework for understanding the values, attitudes and behaviors of individuals and groups in an organizational setting. This course explains how individuals and groups function to achieve goals and the reasons for success or failure in achieving these goals. Specific topics covered in this course include: theoretical foundations of organizational behavior; personality and individual differences; the impact of values, attitudes, and job satisfaction on organizational behavior; motivational theories; group dynamics and decision making; communication and leadership; power, politics, and influence within an organizational context; organizational design and its role in achieving organizational goals. The course emphasizes practical applications of concepts, theories and frameworks in the workplace. By doing so, this course prepares students to manage behavior of individuals and groups within an organization in order to achieve the organizational goals.

MSL 503 - Contemporary Issues in Leadership

Credit Hour: 3
Prerequisite: MSL 522

Leadership is a glue that holds the organization together. It makes employees give his/her best to achieve sustainable organizational goals. The course has been designed to help the students to earn for themselves the knowledge, skills, competencies and behaviors of successful leaders in the contemporary business world. The course will expose the students to the business challenges of a truly flat world and also provide them with a skill set to find out sustainable business solutions. Overall, the course will help students to develop sustainable leadership skills and competencies through real-life scenarios.

MSL 502 - Leading and Building High Performing Teams

Credit Hour: 3
Prerequisite: MSL 514

This course delivers knowledge and insights into Leading and Building High Performance Teams. Such a process is considered as one of the most important and complex challenges facing any strategic leader. The course is experiential and theoretical in terms of representing an opportunity to be part of a real time team building experience and reflecting on the academic foundation of such experience. The course will consider a range of theories and conceptual models about the nature of teamwork. It provides an understanding that strategic leaders need to direct and coordinate team problem solving, provide performance expectations, clarify roles, assist in conflict resolution, provide feedback, facilitate self-correction, increase task involvement and share information and goal setting. Strategic leadership involves an ability of the senior management team to supply critical thinking, identify changes and reprioritize organisational resources in the light of ongoing change. Such leadership capabilities at this senior level in the organization need to be grounded in sustainability such that the team process assumes resilience and robustness over time. Students will be able to encompass and assume core behaviors that enable the strategic leadership of effective teams to have an in depth understanding of overt and covert interpersonal team process skills and an understanding of the impact such skills have upon team performance. The need to understand and negotiate interdependent relationships between team colleagues, departments and

senior managers will be clarified. Models for multicultural team effectiveness will be developed that foster the synergistic resolution of organizational issues and problems enhancing the delivery of valid strategic decisions. The course content relates issues of sustainability and teamwork with the economic, social and environmental systems ensuring that senior managers have a collective team view regarding issues of efficiency, social equity and environmental accountability. The course allows for the coaching of students both as team leaders and team players. Course members will pursue and experience this goal of synergistic team performance in simulated and action learning projects.

MSL 599 - Thesis in Leadership

Credit Hour: 6
Prerequisite: Last Semester

The goal of this course is to apply the student's research skills and familiarity with the challenges faced by leaders so that the student can propose a project based approach to address one of those challenges. The type and nature of the project are to be arranged between the student and the faculty. These two parties must agree on a topic and as a minimum requirement, the student must define the project problem and its magnitude, conduct a literature review that covers the classic and emerging methods and techniques in addressing the problem, and propose a systematic approach to address the problem. Students are to work on their project at a steady pace over one semesters to complete all requirements and submit it for evaluation. While developing the appropriate sections of the project, students are expected to utilize the knowledge and skills they acquired while taking all their courses in the MSL program, especially the Research Methods and the Contemporary Issues in Leadership courses.

Master of Science in Financial Technology

FNT501- Digital Banking and Financial Services

Credit Hour: 3
Prerequisite: No Prerequisite

This course provides a comprehensive overview of the rapidly evolving landscape of digital banking and financial services. Students will explore the transformation of traditional banking models in response to technological advancements, consumer behavior shifts, and regulatory changes. The curriculum covers key topics including online banking, mobile payment systems, fintech innovations, digital currencies, and the impact of artificial intelligence and big data on financial services. Through case studies and real-world examples, students will analyze various digital banking platforms and their features, examine the role of cybersecurity in protecting financial transactions, and assess the implications of digital access on financial inclusion. The course will also discuss emerging trends such as open banking, robo-advisors, and blockchain technology, equipping students with a holistic understanding of the digital financial ecosystem. In addition to theoretical frameworks, the course emphasizes practical applications, preparing students for careers in a rapidly changing financial landscape. Guest speakers from the industry and hands-on projects will enhance learning and provide insights into the future of banking and financial services.

FNT502-Regulatory Frameworks for Fintech

Credit Hour: 3
Prerequisite: No Prerequisite

This course provides a comprehensive overview of the regulatory landscape affecting the fintech industry. As financial technology continues to transform the way we conduct transactions, manage assets, and access financial services, understanding the regulatory frameworks that govern these innovations is essential for professionals operating in this space. Students will explore the key regulations and guidelines that influence fintech operations, including anti-money laundering (AML), know your customer (KYC) requirements, data protection laws, and consumer protection regulations. The course also addresses the role of regulatory bodies, both at the national and international levels, and examines how these agencies adapt to rapid technological advancements. Through case studies and real-world scenarios, participants will analyze how different countries approach fintech regulation and the impact of these regulations on innovation and competition within the financial services sector. The course aims to equip students with the knowledge needed to navigate the complex interplay between technology and regulation, and to develop strategies for compliance within a continuously evolving regulatory environment.

FNT503- Data Analytics in Finance

Credit Hour: 3
Prerequisite: FNT501

This course provides an in-depth exploration of the essential concepts and techniques of data analytics as applied to the field of finance. Students will learn how to analyze financial data, extract meaningful insights, and make data driven decisions that impact business performance. The course covers a

variety of topics, including statistical analysis, data visualization, predictive modeling, and machine learning, all tailored to financial applications. Students will engage with real world financial datasets and tools, such as Excel, Python, and R, to conduct analyses and visualize results. Case studies from investment management, risk assessment, and corporate finance will illustrate the practical use of analytics in solving financial problems. Emphasis will be placed on developing a strong analytical mindset and understanding how data can enhance strategic decision making within financial institutions. Through hands on projects and collaborative learning, students will gain the necessary skills to interpret complex financial information, identify trends, and communicate their findings effectively to stakeholders. This course is ideal for those looking to advance their careers in finance by harnessing the power of data analytics to drive financial success.

FNT504- Blockchain and Cryptocurrency

Credit Hour: 3
Prerequisite: FNT501

Blockchain and Cryptocurrency is a comprehensive course designed to introduce students to the revolutionary technologies underpinning digital currencies and decentralized systems. This course explores the fundamental principles of blockchain technology, including its architecture, mechanisms of operation, and potential applications across various industries. Students will examine the evolution of cryptocurrency, with a focus on Bitcoin and other prominent cryptocurrencies, understanding the dynamics of crypto markets, trading strategies, and regulatory frameworks. Through lectures, case studies, and practical exercises, participants will gain insights into the security, consensus models, and smart contracts that define blockchain systems. The course will also address the socio-economic implications of cryptocurrencies, including issues of decentralization, privacy, and the future of finance. By the end of the course, students will have a solid understanding of both theoretical concepts and practical knowledge, preparing them for careers or further study in this dynamic field.

FNT505- Artificial Intelligence in Finance

Credit Hour: 3
Prerequisite: FNT503

Artificial Intelligence in Finance explores the transformative role of AI technologies in the financial sector. This course provides a comprehensive overview of how machine learning, natural language processing, and advanced data analytics are revolutionizing financial services. Students will learn about the application of AI in areas such as risk assessment, fraud detection, algorithmic trading, customer relationship management, and personalized financial planning. The course will also cover ethical considerations, regulatory challenges, and the implications of AI on financial markets and institutions. Through case studies and practical projects, participants will gain hands-on experience with AI tools and techniques, equipping them with the skills needed to navigate the evolving landscape of finance powered by artificial intelligence.

FNT506- Risk Management in Fintech (online)

Credit Hour: 3
Prerequisite: FNT502 and FNT503

Risk Management in Fintech explores the unique challenges and opportunities associated with managing risk within the rapidly evolving financial technology sector. This course provides a comprehensive overview of the various types of risks that fintech companies face, including operational, credit, market, regulatory, and cybersecurity risks. Students will analyze case studies of fintech firms to understand how they identify, assess, and mitigate these risks in an environment characterized by rapid innovation and regulatory change. Through lectures, group discussions, and hands-on projects, the course will cover essential risk management frameworks and tools, emphasizing the importance of data analytics in risk assessment. Students will learn how machine learning and artificial intelligence can enhance risk management practices and how fintech firms can balance innovation with compliance. Additionally, the course will address the implications of emerging technologies like blockchain and digital currencies on risk management strategies. By the end of the course, students will have a solid foundation in the principles of risk management specific to the fintech industry, preparing them for careers in this dynamic and growing field.

FNT507- E-commerce and Payment Systems

Credit Hour: 3
Prerequisite: FNT502 and FNT504

E-commerce and Payment Systems is an in-depth exploration of the digital commerce landscape and the various payment mechanisms that facilitate online transactions. This course examines the evolution of e-commerce, current trends, and the key technologies that drive online business operations. Students will gain a comprehensive understanding of essential components such as online marketplaces, business-to-business (B2B) and business-to-consumer (B2C) models, mobile commerce, and the impact of social media on buying behavior. The course will also delve into the intricacies of payment systems, including credit cards, digital wallets, cryptocurrencies, and emerging payment technologies. Key challenges such as security, fraud prevention, and regulatory considerations will be critically analyzed to prepare students for real-world applications. Through case studies and practical examples, participants will engage with practical tools and strategies that e-commerce businesses utilize to optimize transactions and enhance customer experiences. This course is ideal for anyone looking to develop a solid foundation in e-commerce practices and payment solution frameworks.

FNT508- Financial Modeling and Valuation

Credit Hour: 3
Prerequisite: FNT501 and FNT503

Financial Modeling and Valuation This course provides an in-depth exploration of financial modeling and valuation techniques essential for analyzing investment opportunities and corporate financial performance. Students will learn to construct robust financial models using spreadsheet software, focusing on key components such as revenue forecasting, expense modeling, and cash flow projections. The course covers various valuation methodologies, including discounted cash flow (DCF) analysis, comparable company analysis, and precedent transactions. Through practical exercises and case studies, students will gain hands-on experience in building financial models that inform strategic decisions and enhance understanding of market dynamics. Topics include the foundations of financial modeling, sensitivity analysis, scenario analysis, and the integration of financial modeling with business strategy. By the end of the course, students will have developed the skills necessary to create comprehensive financial models and perform thorough valuations, providing a strong framework for careers in finance, investment banking, equity research, and corporate finance.

FNT509- Cybersecurity in Financial Services

Credit Hour: 3
Prerequisite: FNT502 and FNT507

Cybersecurity in Financial Services. In today's digital landscape, the financial services sector faces unprecedented challenges and threats due to the increasing sophistication of cyberattacks. This course provides an in-depth exploration of cybersecurity principles and practices specifically tailored for the financial services industry. Students will gain an understanding of the unique regulatory environment, critical infrastructure, and sensitive data that define the sector. The course will cover key topics such as risk management frameworks, threat intelligence, incident response, and the role of governance in safeguarding financial institutions. Students will analyze real-world case studies of cyber incidents in banking, insurance, and investment sectors, examining lessons learned and strategies for improvement. Additionally, the course will highlight emerging technologies and trends, including artificial intelligence, blockchain, and the impact of digital currencies on security practices. Through a combination of lectures, discussions, and hands-on activities, students will develop a comprehensive understanding of the importance of robust cybersecurity measures in maintaining consumer trust and ensuring the resilience of financial services organizations. This course is essential for anyone seeking to pursue a career in cybersecurity within the financial sector or enhance their understanding of the intersection between finance and technology.

FNT599- Thesis Research in FinTech

Credit Hour: 6
Prerequisite: 27 Credit Completion

This course equips students with the knowledge and skills to conduct original research in financial technology (FinTech), focusing on addressing real-world challenges and advancing innovative solutions. Students will critically analyze the current FinTech landscape through comprehensive literature reviews, identify research gaps, and develop a structured research proposal. The course emphasizes rigorous application of qualitative and quantitative research methodologies, ethical considerations, and risk assessments aligned with regulatory frameworks.

Throughout the course, students will synthesize findings into meaningful contributions and effectively communicate their research through presentations and defense. By integrating theoretical principles with practical applications, this course prepares students to make impactful contributions to the evolving FinTech industry.

Master of Science in Strategic Digital Transformation

Core Courses

SDT500 Strategic Dimensions of Business Functions

Credit hours: 3
Pre-requisite: none

This course is designed to provide students with a solid foundation in the strategic dimensions of key business functions. It is intended for experienced, senior-level managers who are already familiar with the roles and responsibilities of various functional areas, such as Finance and Accounting, Marketing, and Human Resource Management. As such, the course does not cover the operational details of these functions. Instead, it focuses on exploring their strategic nature, complexity, and influence on organizational decision-making. Additionally, the course emphasizes the importance of research skills and the use of data to support managerial decisions. It serves as a critical foundation for the entire program by guiding students in identifying a suitable topic for further research.

SDT525 Digital Strategy and Digital Business Models

Credit hours: 3
Pre-requisite: SDT500

In recent years, innovative businesses have leveraged a wide range of digital tools—from mobile apps to artificial intelligence—to create new business models and deliver exceptional customer value through greater convenience, higher quality, and competitive pricing. This wave of technology-driven disruption has already transformed many industries. This course explores how managers can develop innovative strategies and business models to help their organizations succeed in the digital era. Digital transformation is not merely about deploying technology or implementing IT solutions—it is fundamentally a people-driven process. As such, business leaders must champion cultural change from the top and understand the behavioral shifts required to drive sustainable transformation. Through contemporary case studies and practical, experience-based insights, students will learn how to reimagine traditional business models from an outside-in perspective, build effective teams for transformation, and make bold, strategic decisions throughout the digital transformation journey.

SDT526 Digital Innovation and Design Thinking

Credit hours: 3
Pre-requisite: SDT500

Digital innovation has driven the rise of today's leading digital enterprises, with design thinking playing a critical role in shaping the breakthrough tools and creative techniques that support them. This course is designed to cultivate both the mindset and foundational knowledge required to lead and execute digital innovation initiatives effectively. Students will explore key literature on digitalization, digital innovation, and platform-based ecosystems while being introduced to the principles, approaches, and mindset of design thinking. Emphasis is placed on analyzing and designing digital innovations through practical frameworks and tools used to develop impactful digital solutions. The course covers techniques such as problem and need exploration, ideation, brainstorming, prototyping, and testing—critical components in reframing challenges and driving innovation. Additionally, students will examine digital capabilities and the risks associated with the innovation process, gaining a comprehensive understanding of how digitalization and IT influence innovation in modern organizations.

SDT527 Digital Culture (Online)

Credit hours: 3
Pre-requisite: SDT500

Organizations worldwide are navigating unique digital transformation journeys. The rise of emerging technologies is reshaping both corporate and social landscapes, disrupting traditional business models and transforming how we communicate and operate. However, the greatest challenge in accelerating digital transformation lies not in the technology itself, but in the cultural change required to unlock its full potential. This course offers a practical and real-world perspective on the cultural shifts necessary to drive and sustain successful digital transformation. It explores how organizations can foster a culture that embraces innovation, agility, and continuous learning to support digital advancement. Delivered entirely online, the course provides flexibility while equipping students with comprehensive knowledge in security risk management and auditing. Through a blend of live virtual sessions, pre-recorded lectures, and interactive labs, students gain hands-on experience in addressing real-world information security challenges. Collaborative learning is supported through digital platforms, including activities, discussions, and group projects, ensuring a dynamic and accessible learning environment. All assessments will be conducted face-to-face.

SDT528 Disruptive Technologies

Credit hours: 3
Pre-requisite: SDT500

This course explores emerging technologies—such as Cloud Computing, Big Data, Artificial Intelligence, Blockchain, the Internet of Things (IoT), Robotics, and Virtual Reality—that are enabling organizations to stay competitive in an increasingly turbulent business environment. It examines both the current and future impact of these technologies on organizational operations across various industries and sectors. Students will gain a comprehensive understanding of these technologies and how organizations are responding to the disruptions they create. The course covers tools, best practices, and frameworks for designing and implementing technology-driven projects, while also addressing the challenges and opportunities involved. Key topics include managing organizational change in response to disruption, the strategic adoption of new technologies, and legal and privacy considerations. A case study project running throughout the course enables students to apply their learning by identifying and proposing the implementation of an emerging technology to solve a real-world organizational problem.

SDT529 Agile Project Management

Credit hours: 3
Pre-requisite: SDT500

This course introduces learners to Agile project management methods, starting with the core philosophy and fundamental structure of Agile projects. It addresses common challenges faced by teams adopting Agile best practices, including integrating Agile methods within traditional Waterfall environments. The course also explores specialized Agile frameworks, such as Scrum and Lean Sigma. Through a combination of interactive exercises, instructional videos, curated readings, and case studies, students will engage with practical applications of Agile and develop key project management skills within an Agile context.

SDT530 Governance, Ethics, and Cyber Security (Online)

Credit hours: 3
Pre-requisite: SDT500

As digital technologies become deeply embedded in nearly every aspect of organizational life, digital transformation leaders must navigate a wide array of socio-political, economic, regulatory, ethical, and information security issues. This course explores the critical challenges of ethically managing and protecting digital and information assets. Students will gain an understanding of legal and ethical responsibilities, as well as the regulatory frameworks shaping the digital technology landscape. Cybersecurity is examined in the context of both current and emerging threats, with a focus on the technologies, policies, and practices essential for effective risk management in modern organizations. Delivered entirely online, the course offers flexibility while providing comprehensive knowledge in security risk management and auditing. Through a blend of live virtual sessions, pre-recorded lectures, and interactive labs, students develop practical skills to address real-world information security challenges. Collaborative learning is supported through digital platforms with activities, discussions, and group projects, ensuring an engaging and accessible experience. All assessments will be conducted face-to-face.

SDT531 Data-Driven Businesses

Credit hours: 3
Pre-requisite: SDT500

This course introduces the principles and characteristics of data science and its role in driving digital transformation. Participants will explore common data types, foundational concepts in data analytics, and widely used data visualization tools and packages. Students will apply both fundamental and advanced data visualization theories, design principles, and techniques to develop user-centered solutions. The course also examines how data supports innovative business models, enhances decision-making, and contributes to managing digital transformation research, including planning and design. Through practical examples from leading organizations, students will gain hands-on experience in data visualization design and develop an understanding of the ethical considerations and policies necessary to protect data privacy and security.

SDT599 Applied Research Thesis

Credit hours: 6
Pre-requisite: SDT500+ SDT531+ 21 Credit Hour

This capstone research thesis is the final course in the Master of Science in Strategic Digital Transformation program. It focuses on examining the five core building blocks of organizational design essential for enabling digital transformation. These building blocks serve as foundational design principles that allow organizations to leverage rapidly evolving digital technologies. The course is guided by the Design for Digital framework developed by Professor Jeanne Ross and her colleagues at the Massachusetts Institute of Technology (MIT). Students will engage with both theoretical and practical research components, collaborating with

industry or government professionals within selected organizations. The course emphasizes applied research methods and is conducted under the supervision of a faculty member with relevant subject matter expertise and research experience. The Applied Research Thesis unfolds in two main stages. In the first stage, students refine the research proposal initially developed in the Data-Driven Businesses course, tailoring it to a selected business or government organization. Students are required to present and defend their proposals and incorporate feedback before proceeding. In the second stage, students implement their research plans, conduct the study, and produce a final applied research thesis that integrates academic insight with real-world relevance

Doctor of Business Administration

Phase I

COMM 1 - Communication and Leadership

Credit Hour: 3
Prerequisite: Admission to DBA Program

In this course in Communication and Leadership, the primary objective is to facilitate the development of advanced communication skills and a deep understanding of their significance within the domain of leadership. This course goes beyond basic communication proficiency, equipping students with the ability to effectively convey both fundamental and advanced research concepts in the complex field of leadership. Moreover, it seeks to elucidate the intrinsic relationship between communication and leadership excellence, instilling a comprehensive perspective on the dynamics of leadership. The course places significant emphasis on nurturing critical thinking, enhancing written communication skills, refining presentation techniques, and promoting collaborative teamwork. These competencies are cultivated within the specific context of management research, leadership principles, and persuasive communication

METH 1 - Introduction to Business Research

Credit Hour: 3
Co-requisite: COMM1

In a rapidly changing business world where innovative solutions are constantly sought, the ability to conduct rigorous and impactful research is an essential skill. This course is the foundational component of the DBA program, providing a structured introduction to the philosophy and complexities of business research. It equips doctoral students with the fundamental skills and knowledge needed to begin their research journey. The course acknowledges the significant role research plays in guiding business decisions, shaping strategies, and achieving organizational success. Throughout the course, students will embark on a transformative journey, building proficiency in various aspects of business research methodology.

METH 2A - Qualitative Methods for Research I - Design

Credit Hour: 3
Prerequisite: METH 1

This course, designed specifically to equip students with the tools to delve into the rich tapestry of human experience, focuses on qualitative research. Qualitative research prioritizes understanding meaning over mere quantification. The course explores how researchers collaborate with participants to gather in-depth, descriptive data. Throughout the course, students will gain a strong foundation in various qualitative approaches, including narrative research, phenomenology, grounded theory, ethnography, and the case study. Students will develop the skills to craft clear and focused research questions and devise effective data collection strategies using interviews, observations, and document analysis.

METH 2B - Qualitative Methods for Research II - Analysis

Credit Hour: 3
Prerequisite: METH 2A

This course covers qualitative research methods at the stage of data analysis. Such analysis is intended to cover an array of interpretative techniques which will seek to describe and determine the meaning of naturally occurring

phenomena in the social world. The course examines the choice of a data collection strategy that reflects the complexity and distance of the data. Issues of data collection are reviewed in terms of direct and indirect observations. A process of analysis is considered that deals with both the attributes of variables and the culture domain of the analysis. Finding themes, the selection and use of code books and the representation of data is included. The use of profile and proximity matrices is developed as a tool of analytical reasoning to add meaning to the data. The importance of conceptual models is considered as a way of providing further understanding of the data. An analytical frame is introduced that considers the units of analysis, the attributes of the data, levels of measurement, aggregation and comparison. The use of keywords in narrative analysis, grounded theory, schema analysis, analytic induction and ethnographic decision models are discussed. Since qualitative research is not a linear process, this course emphasizes iteration and refinement that consists of study redesign, additional data gathering and further re-analysis.

METH 3A - Quantitative Methods for Research I - Design

Credit Hour: 3
Prerequisite: METH 1

This course is the first of a two-course sequence on the use of quantitative methods in business research. It focuses primarily on research design and data collection. The student will learn various design methods that differ in purpose (such as exploratory vs. descriptive), modality (such as survey vs. experiment and interview vs. questionnaire), scope (such as longitudinal vs. cross-sectional); measurement issues and instrument development; sampling strategies; use of secondary data, etc. The student will acquire both the theoretical foundation and the practical experience necessary in understanding and designing quantitative research.

METH 3B - Quantitative Methods for Research II

Credit Hour: 3
Prerequisite: METH 3A

This course, as the second segment of a two-course series, emphasizes the practical application of advanced quantitative methods in business research. It focuses on data processing, intricate modeling, and comprehensive inferential analysis. Key concepts covered include correlation and both simple and multiple regression models, in addition to in-depth exploration of topics such as exploratory and confirmatory factor analysis, along with the practical application of structural equation modeling. Throughout this course, students develop a comprehensive proficiency that harmonizes a robust theoretical foundation with hands-on practical experience, equipping them with the essential knowledge and skills needed for advanced quantitative analysis.

MGMT 1 - Management of Change and Innovation

Credit Hour: 3
Prerequisite: COMM 1

This course explores advanced concepts and methodologies in the Management of Change and Innovation within organizational settings. Employing a rigorous academic approach, students delve into dominant theories to cultivate a comprehensive understanding of the inherent complexities in guiding transformative initiatives. Emphasis is placed on the interplay between change, innovation, and effective management, fostering an exploration of organizational dynamics and the development of strategic perspectives for effecting positive change. The course is also designed to impart a thorough comprehension of the intricacies inherent in leading transformative initiatives, with a focal point on integrating theoretical knowledge with evidence-based decision-making.

MGMT 2 - Seminar in Strategic Management

Credit Hour: 3
Prerequisite: No Prerequisite

This course is designed to equip students with advanced knowledge and skills in strategic management. This course delves into cutting-edge theories, frameworks, and empirical research related to formulating and implementing effective organizational strategies. Students engage in in-depth discussions, critical analysis, and synthesis of strategic management literature, emphasizing the integration of theory and practice. The course explores contemporary issues in business strategy, such as competitive advantage, innovation, sustainability and corporate governance, and global strategic management. Students are encouraged to further develop their research skills by designing and conducting original case studies that contribute to the field. Through a combination of theoretical exploration and practical application, participants emerge with a comprehensive understanding of strategic management principles, preparing them to make significant scholarly contributions in the business world.

MGMT 3 - Leadership

Credit Hour: 3
Prerequisite: COMM 1

This course considers the concept of leadership from a senior management perspective using both theoretical and practical viewpoints . Traditionally, the concept of leadership has been viewed as something a manager does in order to enable his or her subordinates to do their jobs effectively. This course considers leadership in terms of a body of knowledge and practice within an organizational context of

empowerment and change. The course defines leadership and covers the necessary traits of a leader, studies leadership process, and reviews assigned and emergent schools of thought on leadership. In addition to that, the natures of leadership skills are detailed and a number of contemporary approaches to leadership studies are reviewed, which include the style, situational and contingency approach. Finally, an understanding of the practice of leadership is developed using a case study approach to model particular leadership styles matched to specific organizational situations.

MGMT 4 - Seminar in Organization Theory & Behavior

Credit Hour: 3
Prerequisite: COMM 1

A seminar that focuses on contemporary theories and practices in organization theory and behavior. In this seminar, four research themes from the aforementioned theoretical framework literature will be selected and then each will be critiqued using relevant research literature.

MGMT 5 - Managerial Decision Making

Credit Hour: 3
Prerequisite: COMM 1

This course offers an exploration of systematic and data-driven approaches utilized by managers and professionals to optimize decision-making processes. Students will thoroughly examine decision-making strategies, processes, theories, and research. Through critical analysis, case studies, and practical exercises, students will develop the skills necessary to navigate the complexities of real-world decision-making challenges, enhancing their effectiveness as informed, ethical, and strategic decision-makers. The course delves into the principles of quantitative analysis, decision models, and statistical methodologies, with a strong emphasis on the utilization of quantitative data to make well-informed, rational decisions across various managerial domains, including operations, supply chain management, finance, and marketing. By mastering these quantitative methods, students will acquire the essential skills to enhance the quality and effectiveness of their decision-making processes in real-world professional contexts and to carry out research within this domain.

MGMT 6 - Global Issues in Business

Credit Hour: 3
Prerequisite: COMM 1

This course offers a comprehensive exploration of global challenges intersecting with business leadership. Students will examine issues such as population dynamics, poverty, food security, energy transitions, communication technologies, transportation systems, economic globalization, socio-cultural transformations, sustainable resource management, environmental stewardship, public health, education, and emerging business models. Through rigorous analysis of contemporary research and case studies, students will develop advanced analytical skills to identify connections across diverse domains. Emphasis will be on fostering interdisciplinary perspectives and innovative strategies for addressing complex global challenges in business. Students will engage in critical discourse to evaluate real-time global developments and their impact on business practices.

RSCH 1 - Research Proposal

Credit Hour: 3
Prerequisite: METH 2B, METH 3B

This course is the capstone of the coursework leading to the DBA dissertation research. It is expected that a student will come into this course with a research topic, the methodology and an advisor already identified in advance. The course will be offered as an independent study under the guidance of the research advisor and/or an advisory committee. Upon successful completion of the course, the student will be certified ready to undertake the DBA dissertation work (provided that he/she is otherwise qualified) or an independent research work of similar magnitude.

Phase II

COMM 2 - Dissertation Writing

Credit Hour: 3
Prerequisite: Admission to Phase II

This course will be taken by the student after he/she has successfully completed the DBA coursework requirements, written and defended his/her research proposal, and been admitted to the dissertation phase of the DBA program. It will familiarize him/her with the minutiae of the dissertation process, and prepare him/her for writing (and eventually defending) the final dissertation document. It is expected that at the end of this course, the student will have drafted the first few chapters of his/her dissertation. The course will be administered on a Pass/Fail basis, the student's performance will be evaluated jointly by the course instructor and his/her research advisor.

RSCH 2: Dissertation

Credit Hour: 24
Prerequisite: Admission to Phase II

This course represents the final phase of the DBA program. The dissertation is composed of three refereed journal articles related to the same topic of research. The articles must be based on research completed by the DBA candidate while enrolled in Abu Dhabi University. The three publishable-quality articles must be around a certain theme. Once admitted to this phase, a student undertakes, over several terms, independent research under the guidance of a primary advisor and/ or an advisory committee (consisting of members from internal and/ or external constituencies). The starting point is the successfully defended research proposal. This typically provides the background work and yields the first components of the dissertation. The research question is fine-tuned at this point and the research plan is firmed up. Data collection instruments and procedures are readied and put into play, after proper validation. The collected data are now analyzed and appropriate conclusions drawn. All these are written up into a draft and submitted for review to the advisory committee. After one or more rounds of review and revision, a decision is made on the acceptability of the reported research. If this is positive, an oral defense is held. Success here leads eventually to the conferring of the DBA degree.

COLLEGE OF ENGINEERING

Master of Engineering Management

Core Courses

MEM 501 - Project Management

Credit Hour: 3

Prerequisite: No Prerequisite

This course covers the elements of project management critical to the success of engineering projects: project management framework, waterfall and agile project management, project selection and initiation, project organization, scope management, time management, cost management, resource management, risk management, tradeoffs, and project closing. The course also integrates and clarifies the practices and software tools used in project management through a team project and case studies from a variety of disciplines.

MEM 503 - Advanced Engineering Data Analysis

Credit Hour: 3

Prerequisite: STT 100 or equivalent

This course provides students with a strong foundation in modern data analysis techniques relevant to engineering management and decision-making. It covers advanced statistical methods, data visualization, and predictive modeling, emphasizing real-world applications in operations, project management, and industrial decision-making. Students will gain proficiency in python as a tool to conduct data-driven decision-making, hypothesis testing, regression analysis, and machine learning techniques. The course also explores Bayesian statistics and probabilistic modeling for engineering management.

MEM 504 - Quality Engineering & Management

Credit Hour: 3

Prerequisite: MEM 503

This course covers basic and advanced quality concepts and methods including statistical approaches that are used in Quality Engineering such as SPC, Process Capability, and Experimental Design. It also covers process and product quality tools; quality assurance methods and standards such as QFD, ISO9000 and Six-Sigma, quality planning and control, quality awards, and continuous improvement. The project and assignments are key components of this course. These include quality systems design and management, application of effective design for quality management standards, quality tools and techniques in real world organization, and ethical issues related to sampling and quality audit and assurance.

MEM 506 - Operations Research & Simulation

Credit Hour: 3

Prerequisite: No Prerequisite

This course covers computer simulation concepts and operations research modeling techniques, including problem formulation and discrete event simulation modeling.

It include the formulation of mathematical models, solutions using linear programming, sensitivity and cost analysis of developing alternative optimum solutions, transportation and network analysis, forecasting, and stochastic modeling. The course includes case studies related to the topic and a term project. It also applies the concepts and principles associated with systems modeling and simulation using contemporary simulation software ARENA.

MEM 509 - Digital Transformation and AI Applications

Credit Hour: 3

Prerequisite: No Prerequisite

This course provides an in-depth understanding of the challenges, opportunities, and strategic implications of technology adoption in Industry 5.0. The course emphasizes an organizational and managerial approach to Information Systems and Technology, covering mature and emerging new technologies such as Big Data analytics (Python), Artificial Intelligence, Blockchain, Generative AI (Prompt Engineering), AR/VR, and Internet of Things and their impact on a firm's business model and value chain. This course describes the underlying economics of innovation and market disruptions without neglecting the ethical, legal, and social aspects. In addition, it provides a detailed comprehension of E-business and how it is strengthening Business to Business (B2B), Business to Customer (B2C), and Customer to Customer (C2C) relationships. Also, this course provides students with a sound view of what agile project management and change management are and why they matter to succeed in most IT projects.

MEM 511 - Operations & Supply Chain Management

Credit Hour: 3

Prerequisites: MEM 506

This course covers the major issues in operations and supply chain management including their individual components and their interrelationships. It is mainly focused on Capacity Planning, Procurement, Forecasting Demand, Production Planning, Inventory Controls, Lean Philosophy and techniques, and Transportation and Distribution in different types of organizations. It also covers the role of advances in technologies and electronic commerce in coordinating the supply chain of a product from the point of origin to the point of consumption.

The course helps students develop the quantitative and analytical skills to analyze, model and solve supply chain problems. The course is based on a mixture of lectures and case discussions.

MEM 507 - Systems Engineering

Credit Hour: 3

Prerequisites: No Prerequisite

This course provides a comprehensive introduction to systems engineering principles and practices, focusing on the design, analysis, and management of complex systems across their life cycles. Students will explore system thinking, requirements engineering, functional analysis, system architecture, modeling and simulation, verification and validation, and risk management. Emphasis is placed on interdisciplinary approaches and the integration of technical and managerial perspectives to solve real-world engineering problems. Case studies and project-based learning are used to illustrate applications in sectors such as aerospace, defense, transportation, energy, and healthcare.

Track 1- Master in Engineering Management (Electives)

MEM 510 - Innovation and Entrepreneurship

Credit Hour: 3

Prerequisite: No Prerequisite

This course focuses on coverage of the topics of managing technological innovations and creating successful organizations. It aims at providing rich exposure to the students on management of innovation in manufacturing and information technologies. It also explains how to become an entrepreneurial leader by defining and developing opportunities and bringing together the resources and capabilities needed to make it happen. Topics covered include disruptive technologies, strategic management of technology, new product development, technological, change management, corporate entrepreneurship and innovation, diffusion of innovation, and chain of innovation activities.

MEM 508 - Engineering Risk Analysis & Management

Credit Hour: 3

Prerequisite: MEM 503

This course introduces risk identification, risk analysis, risk assessment, strategies to manage risk, and applications of risk management. Students learn how to determine the quantitative and/or qualitative value of risk related to engineering systems and projects. It also presents the basic concepts, methods and tools to perform risk analysis in various project management applications, and engineering and technology-based industries. The focus is on using tools and methods of Risk Matrix, Decision Trees, Life Cycle Cost Analysis (LCCA), FMEA, Fault Tree, Utility Theory, as well as an introduction to Bayesian statistical theory. Other risk management tools include SWOT analysis and Participatory Analysis

MGT 523 - Strategic Management

Credit Hour: 3

Prerequisite: Last Semester

This course covers the determination of the strategic direction of the firm and management of strategic processes in the firm. The course draws on and integrates concepts from the functional areas (i.e. finance, accounting, management, management information systems) in the analysis and resolution of complex business situations. It also discusses the integration of environmental factors and organizational functions in the analysis and solution of management problems. This course explains the whole process of strategy formulation, implementation, evaluation, control, and strategic issues. The course is mainly case and discussion-oriented. Real case studies will be presented and active participation in discussions is expected. A project related to one of the course topics will be assigned to each group of students and presented at the end of the course.

ACC 522 - Advanced Managerial Accounting

Credit Hour: 3

Prerequisite: ACC 482 -PC

This course focuses on the use of accounting information as a tool in the planning and control of business organizations from a management perspective. The orientation of the course is to analyze and evaluate management accounting information from the perspective of senior management using case study. In light of the course description, the primary objective of the course is to provide the necessary framework

to understand and be able to apply and use management accounting information. Consistent with this orientation, the list of topics covered in this course includes an overview of managerial accounting; the role and function of accounting information in corporate governance; accounting information as a managerial tool, cost concepts and behaviors, an overview of cost systems; incremental costing. and its application for short and long-term decision making; capital and operational budgeting; issues related to effective management control, and financial statements analysis from a managerial accounting perspective

MEM 502 - Advanced Engineering Economics

Credit Hour: 3

Prerequisite: COE 202-PC

This course covers the theory and application of engineering economics principles and methods. It studies techniques for engineering economic analysis for decision making, evaluations of economic alternatives, capital budgeting and money management, depreciation and taxes, cost estimation, multi-attribute decision making, and advanced asset replacement analysis. It also covers the principles of corporate finance and investment science such as cash flow streams, handling project uncertainly, investment worth, pricing of firms, and finance instruments, interest rate term structure, fixed income instruments duration, etc. knowledge.

MEM 531 - Sustainability & Professionalism in Project Management

Credit Hour: 3

Prerequisite: No Prerequisite

This course covers the professional responsibilities of project managers in the engineering and technology industries, which are related to professional code of ethics and corporate human resource policies that include, among others, truth-telling and disclosure, whistle-blowing; social responsibilities that includes corporate social responsibility; and environmental and sustainability responsibilities related to air, water, and soil quality, and pollution prevention and mitigation. The course illustrates concepts through case studies that highlight professional/ethical decisions in the field of engineering and technology industries and projects.

Track 2- Master of Science in Engineering Management (Research)

MEM 598 - Master Thesis 1

Credit Hour: 3

Prerequisite: Completion of 15 credits that include MEM 503

This course is the first phase of the master thesis in Engineering Management. It focuses on the preparation and planning of the thesis project. Students are required to identify a research topic, select a thesis advisor, develop a research proposal, and successfully defend it. Emphasis is placed on critical thinking, problem definition, literature review, and research design. This course lays the foundation for the completion of the thesis in MEM599.

MEM 599 - Master Thesis 2

Credit Hour: 3

Prerequisite: MEM 598

This course is the final phase of the master thesis in Engineering Management. Building on the proposal developed in MEM598, students are expected to conduct the research, analyze findings, and produce a comprehensive thesis. The work should reflect creativity, independent thinking, and the application of scientific and engineering management principles. Successful completion requires a written thesis, oral defense, and submission of a draft paper for publication to a Scopus-indexed conference or journal

Master of Project Management

Core Courses

MEM 501 - Project Management

Credit Hour: 3
Pre-requisite: No Prerequisite

This course covers the elements of project management critical to the success of engineering projects: project management framework, waterfall and agile project management, project selection and initiation, project organization, scope management, time management, cost management, resource management, risk management, tradeoffs, and project closing. The course also integrates and clarifies the practices and software tools used in project management through a team project and case studies from a variety of disciplines.

MPM 521 - Project Planning, Integration & Scope Management

Credit Hour: 3
Pre-requisite: Co-requisite MEM 5O1

This course studies the techniques for planning, integrating and controlling the scope of multiple projects run within the same organization. Those projects could be commissioned within the organization and implemented with the resources of the organization.

The concepts and techniques are equally applicable to outsourced or subcontracted projects. Integration management is an element of project management that coordinates all aspects of a project. Project integration, when properly performed, ensures that all processes in a project run smoothly. Integration management will produce a series of deliverables. These deliverables include the project charter, project plan, and preliminary project scope statement.

MPM 503 - Advanced Engineering Data Analysis

Credit Hour: 3
Pre-requisite: STT100 or equivalent

This course provides students with a strong foundation in modern data analysis techniques relevant to engineering management and decision-making. It covers advanced statistical methods, data visualization, and predictive modeling, emphasizing real-world applications in operations, project management, and industrial decision-making. Students will gain proficiency in python as a tool to conduct data-driven decision-making, hypothesis testing, regression analysis, and machine learning techniques. The course also explores Bayesian statistics and probabilistic modeling for engineering management.

MPM 531 - Sustainability & Professionalism in Project Management

Credit Hour: 3
Pre-requisite: No Prerequisite

This course covers the professional responsibilities of project managers in the engineering and technology industries, which are related to professional code of ethics and corporate human resource policies that include, among others, truth-telling and disclosure, whistle-blowing; social responsibilities that includes corporate social responsibility; and environmental and sustainability responsibilities related to air, water, and soil quality, and pollution prevention and mitigation. The course illustrates concepts through case studies that highlight professional/ethical decisions in the field of engineering and technology industries and projects.

MPM 541 - Project Contract Management and Legal Aspects

Credit Hour: 3
Pre-requisite: No Prerequisite

This course presents legal aspects of contract documents, specifications; owner-service provider relationships and responsibilities; bids and contract performance; labor laws; governmental administrative and regulatory agencies; torts; business organizations; ethics and professionalism. This course presents contract terminology and conventions through engineering and technical problems. An in-depth comprehension of the complexities of professional liability, project contracts, and contract law shall be emphasized, as well as an awareness and comprehension of the ethical implications of engineering and construction

MPM 561 - Project Scheduling and Time Management

Credit Hour: 3
Pre-requisite: MEM 501

The course teaches how to design and build schedules from the basic building blocks (WBS, method statements, work productivity, and work logic) of projects using a variety of graphical techniques including PDM, Bar charts, CPM and PERT. It also covers scheduling techniques such as the critical chain methodology and the Line of Balance for repetitive work. There will be a focus on resource constrained scheduling and techniques to schedule projects based on the availability of limited resources. Other topics include project schedule crashing/acceleration, and delay analysis for claims. A study of the relationship between schedules and cost, and the use of schedules in the Earned Value Analysis is covered as well.

MPM 581 - Project Costing and Financial Management

Credit Hour: 3
Pre-requisite: MEM 501

This course investigates two interrelated topics: Finance and costing for projects. In the finance part, course reviews and analyzes financing structures, schemes, and options for projects. In the costing part course studies, the methods of developing project estimates during the planning stages and updating the estimates throughout the project life cycle. Tools and techniques used in monitoring, reporting, controlling, and managing project cost and procedures used in managing project resources to optimize cost of the project are discussed. Relationships between project cost and other project parameters including scope, time, quality, procurement, and risk are discussed.

Track 1- Course- based Master's in Project Management

MPM 571 - Digital Technologies for Project Management

Credit Hour: 3
Prerequisite: MEM 501

This face-to-face course introduces digital technologies that have been advancing our capability to manage greater information for projects. New project environments are more complex and chaotic than before, and this encourages us to move towards new digital technologies that enable us to manage change, communicate critical data, and deliver quality project work more efficiently. We explore cutting-edge digital technologies, including generative AI, machine learning, IoT, and blockchain. Discussions encompass web-based project management, ERP and CRM systems, wireless connectivity, smart devices, collaborative tools, scheduling and document management software, and knowledge management systems. Legal and Ethical issues, arise from using these digital technologies, are also discussed. A Group project will be used to analyze the impact of the digital technologies on enhancing project delivery and ensure client intimacy.

MEM 510 - Innovation and Entrepreneurship

Credit Hour: 3
Prerequisite: No prerequisite

This course focuses on coverage of the topics of managing technological innovations for products and services and creating successful organizations. It aims at providing rich exposure to the students on management of innovation in manufacturing and information technologies. It also explains how to become an entrepreneurial leader by defining and developing opportunities and bringing together the resources and capabilities needed to make it happen. Topics covered include: disruptive technologies, strategic management of technology, new product development, technological change management, corporate entrepreneurship and innovation, diffusion of innovation, and chain of innovation activities.

MEM 508 - Engineering Risk Analysis & Management

Credit Hour: 3
Prerequisite: MEM 503

This course introduces risk identification, risk analysis, risk assessment, strategies to manage risk, and applications of risk management. Students learn how to determine the quantitative and/or qualitative value of risk related to engineering systems and projects. It also presents the basic concepts, methods and tools to perform risk analysis in various project management applications, and engineering and technology-based industries. The focus is on using tools and methods of Risk Matrix, Decision Trees, Life Cycle Cost Analysis (LCCA), FMEA, Fault Tree, Utility Theory, as well as an introduction to Bayesian statistical theory. Other risk management tools include SWOT analysis and Participatory Analysis.

MEM 504 - Quality Engineering & Management

Credit Hour: 3
Prerequisite: MEM 503

This course covers basic and advanced quality concepts and methods including statistical approaches that are used in Quality Engineering such as SPC, Process Capability, and Experimental Design. It also covers process and product quality tools; quality assurance methods and standards such as QFD, ISO9000 and Six-Sigma, quality planning and control, quality awards, and continuous improvement. The project and assignments are key components of this course. These include quality systems design and management, application of effective design for quality management standards, quality tools and techniques in real world organization, and ethical issues related to sampling and quality audit and assurance.

MEM 506 - Operations Research & Simulation

Credit Hour: 3
Prerequisite: No Prerequisite

This course covers computer simulation concepts and operations research modeling techniques, including problem formulation and discrete event simulation modeling.

It includes the formulation of mathematical models, solutions using linear programming, sensitivity and cost analysis of developing alternative optimum solutions, transportation and network analysis, forecasting

and stochastic modeling. The course includes case studies related to the topic and a term project. It also applies the concepts and principles associated with systems modeling and simulation using contemporary simulation software ARENA.

MGT 523 - Strategic Management

Credit Hour: 3

Prerequisite: Last Semester

This course covers the determination of the strategic direction of the firm and management of strategic processes in the firm. The course draws on and integrates concepts from the functional areas (i.e. finance, accounting, management, management information systems) in the analysis and resolution of complex business situations. It also discusses the integration of environmental factors and organizational functions in the analysis and solution of management problems. This course explains the whole process of strategy formulation, implementation, evaluation, control, and strategic issues. The course is mainly case- and discussion-oriented. Real case studies will be presented and active participation in discussions is expected. A project related to one of the course topics will be assigned to each group of students and presented at the end of the course.

Track 2: Research Thesis-based Master of Science in Project Management

MPM 598 - Master's Thesis in Project Management-1

Credit Hour: 3
Prerequisite: Completion of 15 credit that include MEM 503

This course is the first phase of the master thesis in Project Management. It focuses on the preparation and planning of the thesis project. Students are required to identify a research topic, select a thesis advisor, develop a research proposal, and successfully defend it. Emphasis is placed on critical thinking, problem definition, literature review, and research design. This course lays the foundation for the completion of the thesis in MPM599.

MPM 599 - Master's Thesis in Project Management-2

Credit Hour: 3
Prerequisite: MPM 598

This course is the final phase of the master thesis in Project Management. Building on the proposal developed in MPM598, students are expected to conduct the research, analyze findings, and produce a comprehensive thesis. The work should reflect creativity, independent thinking, and the application of scientific and engineering management principles. Successful completion requires a written thesis, oral defense, and submission of a draft paper for publication to a Scopus-indexed conference or journal.

Master of Science in Information Technology

Core Courses

ITE 501 - Cloud Computing

Credit hours: 3

Prerequisite: Graduate status

Cloud computing provides highly elastic scalability in delivery of enterprise applications. This course provides comprehensive knowledge about cloud computing concepts and capabilities across various Cloud service models including Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS). This course will introduce students to basic concepts and principles of cloud computing. The students will learn new programming paradigms such as Node.js, JavaScript, REST API and benefits and challenges as well as tradeoffs for using the cloud services. The course will teach students how to utilize the cloud services such IBM Cloud and Amazon (AWS). Other topics such as programming models (MapReduce and Hadoop), virtualization, storage, and distributed file systems will be covered as well.

ITE 503 - Research Methods and Communications

Credit hours: 3

Prerequisite: Graduate status

The main purpose of the Research Methods and Communications Course is to introduce students to the process of scientific research and equip them with the necessary knowledge and tools to formulate

research problems, evaluate related research works, and design a suitable research methodology as well as communicate their ideas effectively through different mediums in a scientifically convincing manner. The course starts by defining scientific research and identifying its essential elements, then takes the students through a progressive journey through the different scientific research phases such as problem formulation, literature review, and methodology design. Several class activities relevant to weekly topics are planned to ensure a balance between theory and practice. In doing so, students will learn methods for critically reading research papers, identifying research gaps, selecting interesting research topics, formulating research questions, planning research methodology, and discussing and communicating research results in a convincing way. Several research tools are presented to the students such as LaTeX, Mendeley, and SciVal through practical tutorial sessions.

ITE 504 - Advanced Big Data Analytics

Credit hours: 3

Prerequisite: Graduate status

The Big Data course focuses on managing and processing, storing, and modeling massively large, versatile, continuous, and heterogeneous data retrieved from different sources including, for instance, sensors, social media, web applications, ERP systems, mobile applications, transportation systems, and others. Acquiring, storing, processing, modeling, and visualizing this data encompass various methods/techniques with many challenges to be considered. The course walks the students through the Big Data process starting from data acquisition, and moving to storage, processing, analytics, and visualization. Throughout the course the students will learn the concepts, techniques, tools, and frameworks required to handle Big Data throughout the Big Data process. Finally, by completing this course, students will be able to design and develop a Big Data solution using the techniques, methods, and technologies introduced throughout the course.

ITE 510 - Advanced Data Communication and Computer Networks

Credit hours: 3

Prerequisite: Graduate status

The course covers advanced communication networks and presents in depth some topics such as advanced routing protocols, advanced congestion control techniques, Quality of Service, VPN Networks and Tunneling Protocols, and network management. The course also covers recent research work for securing networks. In addition, this course provides an in-depth understanding of existing network technologies such sensor networks, MANETs, VANETs and their applications. The course also covers new emerging networks such as SASE, IoT/Edge Networks, 5G and its successor 6G, etc.

CSE 511 - Advanced Ethical Hacking and Penetration Testing

Credit hours: 3

Prerequisite: Graduate status

This course introduces the fundamental concepts of ethical hacking methodology, practical techniques, and ethics. The focus of the course is to introduce students to the methodology and tools necessary in order to assess the security posture of the system under study. The course utilizes Kali-Linux and many other software tools that are usually used by a malicious hacker to study the weaknesses and vulnerabilities of a target systems.

In this course the students study the main phases of ethical hacking and penetration testing, including reconnaissance, scanning, enumeration, gaining access, maintaining access, and covering the tracks. The course covers other topics related to hacking such as: malware, sniffers, and social engineering. In addition, the course introduces the students to various types of security attacks such as: denial of service, session hijacking, SQL injection, and attacks on Web servers and applications.

ITE 515 - Artificial Intelligence

Credit hours: 3

Prerequisite: Graduate status

This course provides a comprehensive introduction to artificial intelligence. It is intended to equip the students with theoretical and hands-on practical knowledge necessary to analyze and understand different aspects related to modern AI systems. Topics covered include intelligent agents' design, search and optimization algorithms, machine learning (ML), deep learning (DL), natural language processing (NLP), and recommender systems (RecSys). The course utilizes variety of learning and assessment tools including practical labs, case-study analysis, and research paper writing. By completing this course, the students will be able to analyze the requirements for real-life AI systems, design them using the Rational Agent Design Framework, implement them by applying advanced learning, search, or optimization algorithms, and evaluate them using different evaluation tools and techniques presented in the course.

ITE 591 - Master's Thesis in Information Technology

Credit hours: 9

Prerequisite: 15 credits

Thesis is a comprehensive integrated project that brings together knowledge, skills, and competencies developed during the program. Thesis requirements: (a) the thesis should exhibit elements of creativity, initiative and independent thinking; (b) involve both knowledge gained through coursework and skills acquired during the conduct of the M.Sc. thesis research; (c) demonstrate the ability to carry out a major piece of work according to sound scientific and engineering principles; (d) organize work in a comprehensive and well-structured report, and (e) demonstrate the ability to defend assumptions, methodology, and significance and impact of work. The thesis consists of two successive courses A and B. In the first part (ITE591A) the students are expected to select and advisor, write a proposal and defend their proposal successfully. While in the second part (ITE591B) students are expected to complete their thesis work including defending it successfully and writing at least one original conference/ journal paper for publication.

Elective Courses

CSE 501 - Cryptography and Network Security

Credit hours: 3

Prerequisite: Graduate status

This course provides a clear and practical approach of both the principles and practice of crypto-protocols and network security. The emphasis is on applications that are widely used on the Internet for corporate networks. Topics covered in this course include network security concepts such as data integrity, confidentiality, and availability. The course will also cover other important topics related to network security, such as encryption (symmetric and asymmetric), cryptographic hash functions, message authentication, digital signatures, key management and distribution, firewalls, IP security, email security and cloud security. The practical component of this course will provide the students with the skills to install, troubleshoot and monitor network devices to maintain integrity, confidentiality, and availability of data. The course concludes upon the topic of legal and ethical aspects of computer security including cybercrime, intellectual property, privacy, and ethical issues.

CSE 502 - Security Risk Assessment and Auditing

Credit hours: 3

Prerequisite: Graduate status

The aim of this course is to provide students with an overview about security risk management, functions, mechanisms, and auditing. The course will expose students to the latest and recent techniques for securing information and its systems, through understanding the best practices of management policies, procedures, methods and how to apply the best auditing practices using variety of auditing tools and related technologies. Moreover, the course will help students to apply audit tools, and audit procedures to help in detection and prevention of security breaches and frauds. Students will be able to apply full risk management activities for information and systems under risk.

Students will have in depth view of physical and infrastructure security through identifying, prevention, and mitigating such threats. Tools such as IDS, IPS, firewalls, ACLs and different network types of protections, including remote and wireless communications. Human resources security is also introduced in this course to show the different policies that need to be implemented. In this course, students should become familiar with all legal and ethical aspects that help them to conduct proper risk assessments and security auditing and to understand that the strongly bonded these elements for successfully carrying out security risk assessments in this digital age.

CSE 512 - Advanced Cyber Digital Forensics

Credit hours: 3

Prerequisite: Graduate status

The main purpose of this course us to emphasize the fundamentals and importance of digital forensics. Students will learn different procedures and techniques that will enable them to perform a digital investigation. Students will develop an understanding of the fundamentals associated with the topologies, protocols, and applications required to conduct forensic analysis in a network environment. Students will learn data acquisition and duplication techniques using different forensic tools to acquire the evidence from hard disks and different file systems. Students will learn how to conduct computer, network, web, database, mobile, cloud and malware forensics. They will also learn the importance of legal considerations, digital evidence controls, and documentation of forensic procedures. This course will incorporate demonstrations and laboratory exercises to reinforce practical applications of course.

ITE 530 - Advanced Selected Topics in IT

Credit hours: 3

Prerequisite: Graduate status

The course aims to provide students with an advanced knowledge in IT. Topics may include new emerging IT technologies such as Blockchain, Microservices, Advanced Deep learning, Quantum computing, Computer and Machine Vision, Augmented and Virtual Reality, and any other new IT technologies that are not covered by the core courses. The main purpose of this course is to study IT related topics that are not included in the current MSc. in IT curriculum. Students will do practical exercises and tasks throughout the unit.

The content of the course and the subjects vary depending on the market demand, instructor background and students' interest in the subject.

Master of Science in Electrical and Computer Engineering

Core Courses

ECE 500 – Integrated Circuit Design

Credit Hour: 3
Prerequisite: Graduate Standing

CMOS technology continues to be the dominant technology for fabricating integrated circuits (ICs or chips). This course introduces students to the design of CMOS analog and digital integrated circuits. It covers the design, physical layout, and simulation of CMOS analog and digital integrated circuits. Design techniques are presented for the long and short-channel (nanometer) CMOS technologies. At first, MOSFET modeling, current mirrors, voltage and current references, differential amplifiers and op-amps are presented. The second section of the course is dedicated to the introduction of the inverter, static logic gates, and digital clocked circuits. The students will learn the methodologies to carry out Integrated Circuit design, and related computer-aided design (CAD) software tools (CADENCE).

ECE 501 - Advanced Embedded System Design

Credit Hour: 3
Prerequisite: Graduate Standing

This course introduces students to advanced embedded systems design techniques and their applications. Students learn and experiment with building their own microcontroller printed circuit board and interface it to external hardware such as different sensors and actuators. They then move to discuss networking aspects of embedded systems at the low-level using USART, SPI, and I2C, and the high-level using HTTP over WiFi. They experiment with RTOS for microcontroller. Finally, students study Linux for embedded system design and use its powerful feature set to build advanced embedded Linux applications.

ECE 510 – Advanced Communication Systems

Credit Hour: 3

Prerequisite Graduate Standing

The course covers recent advances of today's communication systems. The analog and digital transmission is reviewed at the beginning of the course. Consequently, advanced topics of communication systems are presented. The tentative topics include light propagation in special fibers, optical waveguides, slowly varying envelope approximation, group velocity dispersion, chirp, dispersion management in communication system design, optical amplification, and soliton signaling.

ECE 512 - Smart Grids and Renewable Energy

Credit Hour: 3

Prerequisite: Graduate Standing

The purpose of this course is to understand and analyze requirements and challenges for implementing future smart grids including different forms of distributed generation. Recent approaches for implementing smart grids will be covered in more detail. Then renewable energy resources will be covered with details of system constraints, challenges, design and control. Case studies will be included to understand the major challenges in wind and solar power integration

in Europe and North America.

ECE 520 – Advanced Power System Analysis

Credit Hour: 3
Prerequisite: Graduate Standing

This course builds on the fundamental knowledge the students have gained in their undergraduate program. It starts from the review of various topics covered in the pre-requisite course. Then it will cover optimal power flow, unit commitment, economic dispatch, automatic generation control, system stability analysis for multi-machine systems and advanced Control Strategies for power systems to enhance system stability and automatic control.

ECE 611 – Advanced Mixed Mode Integrated Circuit Design

Credit Hour: 3

Prerequisite: Graduate Standing

The increasing market demand on integrated system-on-chip applications creates wide demand for integrated circuits (ICs) that can process both analog signals and digital logic. This course covers electrical system building blocks working between the analog and digital world that are used in integrated circuits. Such structures include e.g. comparators, Nyquist-Rate analog to digital converters, Nyquist-Rate digital to analog converters, and oversampling converters.

The students will learn the methodologies to carry out a design of a mixed-mode IC, and related computer-aided design (CAD) software tools to improve the quality and optimality of mixed-signal IC designs.

ECE 621 – Computer and Machine Vision

Credit Hour: 3

Prerequisite: Graduate Standing

This course introduces students to the applications of computer and machine vision. The course starts by introducing 2D and 3D projective transformations, then presents features extraction and matching, camera calibration, epipolar geometry and 3D reconstruction. The course then present more advanced topics in computer and machine vision such as Pattern recognition techniques and applications.

MEM 501 – Project Management

Credit Hour: 3

Prerequisite: Graduate Standing

This course covers the elements of project management critical to the success of engineering projects: project management framework, strategic management and project selection, project organization, human aspects of project management, conflicts and negotiations, scope management, time management, cost management, risk management, contracts and procurement, project termination, the project management office, and modern developments in project management. Integrates and clarifies the principles and tools through case studies from a variety of disciplines.

Project Option

ECE 690 - Electrical and Computer Engineering Project

Credit Hour: 3

Prerequisite: 15 credit hours

The objective of this course is to provide guided experience in wide areas of Electrical and Computer Engineering to student teams working on design projects. The projects will integrate various Electrical and Computer Engineering skills into operational prototypes.

The projects will emphasize problem definition, design conceptualization, implementation and system integration in software and hardware aspects. There are no formal lectures associated with the course. Teams of students will be formed to work as a unit on each project, and also for the purpose of an oral special topic presentation. Every project is unique and may require additional readings to promote self and life-long learning, and part of the challenge for the students is to determine the steps to take.

Typical goals are conducting feasibility studies, development of preliminary designs, creation of advanced designs in software and hardware, final building and testing of the product, and understanding the impact of the solution in a global economic, environmental and societal context. There will be regularly scheduled online class sessions every week. All members of the class are expected to attend these sessions, which are partially devoted to class discussion, overall planning and scheduling of class activities. Students on the MEngECE program are expected to orient their project towards management of Electrical and Computer Engineering project.

Thesis Option

ECE 691- Thesis in ECE

Credit Hour: 3

Prerequisite: 15 credit hours

The objective of this course is to provide guided experience in wide areas of Electrical and Computer Engineering to student teams working on design projects. The projects will integrate various Electrical and Computer Engineering skills into operational prototypes.

The projects will emphasize problem definition, design conceptualization, implementation and system integration in software and hardware aspects. There are no formal lectures associated with the course. Teams of students will be formed to work as

a unit on each project, and also for the purpose of an oral special topic presentation. Every project is unique and may require additional readings to promote self and life-long learning, and part of the challenge for the students is to determine the stepsto take.

Typical goals are conducting feasibility studies, development of preliminary designs, creation of advanced designs in software and hardware, final building and testing of the product, and understanding the impact of the solution in a global economic, environmental and societal context. There will be regularly scheduled online class sessions every week. All members of the class are expected to attend these sessions, which are partially devoted to class discussion, overall planning and scheduling of class activities.

Elective Courses

ECE 622 – Embedded Signal Processing

Credit Hour: 3

Prerequisite: Graduate Standing

This course introduces students to real-time signal processing systems and their design and implementation using embedded systems. It introduces students to the Blackfin processor and its programming and applications in the area of real-time audio, image, and video signal processing. It also discusses the limitations imposed due to use of embedded systems and the influence of these limitations on algorithm utilization and design. The course discusses digital signal processing principles and filter design before introducing implementation techniques using embedded systems.

ECE 630 – Advanced Low-Power Integrated Circuit Design

Credit Hour: 3

Prerequisite: Graduate Standing

In recent years, with the development of applications such as mobile systems, sensor networks, and biomedical applications, power consumption has become the most compelling constraint in designing integrated circuits (ICs). This course introduces in depth the theme of low-power analog and digital integrated circuits. At first, energy-constrained applications and system requirements are introduced. In the second section, MOSFET modeling in weak inversion is presented. The second section of the course is dedicated to the analog circuits in weak inversion. Finally, the third section of the course is dedicated to low-power digital circuits.

On the other hand, the students will be involved in a project work in small groups. They will apply their knowledge from earlier courses to design a low-power integrated circuit. This is done using modern CAD tools such as CADENCE. It will provide precious hands-on experience as the students go through a realistic ASIC design cycle from specification to finished integrated circuit.

ECE 632 – Computer Based Power System Planning and Design

Credit Hour: 3

Prerequisite: Graduate Standing

This course covers power system planning and design using modeling and simulation tools and techniques. The main part of this course is dedicated for implementing various types of analysis and design techniques for future power systems and analyzes various future energy scenarios. The analysis types include load flow, economic load flow, harmonic load flow, reliability analysis, short-circuit analysis, switch events and transients, contingency analysis and stability analysis (Dynamic and transient).

ECE 634 - Optoelectronic Devices and Circuits

Credit Hour: 3

Prerequisite: Graduate Standing

This course introduces in depth the theme of optoelectronic devices and circuits. At first, an extensive revision of semiconductor physics is introduced. The crystal structure and fabrication technologies, the semiconductor band structures, the scattering processes and the optical and the optoelectronics properties of semiconductors are all presented. In the second section, the optical sources and detectors are introduced. These include: Light Emitting Diodes (LEDs) and their structures, output characteristics, coupling to fibers, bandwidths, and spectral emissions. The LASERS and their operation types, spatial emission pattern, and their current Vs. output characteristics. The photo-detectors and their characteristics, Photoemissive types, Photoconductivity and photovoltaic devices. Finally, the last section of the course is dedicated to introduce the theme of integrated optical circuits. These include dielectric waveguides, coupled-mode theory, directional couplers, and photonic crystals.

ECE 635 - Special Topics in Electrical and Computer Engineering

Credit Hour: 3

Prerequisite: Graduate Standing

This course introduces students to advanced topics in areas not covered by the program. Students cover these topics theoretically and using hands-on software or hardware lab experiments. The course emphasizes exploration of recent technologies and advances in the area. The course content may change as the course is repeated.

ECE 638 – Nano-Optical Devices

Credit Hour: 3

Prerequisite: Graduate Standing

Recently, research has focused on a new range of materials and technologies that fall under the umbrella of nanotechnology. Optical devices, for instant, are developed on a nanometer scale; promising a new world of scalability and integration. This course emphasizes on the analysis and design of nano-optical devices and systems. As the theme in its nature is dynamic and continuously evolving, the course is based on a combination of traditional delivery of teaching material, covering recent advances of the field, and conducting research projects carried out by the students. In these projects, students - with the instructor assistance- shall research, analyze and design nano-optical devices and systems. This will provide them an up-to-date knowledge, experience on modern design tools, and understanding of the state-of-the-art technology.

ITE 500 – Rich Internet Applications

Credit Hour: 3

Prerequisite: Graduate Standing

Rich Internet applications (RIAs) are web applications that approximate the look, feel, and usability of desktop applications. The techniques to implement them are based on a group of technologies collectively known as Ajax (Asynchronous Java Scrip and XML), which uses client-side scripting to make web applications more responsive. The resultant applications were richer than the relatively static pure-HTML-based Web applications that preceded them. These applications have become known as Ajax applications, rich internet applications, or Web 2.0 applications. They separate client-side user interaction and server communication, and run them in parallel reducing the delays of server side processing normally experienced by the user. This course will examine techniques to develop Ajax applications. It will look at the underlying techniques; explore client-side tools, and server-side tools.

ITE 510 – Advanced Data Communication and Computer Networks

Credit Hour: 3

Prerequisite: Graduate Standing

The course covers the advancements of communication networks and presents in depth some topics introduced in the first networking course such as advanced routing protocols, advanced congestion control techniques, and Quality of Service. In addition, this course provides an in-depth understanding of existing and emerging optical network technologies and includes: fiber optic communications, SONET/SDH, WDM, DWDM, and optical Ethernet. The course also covers new emerging networks such as sensor networks, MANETs, VANETs and their applications

ITE 520 – Mobile Application Development

Credit Hour: 3

Prerequisite: Graduate Standing

With the ever increasing proliferation of mobile devices such as smart phones and tablets, it becomes very pertinent for Information Technology professionals and students to learn how to write software for these devices. Mobile Applications are becoming one of the most popular ways to quickly reach millions of users. In this course students learn how to develop a variety of mobile applications. Android will be used as the development platform but other platforms can be considered by students and instructor whenever needed. The course covers the most relevant concepts and techniques for developing mobile applications. It introduces students to the basic components that define a mobile OS or platform and then moves to cover specific structures for building a mobile application. Topics such as mobile user interface, storage organization, application life cycle and communication will be covered in details.

Master of Science in Mechanical Engineering

Core Courses

MEC 511 - Advanced Mathematics and Applied Statistics

Credit Hours: 3

Pre-requisite: Graduate Status

This course focuses on mathematical formulation and analysis of Mechanical engineering processes and systems, including initial and boundary value problems. The course will include matrices and vectors, system of equations, ordinary and partial differential equations, and complex variables. Mathematical methods such as separation of variables, Laplace transformation, Fourier transformation, integral transformation, orthogonal functions and Bessel functions will be covered. Applications to structural analysis, fluid mechanics, Heat transfer and dynamical systems to practical mechanical engineering problems are demonstrated.

MEC 513 - Advanced Fluid Mechanics

Credit Hours: 3

Pre-requisite: Graduate status

Review of vectors, tensors, tensor notation, vector and tensor calculus, stresses in fluids, and Eulerian and Lagrangian viewpoints. Study the fundamental concepts and equations of fluid mechanics and conservational laws in a unified vector/tensor approach. Develop conservation of mass, momentum, and energy laws and examine their properties. Analyse boundary layer flows, potential flows, and introduce transition to turbulence and turbulent flows.

MEC 515 - Linear Elasticity

Credit Hours: 3

Pre-requisite: Graduate status

Stress and strain in three dimensions, fundamental field equations of linear elasticity; deformation: displacements, strains and compatibility; equilibrium; three dimensional Hooke's law; energy methods and related principles; two-dimensional problems in elasticity; stress function solutions in Cartesian and Polar coordinates; torsion of prismatic and thin-walled members; stresses in thick and thin-walled pressure vessels and rotating discs; linear elastic fracture mechanics; anisotropic elasticity. Ethical and autonomous learning techniques will be employed throughout the course where relevant.

MEC 522 - Advanced Heat Transfer

Credit Hours: 3

Pre-requisite: Graduate status

Review of fundamentals of heat transfer modes (conduction, convection, radiation). Steady State conduction with internal heat generation. Solution of 2-D conduction and fins problems. Laminar Boundary layer concepts and solution of Laminar and turbulent convection problems. Different forms solutions for heat exchangers. Black body and gray surface radiation exchange. Boiling and condensation heat transfer.

MEC 524 - Finite Element Applications in Solid Mech and Heat Transfer

Credit Hours: 3

Pre-requisite: Graduate status

The course provides a brief review of basic FE in solids and builds on the knowledge gained in the introductory course in FEA. The course expands on the theory of variational and weighted residual methods and their use in formulating the FE equations for general PDE's. The course provides theoretical treatment for the formulation of isoparametric and special elements and their applications in engineering problems. Various types of elements, singularity elements and extended FE will be discussed. The numerical methods for spatial and time integration, solution of linear algebraic equations, and the evaluation of eigenvalues will be introduced. Application in solid mechanics will include elastic problems and linear elastic fracture mechanics problems. In each application area the basic governing equations will be outlined and methods of their finite element formulation will be discussed.

MEC 526 - Renewable Energy

Credit Hours: 3

This course introduces the basic technical and economic criteria to design efficient energy conversion processes of the traditional as well as renewable energy systems. The course discusses design strategies to increase energy efficiency and more green operation. This introduces also spectrum of the most used energy systems and design and selection criteria based on long-term economic viability and overall energy management strategies

Technical Electives

MEC 551 - Computational Fluid Dynamics (CFD) & Heat Transfer (HT),

Credit Hours: 3

Pre-requisite: Graduate status

The course provides a brief review of

the variational, residual methods and Galerkin FE formulation methods, and then develops the Galerkin formulation in the application of conduction heat transfer with radiation and convection boundary conditions. Both steady state and transient conditions will be considered. Direct time integration schemes, treatment of nonlinearities, accuracy and convergence characteristics will be discussed. In the second area of application, the course provides a unified theoretical treatment for the formulation of the finite element, finite volume and finite difference methods in fluid dynamics. The formulation is presented for general engineering problems in incompressible fluid mechanics and convection diffusion analyses. The course is aimed at giving students an overview of the use, limitations and applications of various numerical techniques in the above fields. The use of a commercial program (ANSYS, FLUENT) in a project type of work will provide the students with an overview of the capabilities and limitations of such programs available in the market. Ethical and autonomous learning techniques will be employed throughout the course where relevant.

MEC 552 - Mechanical Design Optimization

Credit Hours: 3

Pre-requisite: Graduate status

General mathematical model of optimum design problems; formulation of optimal design mechanical problems, Graphical optimization; Review of calculus concepts: gradient vector, Hessian matrix and quadratic forms; unconstrained and constrained problems, inequality constraints and Karush-Kuhn-Tucker (KKT) conditions; linear programming methods for optimum design; steepest descent method, search and quasi-Newton methods, finite element formulation for optimal design problems, optimal design of mechanical dynamic systems, design sensitivity analysis; introduction to genetic algorithms and particle-swarm techniques; applications.

MEC 553 - Online Condition-based Monitoring of Rotating Equipment

Credit Hours: 3

Pre-requisite: Graduate status

This is a first course in online condition health monitoring aiming at introducing basics of monitoring techniques and the use of vibration and acoustic measurements in online monitoring of rotating equipment. The course covers the following topics: Review of basic vibrations concepts; Overview of condition monitoring systems; Vibration transducers; Vibration signals from rotating machines; Basic signal processing techniques: Fourier and fast Fourier transforms, Time-frequency analysis and wavelet transforms; Diagnostic techniques; Rolling elements bearings faults and detection; Journal bearing analysis, stability and monitoring; Inverse analysis for crack detection, crack size estimates and remaining safe life.

MEC 554 - MEMS (Microelectromechanical Systems)

Credit Hours: 3

Pre-requisite: Graduate status

This course introduces the fundamental engineering knowledge of MEMS (Microelectromechanical Systems). The students will also learn about the nano-materials and smart materials and their operation characteristics and limitations. In this course fabrication technique of the MEMS components is provided with concentration on the key components including actuation transducers and microfluidic chips. The students will be expected to employ the course knowledge by participating in design project of MEMS system

MEC 555 - Bio-Materials

Credit Hours: 3

Pre-requisite: Graduate status

This course introduces the science and engineering of Biomaterials. The introduced biomaterials are: metals, ceramics, polymers, composites. The structure and properties of biomaterials and the biologic tissues will be studied. Specific implant applications including biocompatibility will be addressed.

MEC 556 - Solar Energy

Credit Hours: 3

Pre-requisite: Graduate status

This course will focus on fundamentals of solar energy conversion, solar cells, optical engineering, photoelectrochemical cells, thermoelectric generators, and energy storage and distribution systems. The course covers solar energy insolation and global energy needs, current trends in photovoltaic energy engineering, solar cell material science, design and installation of solar panels for residential and industrial applications and connections to the national grid and cost analysis of the overall system. In addition, basic manufacturing processes for the production of solar panels, environmental impacts, and the related system engineering aspects will be included to provide a comprehensive state-of-the art approach to solar energy utilization.

MEC 557 - Advanced Mechatronics

Credit Hours: 3

Pre-requisite: Graduate status

This course aims to introduce the students to the design and analysis techniques of mechatronic systems with key focus on the biomedical technology. Students will learn how to integrate mechanical and electromechanical systems by utilizing a commodity

microcontroller. The Design and analysis of the fundamental mechatronic system will enable the students to integrate the sensing and actuation components with the microcontroller and generate advanced mechatronic workstation. The medical mechatronics concepts are reinforced through computer design and simulation using MATLAB toolbox.

MEC 558 - Computer Aided Analysis of Multi-Body systems

Credit Hours: 3

Pre-requisite: Graduate status

This course will cover the kinematics, dynamics, and analysis of flexible mechanisms. It also cover the constrained mechanical systems with flexible components, Numerical methods, Computer-Aided Analysis, Applications, Large scale deformable bodies, Finite element method, and Constrained motion of interconnected rigid and deformable bodies. It will introduce coordinate reduction, computational methods, and applications using computer software, e.g. ADAMS

MEC 559 - Design of Robotics Manipulator

Credit Hours: 3

Pre-requisite: Graduate status

This course aims to provide the student with advanced kinematics concepts and it is application to the design, analysis and control of robotic manipulators. It focuses on studying the kinematic synthesis of planar linkages and Higher-order precision point and approximate synthesis. Also it focuses on studying function, and path-angle problems, spatial kinematics and coordinate transformation. It will also introduce the learner to forward and inverse kinematics of articulated mechanical arms, rigid body motion and dynamics of robots, Trajectory generation, and robot control.

MEC 560 - Production Systems Operations

Credit Hours: 3

Pre-requisite: Graduate Status

This course which deals with analytical principles of manufacturing systems design, analysis and control; emphasis placed on stochastic analysis; role of variability and impact on cycle time; push versus pull production strategies including Kanban and constant WIP control; probability, queuing theory, Little's Law, heavy traffic approximation and queuing networks.

MEC 561 - Dynamics of Mechanical Systems

Credit Hours: 3

Pre-requisite: Graduate Status

This course will include studying the concepts of Degrees of freedom, generalized coordinates, principle of virtual work, D'Alembert's Principle, Lagrange's Equation, and Hamilton's Principle both in planar and spatial motion to develop equations of motion and Newton-Euler equations for rigid bodies.

MEC 562 - Transport Phenomena in Porous Media

Credit Hours: 3

Pre-requisite: Graduate Status

This graduate course is intended as advanced course in the field of transport phenomena in porous media. Fluid flow, heat and mass transfer play a major role in different engineering discipline such as in civil in the area of concrete corrosion, chemical in petroleum industries, biomedical in flow in lungs and bones and in mechanical engineering such as in filters. This course will give the student a strong knowledge of porous media and its application. The course will cover different applications in the Mechanical engineering field.

MEC 563 - Advanced Thermodynamics

Credit Hours: 3

Pre-requisite: Graduate Status

This course of Advanced Thermodynamics presents in-depth theories of thermodynamics. A review study of the fundamental concepts and laws of classical thermodynamics is presented . The course also includes: the application of fundamental thermodynamics laws to thermal systems; second-law analysis, and the concept of exergy and its usefulness in optimizing thermal systems; introduction to chemical thermodynamics, and phase and chemical equilibrium; thermodynamics of combustion systems, heat transfer associated with combustion reactions, and equilibrium composition of the products of combustion.

Master of Science in Artificial Intelligence

MAI502 - Advanced Research Communication

Credit Hours: 3

Pre-requisite: Graduate-Standing

This course teaches advanced written and oral communication skills to graduate students. It covers the fundamentals of research including methodologies, and ethics. The curriculum integrates modern digital tools like LaTeX and Grammarly to enhance writing and presentation skills. The course also covers data collection methodologies and statistical evaluation techniques. Key projects include a detailed literature review, developing an original research paper, and preparing a grant application to allow students to communicate complex information effectively. Additionally, students will learn to utilize academic databases for research and publication, adopt academic writing techniques, and apply proper citation methods. The course culminates in practical presentations, both oral and poster, allowing students to demonstrate their research findings publicly. Through these activities, students will gain essential skills in presenting their work in academic and professional settings.

MAI503 - Advanced Analysis and Computing

Credit Hours: 3

Pre-requisite: Graduate-Standing

This course covers advanced analytical and computing tools and techniques used in modern professional practice. Students learn both the theory and practical application of the covered topics through MATLAB. These topics include linear algebra, numerical differentiation and integration, and advanced matrix operations. It extends to more complex topics such as Fourier Transform techniques, nonlinear equations, optimization methods, and differential equation solving, including both ordinary and partial differential equations. The practical application of these techniques is demonstrated through targeted labs and projects, emphasizing real-world scenarios such as image interpolation, energy optimization, and system analysis. The curriculum culminates with a focus on probability, random variables, statistical analysis, and the Central Limit Theorem, preparing students for advanced problem-solving in research and professional practice.

MAI605 - Artificial Intelligence Ethics and the Society

Credit Hours: 3

Pre-requisite: Graduate-Standing

This course surveys relevant philosophical discussions and questions about the fundamental differences between humans and machines, and debates over the moral status of AI. It offers context through the exploration of AI technology and its approaches, focusing on machine learning and data science. The course then uses this context to discuss important ethical issues, including privacy concerns, responsibility and the delegation of decision-making, transparency, and bias. The course also provides students with the opportunity to discuss the future of work in an AI economy and the challenges for policymakers in adopting AI. Students will learn to analyze these issues critically and will work on a team project to develop an AI strategy for a hypothetical business, enhancing their skills in technical reporting.

ITE504 - Data Science and Big Data Analytics

Credit Hours: 3

Pre-requisite: Graduate-Standing

This course in Data Science and Big Data Analytics introduces students to the essential techniques for managing, processing, and analyzing vast and complex data sets from various sources, including social media, web applications, and IoT devices. It starts with the fundamentals of Big Data, covering the 5-Vs characteristics and addressing challenges in data acquisition, storage with HDFS and NoSQL, and preprocessing. Students will learn to implement Big Data processing with Hadoop and Apache Spark, explore cloud computing platforms such as AWS, Azure, and GCP, and apply machine learning to large data sets. The course emphasizes practical skills in data visualization, real-time analytics, and the application of Big Data in fields like smart grids and bioinformatics. Through hands-on assignments and projects, students will design and develop effective Big Data solutions, preparing them for advanced roles in Big Data analytics.

MAI540 - Advanced AI and Machine Learning

Credit Hours: 3

Pre-requisite: MAI503

This course builds on statistical inference, probability, differential calculus, and linear algebra concepts to equip students with advanced knowledge and skills of artificial intelligence and machine learning concepts and algorithms. During this course, students design and construct an end-to-end artificial intelligence and machine learning project and demonstrate mastery of AI methods including their mathematical model formulations and search and optimization techniques. Additionally, this course will cover different types of advanced feature extraction

techniques. Advanced unsupervised and supervised (classification and regression) models are discussed in depth. The course trains students on using Python and MATLAB machine learning libraries and toolboxes for implementing advanced AI and machine learning systems applications.

MAI590 - Advanced Deep Learning Applications

Credit Hours: 3

Pre-requisite: MAI540

This course covers advanced concepts and applications of deep neural networks, including training techniques, regularization methods, and optimizers. Students will study deep learning using Convolutional Neural Networks (CNNs) with architectures like LeNet-5, AlexNet, VGGNet, GoogleLeNet, and ResNet, as well as practical applications in image classification and object detection. The course covers essential topics like backpropagation, transfer learning, and handling overfitting using dropout layers and L1/L2 regularization. In addition, the course introduces advanced models such as Recurrent Neural Networks (RNNs), Autoencoders, and Generative Adversarial Networks (GANs). Students will work with TensorFlow to customize models and handle data preprocessing tasks. The curriculum also includes modern techniques like Capsule Networks and deep reinforcement learning, culminating in the study of Explainable AI to enhance model transparency. Through hands-on labs and a project, students will develop practical skills in implementing and applying these deep learning techniques.

MAI621 - Computer Vision and Image Processing

Credit Hours: 3

Pre-requisite: MAI503

In this course students are introduced to computer vision and image processing techniques, focusing on both foundational and advanced topics. The areas of study include digital image acquisition, representation, and color processing; 2-D and 3-D image transforms and point operations; image filtering techniques for edge detection and morphological operations; feature detection, image registration, and contour analysis; and image matching, transformations, and advanced local features like SIFT and MSER. Students will use MATLAB to implement these techniques in lab exercises and projects, applying their knowledge to develop solutions for real- world challenges such as background segmentation and object tracking. The course emphasizes practical applications in image analysis, encouraging students to work on collaborative projects, produce technical reports, and engage in research assignments to demonstrate their understanding.

MAI633 - Advanced Internet of Intelligent Things

Credit Hours: 3

Pre-requisite: MAI540

This course uses 8-bit microcontrollers in addition to Linux-based 32-bit microprocessors to design and implement advanced AI and computer-vision-powered embedded Linux applications. During this course, students will get introduced to OpenCV, state charts (with concurrency and composite states) for modeling and design of AI-powered IoT applications, as well as machine learning and computer vision implementations running on the Raspberry Pi such as Scikit Learn, Yolo, and TensorFlow Lite. They also learn how to integrate the Arduino and Raspberry Pi using the Firmata protocol. Advanced interfacing techniques are discussed theoretically in lectures and implemented practically in the labs and the project. At the end of the course, students are required to design and build AI embedded system with optimized latency and power by applying the knowledge gained throughout the course. They will learn the limitations of embedded systems and the need for machine learning algorithms with small memory footprints and processing needs. Lectures and labs will be used to ensure that the concepts of embedded systems for Artificial Intelligence are understood.

MAI642 - Artificial Intelligence in Medicine

Credit Hours: 3

Pre-requisite: MAI503

This course covers the computations methods for the medical image analysis. This course covers the theory of stochastic and geometric models of medical imaging. The students will be introduced to the basics of the stochastic image modeling techniques including intensity models, spatial interaction models, stochastic optimization algorithms and their applications in the stochastic image segmentations and restoration. Students will than explore the geometrical modeling techniques such as snakes, active contours, and segmentation, level sets methods, and total variation-based image segmentation. Throughout this course the students will build their knowledge about the image restoration (PDE-based image restoration, variation-based image restoration) and image registration (global transformation functions, local transformation functions, and similarity measures) techniques for the advanced computational analysis and design of Computer-Assisted Diagnostic (CAD) systems for medical problems. The emphasis is on understanding the underlying mathematics in a practical sense with the hand-on experience of the students with associated labs and homework assignments.

MAI675 - Autonomous Vehicles: Drones and Self-Driving Cars

Credit Hours: 3

Pre-requisite: MAI621

The objective of this course is to provide guided advanced experience in wide areas of artificial intelligence and computer vision to student teams working on a major design project. The labs and project will integrate various advanced skills into indoor self-driving car and autonomous drone prototypes. The labs and project will emphasize problem definition, design conceptualization, modeling, fabrication and system integration in software and hardware aspects. This course builds on concepts learned earlier coursework on vision, machine learning, and control to introduce students to practical autonomous vehicles technology. Topics include lane boundary detection, advanced object detection, convolutional neural networks (CNN) architectures for self-driving cars behavior cloning, sensor fusion, localization, planning, proportional–integral–derivative (PID) control, key components of indoor and outdoor UAVs, UAVs planning and control, aerial sensing and estimation, and video mosaicking.

MAI623 - Advanced AI-Powered Mobile Application Development

Credit Hours: 3

Pre-requisite: Graduate Standing

This course provides students with an advanced hands-on experience of recent advancements in mobile and Internet computing technologies and their applications. Students design multiple advanced mobile and Progressive Web Applications (PWAs). The course begins by covering technologies including Android MLKit, CameraX, and Ionic and use them to develop AI-powered features in addition to navigation, persistence, and localization. Students also experience integration of advanced services for machine learning and computer vision by off-loading, external API access, and on-device implementation. Students also learn how to externally train and import AI models to mobile applications. Students work on utilizing AI services to solve complex problems from different domains.

MAI606 - Artificial Intelligence in Education

Credit Hours: 3

Pre-requisite: Graduate Standing

This course explores advanced applications artificial intelligence and machine learning in education. Students design and use artificial intelligence tools to enhance teaching, learning, and assessment. The course covers different advanced use cases including students' emotion and cheating behavior detection, student performance prediction, educational content recommendation, authorship attribution, AI-powered educational mobile apps, and AR and VR in education. The course uses Python and MATLAB for hands-on experiences.

MAI691A - Thesis in Artificial Intelligence

Credit Hours: 3

Pre-requisite: 15 Credit Hours

This course is amendatory requirement for all Masters' students. The thesis consists of two successive courses A and B. The purpose of the thesis is to complete individually a research capstone project in the field of electrical engineering to culminating the student experience and validate them as Masters Practitioners. Moreover, the student should implement and use their gained experience to complete and publish research work. In the first part (ECE691A) the students are expected to select and advisor, write a proposal and defend their proposal successfully. While in the second part (ECE691B) students are expected to get to complete their thesis work including defending it successfully and submit at least one original journal paper or multiple quality conference papers for publication.

MAI691B - Thesis in Artificial Intelligence

Credit Hours: 6

Pre-requisite: MAI691A

This course is amendatory requirement for all Masters' students. The thesis consists of two successive courses A and B. The purpose of the thesis is to complete individually a research capstone project in the field of electrical engineering to culminating the student experience and validate them as Masters Practitioners. Moreover, the student should implement and use their gained experience to complete and publish research work. In the first part (ECE691A) the students are expected to select and advisor, write a proposal and defend their proposal successfully. While in the second part (ECE691B) students are expected to get to complete their thesis work including defending it successfully and submit at least one original journal paper or multiple quality conference papers for publication.

MAI635 - Special Topics in Artificial Intelligence

Credit Hours: 3

Pre-requisite: Graduate Standing

This course will include advanced topics of contemporary interest in selected areas of artificial intelligence Engineering. Particular topics vary from term to term depending on the interests of the students and the specialties of the instructor.

MAI202PC - Introductory Artificial Intelligence

Credit Hours: 3

Pre-requisite:

This course introduces students to concepts, techniques, and applications of Artificial Intelligence

(AI). Topics covered include Artificial Intelligence, Problem-solving, Deep Learning, Reinforcement Learning, and Natural Language Processing. Students connect theoretical concepts learned in the course to practice using hands-on laboratory experiences covering Integration of Player vs. Player GUI and Unbeatable Tic Tac Toe using Minimax Algorithm, GUI Implementation of Connect 4 Game with Difficulty Levels, and Family Tree Representation and Querying using Prolog. The course has a project. In this project, students work teams using PyCharm, MATLAB, and Prolog to design a AI-based Solution to the Knight Tour Problem and communicate their experience using presentations and reports. Students will also analyze the impact of Artificial Intelligence (AI) on society, the environment, and the economy.

MAI201PC - Programming for AI

Credit Hours: 3

Pre-requisite:

This course introduces students to concepts, techniques, and applications of Machine Learning (ML). Topics covered include data structures, training and testing, performance assessment, classification, and regression. Students connect theoretical concepts learned in the course to practice using hands-on laboratory experiences covering Regression from scratch using numpy, Classification comparison using sklearn, Image classification using Keras and pytorch. The course has a project. In this project, students work teams using PyCharm, Scikit Libraries, and PyTorch to design a deep learning image classifier and communicate their experience using presentations and reports.

Master of Science in Cybersecurity

Core Courses

CSE 501 – Cryptography and Network Security

Credit Hours: 3

Pre-requisite: Graduate Status

This course provides a clear and practical approach of both the principles and practice of crypto-protocols and network security. The emphasis is on applications that are widely used on the Internet for corporate networks. Topics covered in this course include network security concepts such as data integrity, confidentiality, and availability. The course will also cover other important topics related to network security, such as encryption (symmetric and asymmetric), cryptographic hash functions, message authentication, digital signatures, key management and distribution, firewalls, IP security, email security and cloud security.

The practical component of this course will provide the students with the skills to install, troubleshoot and monitor network devices to maintain integrity, confidentiality, and availability of data. The course concludes upon the topic of legal and ethical aspects of computer security including cybercrime, intellectual property, privacy, and ethical issues

CSE 502 – Security Risk Assessment and Auditing

Credit Hours: 3

Pre-requisite Graduate Status

The aim of this course is to provide students with an overview about security risk management, functions, mechanisms, and auditing. The course will expose students to the latest and recent techniques for securing information and its systems, through understanding the best practices of management policies, procedures, methods and how to apply the best auditing practices using variety of auditing tools and related technologies. Moreover, the course will help students to apply audit tools, and audit procedures to help in detection and prevention of security breaches and frauds. Students will be able to apply full risk management activities for information and systems under risk.

Students will have in depth view of physical and infrastructure security through identifying, prevention, and mitigating such threats. Tools such as IDS, IPS, firewalls, ACLs and different network types of protections, including remote and wireless communications. Human resources security is also introduced in this course to show the different policies that need to be implemented. In this course, students should become familiar with all legal and ethical aspects that help them to conduct proper risk assessments and security auditing and to understand that the strongly bonded these elements for successfully carrying out security risk assessments in this digital age.

CSE 511 – Advanced Ethical Hacking and Penetration Testing

Credit Hours: 3

Pre-requisite: Graduate Status

This course introduces the fundamental concepts of ethical hacking methodology, practical techniques, and ethics. The focus of the course is to introduce students to the methodology and tools necessary in order to assess the security posture of the system under study. The course utilizes Kali-Linux and many other software tools that are usually used by a malicious hacker to study the weaknesses and vulnerabilities of a target systems.

In this course the students study the main phases of ethical hacking and penetration testing, including reconnaissance, scanning, enumeration, gaining access, maintaining access, and covering the tracks. The course covers other topics related to hacking such as: malware, sniffers, and social engineering. In addition, the course introduces the students to various types of security attacks such as: denial of service, session hijacking, SQL injection, and attacks on Web servers and applications

CSE 512 – Advanced Cyber Digital Forensics

Credit Hours: 3

Pre-requisite: Graduate Status

The main purpose of this course us to emphasize the fundamentals and importance of digital forensics. Students will learn different procedures and techniques that will enable them to perform a digital investigation. Students will develop an understanding of the fundamentals associated with the topologies, protocols, and applications required to conduct forensic analysis in a net-work environment. Students will learn data acquisition and duplication techniques using different forensic tools to acquire the evidence from hard disks and different file systems. Students will learn how to conduct computer, network, web, database, mobile, cloud and malware forensics. They will also learn the importance of legal considerations, digital evidence controls, and documentation of forensic procedures. This course will incorporate demonstrations and laboratory exercises to reinforce practical applications of course.

CSE 530 – Advanced Selected Topics in Cybersecurity

Credit Hours: 3

Pre-requisite: Graduate Status

The course aims to provide students with an advanced knowledge of Cybersecurity. Topics may include design and implementation of advanced cryptosystems for high-performance applications such as low power mobile devices, cryptographic protocols for secure online computation applications such as evoting. We will cover advanced hacking techniques, complete computer system penetration testing and defenses. Further topics may include advanced wireless network security, enterprise security architectures, mali-cious code detection and prevention systems, defense systems in depth, advanced software security, virtual system and cloud computing security, and emerging technologies such as quantum computing and cryptography. Students will do practical exercises and tasks throughout the unit. The content of the course and the subjects vary depending on the market demand, instructor back-ground and students' interest in the subject.

ITE 503 – Research Methods and Communications

Credit Hours: 3

Pre-requisite: Graduate Status

The main purpose of the Research Methods and Communications Course is to introduce students to the process of scientific research and equip them with the necessary knowledge and tools to formulate research problems, evaluate related research works, and design a suitable research methodology as well as communicate their ideas effectively through different mediums in a scientifically convincing manner. The course starts by defining scientific research and identifying its essential elements, then takes the students through a progressive journey through the different scientific research phases such as problem formulation, literature review, and methodology design. Several class activities relevant to weekly topics are planned to ensure a balance between theory and practice. In doing so, students will learn methods for critically reading research papers, identifying research gaps, selecting interesting research topics, formulating research questions, planning research methodology, and discussing and communicating research results in a convincing way. Several research tools are presented to the students such as LaTeX, Mendeley, and SciVal through practical tutorial sessions.

Elective Courses

ITE 501 – Cloud Computing

Credit Hours: 3

Pre-requisite: Graduate Status

Cloud computing provides highly elastic scalability in delivery of enterprise applications. This course provides comprehensive knowledge about cloud computing concepts and capabilities across various Cloud service models including Infrastructure as a Ser-vice (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS). This course will introduce students to basic concepts and principles of cloud computing. The students will learn new programming paradigms such as Node.js, JavaScript, REST API and benefits and challenges as well as tradeoffs for using the cloud services. The course will teach students how to utilize the cloud services such IBM Cloud and Amazon (AWS). Other topics such as programming models (MapReduce and Hadoop), virtualization, storage, and distributed file systems will be covered as well

ITE 504 – Big Data Analytics

Credit Hours: 3

Pre-requisite: Graduate Status

This Big Data course focuses on managing and processing, storing, and modeling massively large, versatile, continuous, and heterogeneous data retrieved from different sources including, for instance, sensors, social media,

web applications, ERP systems, mobile applications, transportation systems, and others. Acquiring, storing, processing, modeling, and visualizing this data encompass various methods/techniques with many challenges to be considered. The course walks the students through the Big Data process starting from data acquisition, and moving to storage, processing, analytics, and visualization. Throughout the course the students will learn the concepts, techniques, tools, and frameworks required to handle Big Data throughout the Big Data process. Finally, by completing this course, students will be able to design and develop a Big Data solution using the techniques, methods, and technologies introduced throughout the course.

ITE 510 – Advanced Data Communication and Computer Networks

Credit Hours: 3

Pre-requisite: Graduate Status

The course covers advanced communication networks and presents in depth some topics such as advanced routing protocols, advanced congestion control techniques, Quality of Service, VPN Networks and Tunneling Protocols, and network management. The course also covers recent research work for securing networks. In addition, this course provides an in-depth understanding of existing network technologies such sensor networks, MANETs, VANETs and their applications. The course also covers new emerging networks such as SASE, IoT/Edge Networks, 5G and its successor 6G, etc.

ITE 515 – Artificial Intelligence

Credit Hours: 3

Pre-requisite: Graduate Status

This course provides a comprehensive introduction to artificial intelligence. It is intended to equip the students with theoretical and hands-on practical knowledge necessary to analyze and understand different aspects related to modern AI systems. Topics covered include intelligent agents' design, search and optimization algorithms, machine learning (ML), deep learning (DL), natural language processing (NLP), and recommender systems (RecSys). The course utilizes variety of learning and assessment tools including practical labs, case-study analysis, and research paper writing. By completing this course, the students will be able to analyze the requirements for real-life AI systems, design them using the Rational Agent Design Framework, implement them by applying advanced learning, search, or optimization algorithms, and evaluate them using different evaluation tools and techniques presented in the course.

Thesis Requirements

CSE 591A & B – Master's Thesis in Cybersecurity

Credit Hours: 9

Pre-requisite: 15 Credits

Thesis is a comprehensive integrated project that brings together knowledge, skills, and competencies developed during the program. Thesis requirements: (a) the thesis should exhibit elements of creativity, initiative and independent thinking; (b) involve both knowledge gained through coursework and skills acquired during the conduct of the M.Sc. thesis research; (c) demonstrate the ability to carry out a major piece of work according to sound scientific and engineering principles; (d) organize work in a comprehensive and well-structured report, and (e) demonstrate the ability to defend assumptions, methodology, and significance and impact of work. The thesis consists of two successive courses A and B. In the first part (CSE591A) the students are expected to select an advisor, write a proposal and defend their proposal successfully. While in the second part (CSE591B) students are expected to complete their thesis work including defending it successfully and submitting at least one original conference/journal paper for publication.

PhD in Intelligent Systems Engineering

Core Courses

DEN701 – Advanced Probability and Stochastic Processes

Credit Hours: 3

Prerequisite: Graduate status

This course provides an advanced exploration of probability and stochastic processes, emphasizing their applications in modern engineering and scientific fields. Topics include probability theory, discrete and continuous random variables, probability distribu-tions, joint distributions, and statistical inference methods. Students will gain in-depth knowledge of random processes, including stationary and Gaus- sian processes, as well as their applications in signal processing and communication systems. The course highlights the role of probability in modeling, analysis, and decision-making under uncertainty, equip- ping students with skills to solve real-world problems. Research-focused projects will enable students to design and evaluate stochastic models for complex systems, fostering a deeper understanding of their implications in engineering and scientific innovations.

DEN702 – Advanced Research Communication

Credit Hours: 3

Prerequisite: Graduate status

This course teaches advanced written and oral communication skills to graduate students. It covers the fundamentals of research including methodologies, and ethics. The curriculum integrates modern digital tools like LaTeX and Grammarly to enhance writing and presentation skills. The course also covers data collection methodologies and statistical evaluation techniques. Key projects include a detailed literature review, developing an original research paper, and preparing a grant application to allow students to communicate complex information effectively. Additionally, students will learn to utilize academic databases for research and publication, adopt academic writing techniques, and apply proper citation methods. The course culminates in practical presentations, both oral and poster, allowing students to demonstrate their research findings publicly. Through these activities, students will gain essential skills in presenting their work in academic and professional settings.

DEN703 – Advanced Analysis and Computing

Credit Hours: 3

Prerequisite: Graduate status

This course provides an in-depth study of advanced analytical and computational techniques utilized in professional and research environments. It emphasizes both theoretical foundations and practical implementation through MATLAB, covering advanced topics such as linear algebra, numerical differ- entiation and integration, matrix operations, and Fourier Transform techniques. The course progresses to complex methods, including solving nonlinear equations, optimization techniques, and differential equations, encom-passing both ordinary and partial differential equations. The course has a review paper, which involves a critical analysis of ad-vanced computational methods, and a project, which applies the covered techniques to solve complex real-world problems such as signal reconstruction, energy optimization, and system analysis. The students communicate their experience using presentations and research article-level reports.

DEN795 – Doctoral Seminar

Credit Hours: 3

Prerequisite: DEN702

This course, part of the PhD in Engineering program, is designed to support the development of dissertation research ideas while enhancing professional skills not typically covered in traditional coursework, such as teaching, effective communication, and knowledge dissemination. The course includes research paper preparation, presentations by students, invited speakers, and faculty members, as well as profes- sional development sessions. Students will explore current engineering research within the department and beyond, gaining exposure to diverse topics and interdisciplinary approaches. Invited speakers will share insights into their work, discussing challenges, research methodologies, innovative strategies, and data analysis techniques. Through these activities, stu-dents will develop critical skills for engineering careers, gain a broader understanding of the field, and prepare for roles in academia and industry.

Elective Courses

DEN790 – Advanced Deep Learning Applications

Credit Hours: 3

Prerequisite: Graduate status

This course covers complex deep learning frameworks including Multilayer Perceptrons (MLP), Con-volutional Neural Networks (CNN), and Recurrent Neural Networks (RNN). The curriculum further examines specialized models such as Generative Adversarial Networks (GANs) and Variational

Au- toencoders (VAEs), integrating practical assignments to reinforce theoretical concepts. The course culminates in a substantial research proposal, enabling students to apply their acquired skills towards innovative contribu-tions in artificial intelligence.

DEN775 – Advanced Intelligent Robots

Credit Hours: 3

Prerequisite: Graduate status

This course focuses on the in-depth application of artificial intelligence in robotics, covering topics such as advanced computational vision, signal processing, machine learning for robotics, and sensor fusion. It delves into the development and evaluation of adaptive control systems, machine perception, and intelligent communication networks essential for autonomous robotic operations. Students will conduct research to enhance the reliability and functionality of robotics in dynamic environments, focusing on ethical considerations and the societal impact of robotic technologies.

DEN733 – Advanced Edge AI

Credit Hours: 3

Prerequisite: Graduate status

This course focuses on the integration and optimization of artificial intelligence at the network edge, focusing on real-time computing frameworks and the intersection of AI with embedded systems through scholarly research and practical application. It delves into computation models, embedded operating systems, real-time systems, and middleware with an emphasis on research method-ologies for evaluating performance metrics, multi-objective optimization, and energy management in embedded AI applications. The course prepares students to conduct rigorous research and develop innovative solutions for AI deployment in edge, fog, and cloud architectures, aligning with advanced scholarly activities in the field.

DEN723 – Advanced Intelligent Software Development

Credit Hours: 3

Prerequisite: Graduate status

This course provides students with an advanced hands-on experience of recent advancements in mo- bile and Internet computing technologies and their applications. Students design multiple advanced mobile and Progressive Web Applications (PWAs). The course begins by covering technologies includ- ing Android MLKit, CameraX, and Ionic and use them to develop AI-powered features in addition to navigation, persistence, and localization. Students also experience integration of advanced services for machine learning and computer vision by off-loading, external API access, and on-device imple- mentation. Students also learn how to externally train and import AI models to mobile applications. Students work on utilizing AI services to solve complex problems from different domains

DEN721 – Advanced Intelligent Vision Systems

Credit Hours: 3

Prerequisite: Graduate status

This course provides an in-depth study of computer vision and image processing techniques, focusing on both foundational and advanced topics. The areas of study include digital image acquisition, rep- resentation, and color processing; 2-D and 3-D image transforms and point operations; image filtering techniques for edge detection and morphological operations; feature detection, image registration, and contour analysis; and image matching, transformations, and advanced local features like SIFT and MSER. Students will use MATLAB to implement these techniques in lab exercises and projects, apply- ing their knowledge to develop solu-tions for real-world challenges such as background segmentation and object tracking. The course emphasizes practical applications in image analysis, encouraging students to work on collaborative projects, produce technical reports, and engage in research assignments to demonstrate their understanding.

DEN735 – Special Topics in Intelligent Systems

Credit Hours: 4

Prerequisite: Graduate status

This course will include advanced topics of contemporary interest in selected areas of intelligent systems engineering. Particular topics vary from term to term depending on the interests of the students and the specialties of the instructor.

Research Dissertation

DEN799 – PhD Research Dissertation

Credit Hours: 30

Prerequisite: Completed 8 Credit Hours

The final and central requirement for awarding the Ph.D. degree in Engineering is the completion of a significant and original independent research project. This requirement is fulfilled through the production of a dissertation document that comprehensively details the research project, its methodologies, and results. The successful completion of this requirement is demonstrated by defending the dissertation before the Dissertation Committee, where the student addresses challenges and questions posed by the committee members. The quality and rigor of the dissertation, along with the student's ability to defend their findings, are evaluated by the Dissertation Committee to determine if the student has met the standards required for the Ph.D. degree in Engineering.

PhD in Engineering Management

Core Courses

DEN701 – Advanced Probability and Stochastic Processes

Credit Hours: 3

Prerequisite: Graduate status

This course provides an advanced exploration of probability and stochastic processes, emphasizing their applications in modern engineering and scientific fields. Topics include probability theory, discrete and continuous random variables, probability distribu-tions, joint distributions, and statistical inference methods. Students will gain in-depth knowledge of random processes, including stationary and Gaus- sian processes, as well as their applications in signal processing and communication systems. The course highlights the role of probability in modeling, analysis, and decision-making under uncertainty, equip- ping students with skills to solve real-world problems. Research-focused projects will enable students to design and evaluate stochastic models for complex systems, fostering a deeper understanding of their implications in engineering and scientific innovations.

DEN702 – Advanced Research Communication

Credit Hours: 3

Prerequisite: Graduate status

This course teaches advanced written and oral communication skills to graduate students. It covers the fundamentals of research including methodologies, and ethics. The curriculum integrates modern digital tools like LaTeX and Grammarly to enhance writing and presentation skills. The course also covers data collection methodologies and statistical evaluation techniques. Key projects include a detailed literature review, developing an original research paper, and preparing a grant application to allow students to communicate complex information effectively. Additionally, students will learn to utilize academic databases for research and pub-lication, adopt academic writing techniques, and apply proper citation methods. The course culminates in practical presentations, both oral and poster, allowing students to demonstrate their research findings publicly. Through these activities, students will gain essential skills in presenting their work in academic and professional settings.

DEN703 – Advanced Analysis and Computing

Credit Hours: 3

Prerequisite: Graduate status

This course provides an in-depth study of advanced analytical and computational techniques utilized in professional and research environments. It emphasizes both theoretical foundations and practical implementation through MATLAB, covering advanced topics such as linear algebra, numerical differentiation and integration, matrix operations, and Fourier Transform techniques. The course progresses to complex methods, including solving nonlinear equations, optimization techniques, and differential equations, encom-passing both ordinary and partial differential equations. The course has a review paper, which involves a critical analysis of ad-vanced computational methods, and a project, which applies the covered techniques to solve complex real-world problems such as signal reconstruction, energy optimization, and system analysis. The students communicate their experience using presentations and research article-level reports.

DEN795 – Doctoral Seminar

Credit Hours: 3

Prerequisite: DEN702

This course, part of the PhD in Engineering program, is designed to support the development of disser- tation research ideas while enhancing professional skills not typically covered in traditional coursework, such as teaching, effective communication, and knowledge dissemination. The course includes research paper preparation, presentations by students, invited speakers, and faculty members, as well as professional development sessions. Students will explore current engineering research within the department and beyond, gaining exposure to diverse topics and interdisciplinary approaches. Invited speakers will share insights into their work, discussing challenges, research methodologies, innovative strategies, and data analysis techniques. Through these activities, stu-dents will develop critical skills for engineering careers, gain a broader understanding of the field, and prepare for roles in academia and industry.

Elective Courses

DEN711 – Advanced Project Management

Credit Hours: 3

Prerequisite: Graduate status

This course offers an in-depth exploration of complex project management principles, emphasizing critical analysis and scholarly research. The curriculum covers a range of topics crucial for high-level project management, including organizational structures, conflict and risk management, and quality control, designed to enhance students' skills in strategic planning, evaluation,

and leadership in project-driven environments. This course prepares students to handle sophisticated, high-stake projects effectively, combining theoretical underpinnings with practical applications aligned with the demands of doctoral- level education.

DEN710 – Advanced Decision-Making Models

Credit Hours: 3

Prerequisite: DEN701

This course equips students with the tools to analyze and synthesize decision-making strategies, integrating normative and descriptive decision models. Through the structured examination of decision outcomes, clarity of action, and advanced probabilistic models, students learn to assess the value in decisions and refine decision quality using precise language and frameworks. The course also delves into economic valuation techniques, risk management strategies, and the practical application of decision rules. With a strong emphasis on applied learning, the course incorporates case studies and a research proposal to develop and demonstrate expertise in decision analysis, preparing students to handle complex, real-world decision-making challenges effectively.

DEN704 – Advanced Quality Engineering

Credit Hours: 3

Prerequisite: DEN701

This course covers process and product quality; quality assurance and standards (e.g., ISO9000); quality planning; quality control; quality metrics, quality tools, and techniques, statistical quality control for variables and attributes, sampling and quality audit, customer-defined quality and quality function deployment, as well as Six Sigma, lean systems, and process improvement. This course also covers some statistical approaches that are useful to Quality Engineering. The case studies and assignments are key components of this course. These include quality systems design and management, application of effective design for quality management standards, tools, and techniques in real-world organizations. Issues related to sampling and quality audits and implementing and validating quality systems will be emphasized. The knowledge and skills acquired in this course will be applied in a term case study.

DEN706 – Advanced Operations Research and Simulation

Credit Hours: 3

Prerequisite: DEN703

This course covers computer simulation concepts and operations research modeling techniques, including problem formulation and discrete event simulation modeling. It include the formulation of mathematical models, solutions using linear programming, sensitivity and cost analysis of developing alternative optimum solutions, transportation and network analysis, forecasting and stochastic modeling. The course includes case studies related to the topic and a term project. It also applies the concepts and principles associated with systems modeling and simulation using contemporary simulation software ARENA.

DEN709 – Advanced Information Technology Management

Credit Hours: 3

Prerequisite: DEN703

This course develops an understanding across organizations of tight relations that exist in the devel- opment, implementation and application of information and communication technologies. It covers technologies that drives the fourth industrial revolution which will change businesses, reshape business models, and transform entire industries. These technologies will change how we run our businesses, what jobs we will do, and many other aspects of how we function as a society. Therefore, in this course foundational technologies, and technologies that overlap with or use foundational technologies are covered. The main goal is to discuss the key technologies and applications that are having the biggest impact on businesses today and the medium-term future and how to effectively and efficiently manage them.

DEN751 – Advanced Operations and Supply Chain Management

Credit Hours: 3

Prerequisite: Graduate status

This course covers the major issues in operations and supply chain management including Location, Inventory, Forecasting, Transportation and Distribution in different types of organizations. It covers the role of advances in Internet Technologies and Electronic Commerce in coordinating the supply chain of a product from the point of origin to the point of consumption. At the end of this course students should be familiar with the individual components of operations and supply chain and their interrelationships. Students will develop the quantitative and analytical skills to analyze, model and solve supply chain problems. The course is based on a mixture of lectures and case discussions.

Research Dissertation

DEN799 – PhD Research Dissertation

Credit Hours: 30

Prerequisite: Completed 8 Credit Hours

The final and central requirement for awarding the Ph.D. degree in Engineering is the completion of a significant and original independent research project. This requirement is fulfilled through the production of a dissertation document that comprehensively details the research project, its methodologies, and results. The successful completion of this requirement is demonstrated by defending the dissertation before the Dissertation Committee, where the student addresses challenges and questions posed by the committee members. The quality and rigor of the dissertation, along with the student's ability to defend their findings, are evaluated by the Dissertation Committee to determine if the student has met the standards required for the Ph.D. degree in Engineering.

COLLEGE OF HEALTH SCIENCES

Master of Science in Clinical Psychology and Mental

PSYCL02-PC (Precore) - oundations of Biological Psychology and Physiological Psychology

Credit Hours: 3

Prerequisite: No Prerequisite

Biological Psychology is the study of the brain, behavioral neuroscience, and psycho-physiological underpinnings to human existence. During this course, students will be introduced to this dynamic field, which investigates the brain, its structure and function, and the ways in which the brain drives behaviors. Students will also learn about the nervous system, endocrine system and other physiological process in the body that lead to the mind-body dynamics.

PSYCL07-PC (Precore) - Foundations of Clinical Psychology and Mental Health

Credit Hours: 3

Prerequisite: No Prerequisite

Introduction to Clinical Psychology is an experiential course to explore the fundamental concepts in the field of clinical psychology, which includes, history and evolution of the field, ethical practices, clinical assessments, diagnosis, and treatments of clinical conditions. This course will give you an insights on the overarching view of clinical psychology, and discuss its current psycho-social implementation, aims, and criticisms.

PSYCL11-PC (Precore) - Abnormal Psychology and Mental Health Disorders

Credit Hours: 3

Prerequisite: No Prerequisite

This is a foundational course to study the basics of mental disorders, its origins, diagnosis, and possible treatments. The course will cover introductory level definitions, historical course of development of the field, basics of psychopathology, and its theoretical models**.** Students would also discuss diagnosis and possible intervention plans of various psychological disorders.

CLP524 - Think like a Psychologist – Advanced Clinical Psychology

Credit Hours: 3

Prerequisite: No Prerequisite

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP525 - Ethics in Clinical Psychology Practice

Credit Hours: 3

Prerequisite: No Prerequisite

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP526 - Advanced Clinical Research Methods (Quantitative and Qualitative)

Credit Hours: 3

Prerequisite: CLP526

dvanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP528 - Advanced Statistical Analysis and Clinical Research

Credit Hours: 3

Prerequisite:CLP526

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP630 - Advanced Clinical Psychotherapy for Adults

Credit Hours: 3

Prerequisite: CLP527

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP550 - Clinical Psychology internship 1 (Clinic/Hospital Unit)

Credit Hours: 3

Prerequisite: CLP524, CLP527

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP690 - Designing and Submission of Clinical Research Thesis Proposal

Credit Hours: 3

Prerequisite:CLP528, Finishing 24 CH

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP529 - Advanced Clinical Psychotherapy for Children

Credit Hours: 3

Prerequisite: CLP527

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP527 - Clinical Psychopathology, Clinical Diagnosis, and Treatments

Credit Hours: 3

Prerequisite: CLP524, CLP525

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP631 - Health Psychology and Mental Health

Credit Hours: 3

Prerequisite: CLP529, CLP630

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP650 - Clinical Psychology internship 2 (Clinic/Hospital Unit)

Credit Hours: 3

Prerequisite: CLP550, CLP529, CLP630

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical psychology.

CLP699 - Clinical Research Thesis

Credit Hours: 3

Prerequisite: CLP690

Advanced course in Clinical Psychology is a deeper dive into the the knowledge, mindset, and skills required to be a practicing clinical psychologist. Students will learn about themselves, and then extend that learning in the clinical setting. The course takes students through advanced level theoretical knowledge and skills in the field of clinical Psychology.

Master of Science in Public Health

Degree Requirements

MPH 501 - Public Health Dimensions

This course addresses the diverse profession of public health, and health promotion and education. Varied public health concepts including political factors, socioeconomic influences, racial and ethnic considerations, gender-based aspects, health care factors, and institutionalized bias will be discussed. The course emphasizes essential skills in critical thinking, group processes, and communication skills. Student groups will complete an analysis of a broad range of current public health problem and provide recommended courses of action. Students will explore, critically evaluate, and discuss the existent literature in each of these areas, and will be evaluated on group work, presentations, and examinations Evaluation includes individual and group participation, an individual written critique and other written assignments, a group paper, exam and a group presentation.

MPH 502 - Environmental Health Sustainability

Credit Hours: 3

This course explores the critical relationship between environmental health and sustainability in the context of public health. Students will examine key environmental issues, policies, and practices that influence health outcomes. Topics include climate change, waste management, water and air quality, sustainable development, and environmental justice. Through lectures, case studies, and practical applications, students will gain the knowledge and skills to develop sustainable solutions that enhance public health

MPH 503 - Public Health Education Program Planning and Evaluation

Credit Hours: 3

Pre or Co-requisites: MPH501, MPH502

Since careful planning and evaluation of public health programs represent needed competencies for public health professionals, this course discusses the process for developing, implementing, and evaluating successful community health promotion programs. The course is designed to provide students with a basic understanding of implementing public health programs and evaluate their effectiveness. It will allow for developing culturally competent public health programs aimed at addressing important health issues affecting communities at the local, national, and international levels, and providing the skills necessary to develop program and evaluation plans.

Students will learn the process of public health programming including assessment, design, planning, and implementation, and evaluation. Students will also discuss and practice skills for building effective teams and accomplishing individual and group objectives through teamwork. The course will also include an overview of effective public health interventions using the socio-ecologic framework (individual/behavioural, environmental/social/community and policy) as a foundation to explore various levels of interventions..

MPH504 - Integrated Healthcare Economics and Policy

Credit Hours: 3

Pre or Co-requisites: MPH501, MPH502

This course merges the fundamental principles of healthcare economics and health policy to provide an integrated perspective for public health professionals. Students will explore economic theories and their application to healthcare systems, resource allocation, cost-effectiveness, and health financing. In addition, the course covers the development, implementation, and evaluation of health policies, with an emphasis on their role in addressing health disparities and improving population health. Through case studies, data analysis, and policy evaluation exercises, students will develop critical skills for evidence-based decision-making.

MPH505 - Public Health Emerging Technology and Innovations

Credit Hours: 3

Pre requisites: MPH 503, MPH 504

This course explores the intersection of technology and public health, focusing on emerging innovations that are transforming the field. Students will examine key topics such as artificial intelligence, health informatics, data analytics, and digital health tools. By engaging with case studies, hands-on activities, and critical discussions, participants will gain the knowledge and skills needed to evaluate and apply these technologies effectively while considering ethical implications and future trends. The course aims to equip public health professionals with a forward-thinking perspective to address complex health challenges in an increasingly digital world.

MPH506 - Applied Biostatistics

Credit Hours: 3

Pre requisites: MPH 503, MPH 504

This course explores the intersection of technology and public health, focusing on emerging innovations that are transforming the field. Students will examine key topics such as artificial intelligence, health informatics, data analytics, and digital health tools. By engaging with case studies, hands-on activities, and critical discussions, participants

will gain the knowledge and skills needed to evaluate and apply these technologies effectively while considering ethical implications and future trends. The course aims to equip public health professionals with a forward-thinking perspective to address complex health challenges in an increasingly digital world.

MPH 507 - Analytical Epidemiology

Credit Hours: 3

Prerequisite: MPH505, MPH506

This advanced course in epidemiology provides a deeper understanding of the principles, methods, and applications of epidemiological research. Designed for master's-level public health students, the course emphasizes study design, data analysis, and interpretation of findings in diverse contexts. Students will explore advanced topics such as causal inference, bias, advanced study designs, and epidemiological modeling. The course includes lectures, hands-on exercises, and discussions to enhance critical thinking and problem-solving skills in epidemiology.

MPH 507 - Epidemiology of Communicable and Non-Communicable Diseases

Credit Hours: 3

Prerequisite: MPH505, MPH506

This course provides a comprehensive look at the epidemiology of communicable and non-communicable diseases by examining relevant issues and data emphasizing critical analysis and integration of knowledge. The first part of the course will cover communicable diseases epidemiology, factors contributing to emerging and re-emerging infectious diseases, the current global burden of communicable diseases, prevention and control, surveillance systems and national and international actions to address them. The second part of the course will cover non-communicable diseases epidemiology, socioeconomic influences, health care factors, and the burden of NCDs, prevention and control, and national and international actions to address them. The main goal is equipe the learners with advanced knowledge and skills to deal with such issues in their careers, also to examine the underlying causes of health problems in varied global regions and populations and explores strategies to reduce them at individual, community, and policy levels. Students will explore, critically evaluate, reflect upon, and discuss the existent literature in each of these areas.

MPH 509 - Updated Advances in Global and Public Health

Credit Hours: 3

Prerequisite: MPH507, MPH508

This seminar-based course focuses on advanced and emerging topics in global and public health. The course begins with a faculty-led lecture on contemporary global health challenges, followed by student-led seminars exploring hot topics, innovations, and cutting-edge research. Students will gain critical thinking and presentation skills while engaging in in-depth discussions and analyses of emerging global health issues..

MPH 599A - Thesis in Public Health Part 1

Credit Hours: 3

Prerequisites: Completion of 24 credit hours

This course allows students to formulate a preliminary project proposal for their MPH Project. Students will apply the knowledge and skills acquired during the first-year curriculum to shape and focus a tentative project proposal, and implementation plan. Evaluation is based upon successful completion of intermediate milestones, and the final goal of producing a final Master's Project proposal. Group and individual exercises and facilitated discussions on proposed projects will be conducted. Grading will be on Pass/No Pass basis only.

MPH 599B - Thesis in Public Health Part 2

Credit Hours: 3

Prerequisites: Completion of 24 credit hours

All MPH students are required to complete a thesis. There is no requirement for MPH students to take a "comprehensive" or "candidacy" examination to progress to writing MPH thesis. The MPH thesis is ongoing throughout the student's academic program, which starts in Year 1 with the selection of the mentor and topic, nomination of the thesis committee, and working on the plan of proposed research. While the thesis projects may be descriptive or investigative research, public health policy development or assessment, or program evaluation, it must have qualitative and quantitative components, with some application for public health action.

MPH 600 - Field Practicum

Credit Hours: 3

Prerequisites: Completion of 27 credit hours

The Field Practicum course offers a transformative learning experience, bridging academic theories with practical public health applications. Students will actively engage in supervised fieldwork at esteemed public health organizations, applying their knowledge to real-world challenges. This experiential course focuses on key areas such as program design, implementation, evaluation, and community engagement, fostering a holistic understanding of public health practice. Through hands-on activities, collaborative projects, reflective journaling, and professional presentations, students will develop essential skills in leadership, critical thinking, and effective communication. By immersing themselves in diverse public health settings, students

will gain invaluable insights into addressing health disparities, implementing sustainable solutions, and navigating the complexities of public health systems. This course serves as a cornerstone in preparing future leaders for impactful careers in public health.

COLLEGE OF LAW

Master of Law in Cyberlaw and Artificial Intelligence

CLA501 - Cybersecurity Law

Credit Hours: 3

Pre-requisite: No Pre-requisite

Cybersecurity Law is an essential course designed to explore the legal frameworks, policies, and regulations governing cybersecurity in the contemporary digital landscape. As technology continues to evolve, so do the legal challenges associated with data breaches, privacy concerns, and cybercrime. This course provides an in-depth examination of relevant UAE laws and regulations, alongside key international frameworks such as the General Data Protection Regulation (GDPR) and other global standards. Students will analyze case studies to understand how courts and regulatory bodies interpret and apply cybersecurity laws in various jurisdictions, including the UAE. The course will also address the ethical considerations surrounding cybersecurity practices and the responsibilities of organizations in safeguarding sensitive information. Through discussions on emerging technologies, evolving cyber threats, and the cross-border nature of cyber operations, students will develop a nuanced understanding of the legal and regulatory landscape governing cybersecurity. This knowledge will enable them to navigate the complexities of cybersecurity law in both regional and international contexts. Designed for individuals seeking careers in cybersecurity, law, policy-making, or related fields, this course equips students with the skills and knowledge to address legal and ethical challenges in a rapidly changing digital environment.

CLA502 - AI Regulation and Governance

Credit Hours: 3

Pre-requisite: No Pre-requisite

In an era where artificial intelligence is rapidly transforming industries and societies, understanding the regulatory and governance frameworks guiding AI development and deployment is crucial. This course offers a comprehensive exploration of the principles, challenges, and strategies associated with AI regulation and governance, with a particular focus on the UAE's pioneering role in AI innovation.

Students will delve into the ethical considerations of AI technologies, examining issues such as bias, accountability, transparency, and human rights. The course will cover existing regulatory frameworks at both national and international levels, including the UAE's National Artificial Intelligence Strategy 2031, the European Union's AI Act, and initiatives by other governments and organizations.

Through case studies, discussions, and critical analysis, students will investigate real-world applications of AI in sectors such as healthcare, finance, autonomous systems, and smart cities, assessing the effectiveness of current regulations and identifying gaps. The course will also explore the UAE's unique governance models, emphasizing the balance between fostering innovation and safeguarding public interest.

By the end of the course, students will be equipped with a nuanced understanding of the interplay between technology, policy, and society, preparing them to contribute to the development of AI regulation and governance in the UAE and beyond.

CLA503 - Data Privacy and Protection LAW

Credit Hours: 3

Pre-requisite: CLA501

This course provides an in-depth exploration of the legal frameworks and regulatory standards governing data privacy and protection in today's digital landscape, with a particular emphasis on the UAE's approach to data privacy. Students will study key global regulations, such as those in the European Union and the United States, alongside UAE-specific frameworks that guide data protection practices. The course examines principles of data protection, the rights of individuals, and the obligations of organizations in managing personal data responsibly. Through case studies and real-world examples, students will analyze the implications of data breaches, the importance of compliance, and emerging trends in privacy regulations. Topics include consent, data storage, cross-border data flows, and the role of regulatory authorities in enforcing data protection standards. Additionally, the course explores the challenges posed by evolving technologies, such as artificial intelligence and blockchain, and their impact on data privacy. Students will gain insights into best practices for ensuring data protection in a way that balances innovation with regulatory compliance. By the end of the course, students will develop a nuanced understanding of data privacy and protection laws, equipping them to navigate regulatory environments in the UAE and internationally while addressing contemporary challenges in an interconnected world.

CLS504 - Intellectual Property in the Digital Age

Credit Hours: 3

Pre-requisite: CLA501

Intellectual Property in the Digital Age explores the rapidly evolving landscape of intellectual property (IP) as it intersects with digital technology, with a focus on the UAE's innovation-driven economy. This course examines the fundamental concepts of IP, including copyrights, trademarks, patents, and trade secrets, emphasizing their application and relevance in the context of the internet, social media, and emerging digital platforms. Students will engage with contemporary issues such as digital piracy, data ownership, online brand protection, and the implications of artificial intelligence on creativity and invention. The course will also explore the UAE's Federal Laws on Intellectual Property and their alignment with international IP standards. Discussions will include the challenges posed by globalization, the harmonization of IP laws across jurisdictions, and the UAE's role in fostering innovation through robust IP protection. Through case studies and discussions, students will analyze landmark legal cases, current legislation, and the role of IP in protecting creators' rights while promoting access to information. Special attention will be given to the balance between safeguarding intellectual property and encouraging digital innovation in the UAE and globally. By the end of this course, students will have a nuanced understanding of the complexities of intellectual property in today's digital environment, equipping them to navigate legal and ethical challenges in a rapidly transforming world.

CLA505 - Ethics in Artificial Intelligence

Credit Hours: 3

Pre-requisite: CLA502

This course explores the critical ethical considerations surrounding the development and deployment of artificial intelligence technologies. As AI continues to influence various aspects of society, it raises profound questions about morality, accountability, and the impact on human life. Students will engage with fundamental ethical theories and frameworks to evaluate issues such as bias in algorithms, privacy concerns, the implications of autonomous systems, and the societal impacts of AI-driven decisions. Through case studies and discussions, participants will examine real-world applications of AI in fields like healthcare, finance, law enforcement, and social media, analyzing the ethical dilemmas they present. The course will also cover regulatory and governance challenges, exploring how policymakers and technologists can work together to create fair and responsible AI systems. By the end of the course, students will have a deeper understanding of the ethical landscape of AI and the tools necessary to engage in thoughtful discourse about its future.

CLA506 - Cybercrime and the Law

Credit Hours: 3

Pre-requisite: CLA501, CLA503

Cybercrime and the Law is an interdisciplinary course that explores the intersection of technology, criminal behavior, and legal frameworks in the digital age. With cybercrime posing significant challenges worldwide, this course examines various offenses such as hacking, identity theft, online fraud, and cyberbullying, alongside the legal mechanisms designed to address these threats. Students will analyze regional and international approaches to combating cybercrime, with a particular focus on the UAE's evolving legal and regulatory landscape. Discussions will explore cybersecurity legislation, law enforcement practices, and international cooperation, while highlighting the ethical implications of digital privacy, surveillance, and the use of digital evidence in criminal investigations. Through case studies and interactive sessions, students will gain a comprehensive understanding of the challenges faced by legal and law enforcement professionals in tackling cybercrime.

CLA507 - Emerging Technologies and Legal Challenges

Credit Hours: 3

Pre-requisite: CLA501, CLA502

Emerging Technologies and Legal Challenges delves into the intersection of rapidly developing technologies and the legal frameworks that govern them. This course will explore a variety of innovative fields, including artificial intelligence, blockchain, biotechnology, and cybersecurity, focusing on how these technologies challenge existing laws and regulations. Students will examine key legal concepts, such as intellectual property, privacy rights, and liability, and how they apply to new technological advancements. The course will encourage critical analysis of current legal practices and encourage discussion on potential reforms needed to address the unique challenges posed by emerging technologies. Through case studies, legal reviews, and discussions with industry experts, students will gain a comprehensive understanding of the legal implications of technological innovation, preparing them for careers at the crossroads of technology, law, and policy. This course aims to equip students with the analytical skills necessary to navigate and influence the evolving legal landscape of emerging technologies.

CLA508 - Practical Training in Cyberlaw and AI

Credit Hours: 3

Pre-requisite: All prior courses

This course offers an immersive exploration into the intersection of cyberlaw and artificial intelligence, equipping students with practical skills to navigate the UAE's legal landscape shaped by rapidly evolving technologies. Through a combination of lectures, case studies, and hands-on activities, students will gain a comprehensive understanding of the legal principles governing cybersecurity, data privacy, and AI regulations, with a specific focus on UAE laws and international frameworks. Students will engage in real-world scenarios that illustrate the complexities of enforcing laws in digital environments and the ethical considerations surrounding AI applications. Key topics include intellectual property issues related to software and AI, compliance with UAE data protection regulations (such as the UAE Data Protection Law), liability for cybercrimes under the UAE Cybercrimes Law, and the implications of AI decision-making in legal contexts. By leveraging expert guest speakers from the legal and technology sectors, as well as interactive workshops, students will develop practical skills in drafting legal documents, conducting risk assessments, and advising on compliance strategies tailored to the UAE's regulatory framework. This course will prepare students to understand not only the theoretical foundations of cyberlaw and AI but also to apply their knowledge in practical settings, making them valuable assets in the UAE's rapidly advancing digital economy.

CLA600 (A) (B) - Master Thesis Research in Cyberlaw and AI

Credit Hours: 3

Pre-requisite: 24 Credit Completion/ CLA 600(a)

The Mater Thesis Research in Cyberlaw and AI is a specialized research course designed for students pursuing advanced studies at the intersection of law and technology. This course provides an opportunity for students to engage in in-depth research on legal issues arising from the use of AI and emerging technologies in the digital environment. Students will seek to explore various dimensions of cyberlaw, including data protection, intellectual property, cybersecurity, and the ethical implications of AI applications. The course encourages students to critically analyze current legal frameworks, propose innovative solutions, and contribute to the evolving discourse surrounding the regulation of technology.

Students will work closely with faculty advisors to develop a unique research question, employing qualitative and quantitative methodologies appropriate to their study. The Thesis process will culminate in a comprehensive written work that showcases the student's ability to conduct rigorous research and articulate their findings effectively.

MILITARY PROGRAM

Master of International Relations

Core Courses

MIR 501 - Research Methodology in International Relations

Credit Hours: 3

Prerequisite: None

This course aims at developing students' political research skills through providing an advanced knowledge about formulating research proposals and theoretical frameworks. This is applied by using various research methods and techniques such as the research problem and question, case study methods, literature review, content analysis (quantitative and qualitative), survey methods and personal interviews, and discourse analysis. The course is also an important academic prerequisite for preparing the graduation project.

MIR 502 - Theory of International Relations

Credit Hours: 3

Prerequisite: None

The course will cover the main explanatory paradigms and theories in international relations. The aims of this course are to provide International Relations Master students a thorough background in the discipline of International Relations; to establish student's intellectual control over key theoretical concepts and arguments, while strengthening individual critical and analytical abilities; and to use theories of International Relations to deeply understand issues, developments and realities of International Relations. The course will focus on Classical realism, Neo-realism, and Neo-Classical Realism; Liberalism and Neo-liberalism, Critical Theory, Feminism, Constructivism, Theories of Conflict, International Society Approach, Theories of Integration, the theoretical relationship between international relations and international law, Globalization and theories of change.

MIR 503 - International Crises Management

Credit Hours: 3

Prerequisite: MIR 501, MIR 502

The course covers the main concepts related to international crisis management, the theoretical attitudes in international crises analysis, methodologies of analyzing international crisis management, different types of international crises, strategies, tools and factors of International crisis management, decision-making during the crisis, and factors affecting crisis management. The course, also, includes different case studies of international crises that the theoretical knowledge gained by students will be reinforced by practical experience.

MIR 504 - Foreign Policy Analysis

Credit Hours: 3

Prerequisite: None

Foreign policy analysis is an important component of the academic discipline of International Relations. The practice of foreign policy is a key political activity of nearly all states. Foreign policy actions and discourses may shape, or reflect the structure of world politics. This course will look at foreign policy actors, processes, goals, instruments, and contexts. The political, institutional, social and psychological dimensions of foreign policy will be examined. We shall cover both theoretical approaches and particular issue-areas and cases.

MIR 505 - The UAE Foreign Policy

Credit Hours: 3

Prerequisite: MIR 501, MIR 502, MIR 504

This course analyzes the making and implementation of the foreign policy of the United Arab Emirates (UAE). The course, also, combines three major elements: (1) A study of the history of Emirates relations since independence in 1971. (2) Analysis of the domestic, regional and international factors affecting the UAE foreign policy. (3) A discussion of the major policy issues in the contemporary foreign policy of the UAE. The Gulf Cooperation Council (GCC) between cooperation and integration, the future of Iraq, the future of the Arab-Israeli conflict and the Arab Spring. The list of issues includes the Iranian Nuclear program and the threat of extremism and terrorism. Such issues are of significant influence for the future of the Gulf, the Arab world, and the Middle East. Hence, they must be of great importance to the UAE foreign policy.

MIR 506 - The Gulf and the World

Credit Hours: 3

Prerequisite: MIR 502

This course is designed to provide the students with a deep understanding of the international significance of the Gulf region and the major challenges of regional security and the influence of global transformations on the region. Students will also discuss the ways

in which the Gulf Cooperation Council states tackle regional and international political, economic and security challenges both individually and collectively.

MIR 507 - International Nuclear Politics

Credit Hours: 3

Prerequisite: MIR 501, MIR 502, MIR 504, MIR 505

This course will introduce students to the politics and history of nuclear weapons, its significance, the strategies developed for their use, the consequences of their development, and the efforts to control and reverse their proliferation. In addressing these issues, the students will study a variety of case studies, including the 5 formal nuclear weapon states as well as key regional players. Ultimately, the course raises questions about the nuclear strategies that have been pursued by different states. Given the current security threat landscape facing the Gulf today, it is pertinent for the students to familiarize themselves with the major players and concepts within the subject.

MIR 508 - International Terrorism

Credit Hours: 3

Prerequisite: MIR 502, MIR 503

This course emphasizes the international dimensions of terrorism and its associated transnational patterns and problems. The course examines the evolution of the phenomenon of terrorism, which has reemerged as a lead feature of contemporary international relations. It addresses the questions of definition of terrorism, history of the concept, perspectives on causes, and the emergence of New Terrorism after September 11, 2001. The course will also deal with several terrorism-related issues such as cyber terrorism, international counter-terrorism, and weapons of mass destruction. And the final part of the course will focus on terrorism in five main regions: America, Asia, Europe, Africa and the Middle East.

MIR 509 - Regional and International Security

Credit Hours: 3

Prerequisite: MIR 502, MIR 503, MIR 504

This course provides the foundations for analyzing the enduring questions of regional and international security. The course develops the analytic tools that are useful for understanding how the regional or international environments generate threats and opportunities for states. The course covers a broad spectrum of traditional and non- traditional security issues (non-military and human security) examined from a regional and global context. The field of security issues is no longer limited to traditional security threats such as military threats, terrorism, law enforcement and critical infrastructure protection; it also includes non-traditional security threats such as humanitarian intervention, economic security, and environmental security. This postgraduate program, also, examines the theoretical and conceptual frameworks that tend to explain geopolitical security issues and interests.

MIR 599 - Thesis

Credit Hours: 6

Prerequisite: Reg. in Last Semester

All students in the M.A. program should complete a Thesis on a subject of their choice as part of their postgraduate degree. The Thesis is worth 6 credit hours, and is compulsory for students taking the Master of International Relations degree. The thesis offers students the opportunity to develop, organize and carry out a research that will further develop their research and written skills; it is the culmination of studies in International Relations. The thesis will provide students with an opportunity to integrate and hone a variety of skills acquired and extended during their studies, and to significantly deepen their knowledge. In the final semester, students will select and finalize a thesis topic and in consultation with their supervisors, submit the thesis proposal. The thesis maybe on the wide-ranging topic, empirical or theoretical, reflecting the breadth of International Relations. Research can be wholly or largely library-based or can involve empirical data collection, and culminate in the submission of a 20,000-word thesis.

ARABIC COURSE DESCRIPTIONS

COLLEGE OF LAW

MASTER OF PUBLIC LAW

MASTER OF PRIVATE LAW

MILITARY PROGRAMS

MASTER OF HUMAN RESOURCES MANAGEMENT

(IN ARABIC FOR MILITARY)

توصيف المساقات لتخصصي

ماجستير في القانون العام والخاصّ باللغة العربية

كلية القانون

ماجستير في القانون الخاص

المتطلبات الإجبارية

اسم المساق: فقه المعاملات مع التعمق

رمز المساق: LAJT 505

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

يتناول هذا المساق دارسة الأسس والمرتكزات العامة للعقود في الشريعة، مع عرض سريع لنظرية العقد، متضمنة الإشارة إلى ما تتميز به الشريعة عن غيرها. كما يتناول بالدراسة والتحليل عددا من العقود المشروعة، وآخر من العقود غير المشروعة، وثالثا من العقود المختلف فيها، إضافة لعدد من العقود والمعاملات المعاصرة.

عنوان المساق: قانون المعاملات المدنية مع التعمق

رمز المساق: LACI 501

المتطلبات السابقة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول المساق دراسة الطالب للنظرية العامة للالتزام من حيث مصادره وأحكامه.

المنهج الخاص: يتضمن المساق دراسة تفصيلية وتحليلية ومقارنة لأحد الموضوعات الحديثة في قانون المعاملات المدنية مثل: المسؤولية المدنية وتطبيقاتها العملية بخصوص ذوي المهن الحرة والمسؤولية المدنية الالكترونية، دور المسؤولية المدنية في حماية البيئة من التلوث، نظرية العقد مع التركيز على احد العقود الهامة في الواقع العملي، نظرية البطلان وتبعة الهلاك ونحوها من الموضوعات الحديثة التي تحتاج إلى البحث والمناقشة.

عنوان المساق: قانون المعاملات التجارية مع التعمق (متطلب اجباري)

رمز المساق: LACO502

المتطلبات السابقة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول هذا المساق دراسة أحكام قانون المعاملات التجارية بشكل عام مثل الأعمال التجارية والتاجر والتزاماته والعقود التجارية والأوراق التجارية وعمليات البنوك.

المنهج الخاص: يتضمن المساق دراسة تفصيلية وتحليلية لأحد الموضوعات في قانون المعاملات التجارية مثل: نظام الإفلاس والصلح الواقي من إفلاس، اندماج الشركات وتصفيتها، مسئولية الناقل البحري والجوي، التأمين البحري، الاعتماد المستندي.

عنوان المساق: قانون الإجراءات المدنية مع التعمق (متطلب اجباري)

رمز المساق: LACP504

المتطلبات السابقة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: بتضمن دراسة التنظيم القضائي في دولة الأمارات العربية المتحدة ودراسة الاختصاص القضائي ونظرية الدعوى وإجراءاتها ونظرية الأحكام القضائية وطرق الطعن في هذه الأحكام.

المنهج الخاص: يتضمن دراسة معمقة وتحليلية لأحد الموضوعات في قانون الاجراءات المدنية مثل: نظرية الحكم القضائي وطرق الطعن فيها، نظرية المصلحة في الدعوى والتحكيم الإلكتروني.

عنوان المساق: القانون الدولي الخاص مع التعمق (متطلب اجباري)

رمز المساق: LAIS503

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: دراسة النظرية العامة للجنسية، نظرية التنازع من حيث شروط تطبيق قواعد التنازع، تنازع الاختصاص القضائي الدولي.

المنهج الخاص: يتضمن دراسة احد موضوعات التنازع مثل: الاختصاص القضائي الدولي، الإحالة والنظام العام والعقود الدولية، إجراءات الخصومة المدنية الدولية، المسائل الأساسية في التحكيم الخاص الدولي مع دراسة مقارنة للأنظمة القانونية المتعلقة به والبعد الفلسفي والقانوني لأنواع التحكيم المختلفة والقواعد القانونية المنطبقة على كل منها.

عنوان المساق: طرق واساليب البحث القانوني

رمز المساق: LARM506

المتطلبات السابقة: لا يوجد

الساعات المعتمدة: 3

يعالج المساق قسمين رئيسيين: الاول يتضمن التعريف بالبحث القانوني وأسس وضع خطط البحث بأساليبها المختلفة ، والأصول التي يتعين مراعاتها من حيث الشكل والموضوع، والتعرف على أدوات البحث القانوني. وكيفية الرجوع إلى المراجع ، وأسس التوثيق السليم، كيفية الاستفادة من شبكة المعلومات عبر الانترنت ووسائل التكنولوجيا الحديثة في البحث العلمي كذلك أساليب التحليل واستنباط النتائج . القسم الثاني من المساق يتضمن اعداد الطالب بحث مكتوب في مجال القانون العام تتوافر فيه شروط البحث العلمي القانوني بحيث يتم تقويمه من لجنة مناقشة تتالف من المشرف واحد اعضاء هيئة التدريس المعنيين.

ماجستير في القانون العام

المتطلبات الإجبارية

عنوان المساق: المالية العامة

رمز المساق: LAFI 505

لا يوجد المتطلبات السابقة:

المتطلبات اللاحقة : لا يوجد

الساعات المعتمدة: 3

يتناول هذا المساق الإتجاهات الحديثة في علم المالية العامة هو العلم الذي يعني بدراسة المشاكل المتعلقة بالحاجات العامة فهناك نفقات عامة يجب تغطيتها ، وينحصر دور المالية العامة في حدود الحصول على الإيرادات اللازمة لتغطية النفقات.

سيكون ذلك من خلال طرح وتحليل ما يلي:

إبراز العلاقة بين المالية العامة وفروع القانون

العلاقة بين المالية العامة والقانون الدستوري

2 - العلاقة بين المالية العامة والقانون الإداري

3 - العلاقة بين المالية العامة والقانون الدولي العام

4 - العلاقة بين المالية العامة والسياسة.

5 - العلاقة بين المالية العامة والإقتصاد

و بيان المقصود بالنفقة العامة وعناصرها ،والتمييز بين النفقة العادية والنفقة غير العادية تقسم النفقات من حيث أثرها إلى نفقات حقيقية وأخرى تحويلية مع إبراز العوامل التي تؤثر في حجم الإنفاق العام.

ثم دراسة أنواع الرقابة على المالية العامة. لا سيما أن هذه الرقابة هي إما رقابة إدارية أو رقابة برلمانية وارتباطا بذلد الوقوف على الأسباب الحقيقية للزيادة في الإنفاق العام وآثار النفقات العامة على الإنتاج القومي وعلى الإستهلاك القومي.

اسم المساق: القانون الإداري

رمز المساق: LAAD502

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتضمن المساق مدخل عام لدراسة النظريات العامة للقانون الإداري ونشاط الإدارة في تنفيذ القوانين والضبط الإداري ونظام المرافق العامة، والوسائل القانونية للإدارة ، والرقابة على أعمال الإدارة من حيث ماهيتها وأنواعها وآثارها.

المنهج الخاص: يتضمن المساق دراسة تحليلية تطبيقية لأحد الموضوعات المتعلقة بالمنازعات الادارية كدعوى الالغاء، التحقيق الإداري والمخالفات التأديبية او بالوظيفة العامة أو العقد الإداري، أو القرارات الإدارية.

اسم المساق: القانون الجزائي مع التعمق

رمز المساق: LACR501

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتضمن دراسة النظرية العامة للجريمة والعقوبة ، وكذلك دراسةالنظرية العامة للمسئولية الجزائية بصورها المختلفة مع موانعها.

المنهج الخاص: يتضمن دراسة تحليلية مقارنة لأحد الموضوعات المتعلقة بالقانون الجزائي مثل: القصد الجنائي، مبادئ المحاكمة العادلة، النظرية العامة في الإثبات الجزائي، مبدأ الشرعية الجنائية، البطلان في القانون الجزائي، نظرية الاختصاص في القانون الجزائي. مع مقارنة كل ذلك بالقواعد التي وردت في الشريعة الإسلامية والقوانين المقارنة.

اسم المساق: القانون الدولي العام مع التعمق (باللغة الانكليزية)

رمز المساق: LAIN503

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يعالج المساق نظرية القانون الدولي العام، مصادره، أشخاصه، المنازعات المسلحة، ، النظرية العامة للمنظمات الدولية.

اسم المساق: القانون الدستوري والنظم السياسية مع التعمق

رمز المساق: LAPO504

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: ويشتمل على دراسة المبادئ العامة للقانون الدستوري والنظم السياسية وكذلك دراسة التنظيم الدستوري للسلطات الاتحادية وفقا لدستور دولة الأمارات.

المنهج الخاص: يتضمن دراسة معمقة لموضوع او اكثر من موضوعات القانون الدستوري والنظم السياسية كتفسير النصوص الدستورية والقضاء الدستوري ومبدأ الفصل بين السلطات, والرقابة على دستورية القوانين.

اسم المساق: طرق وأساليب البحث القانوني

رمز المساق: LARM 506

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

يعالج المساق قسمين رئيسيين: الاول يتضمن التعريف بالبحث القانوني وأسس وضع خطط البحث بأساليبها المختلفة ، والأصول التي يتعين مراعاتها من حيث الشكل والموضوع، والتعرف على أدوات البحث القانوني. وكيفية الرجوع إلى المراجع ، وأسس التوثيق السليم، كيفية الاستفادة من شبكة المعلومات عبر الانترنت ووسائل التكنولوجيا الحديثة في البحث العلمي كذلك أساليب التحليل واستنباط النتائج . القسم الثاني من المساق يتضمن اعداد الطالب بحث مكتوب في مجال القانون العام تتوافر فيه شروط البحث العلمي القانوني بحيث يتم تقويمه من لجنة مناقشة تتالف من المشرف واحد اعضاء هيئة التدريس المعنيين.

المتطلبات الإختيارية

اسم المساق: العقود الادارية مع التعمق

رمز المساق: LAAC516

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول المساق دراسة نشأة العقود الادارية واركانها وخصائصها والاثار المترتبة عليها والقواعد القانونية التي تحكم ابرامها. كما يحكم المساق سلطات الادارة وحقوق المتعاقدين معها.

المنهج الخاص: يعالج المساق التنظيم القانوني الخاص باحد الموضوعات المتصلة بالعقود الادارية كانهاء العقود الادارية والاثار المترتبة على ذلك، طرق فض المنازعات الادارية وبالاخص عن طريق التحكيم في القانون الاماراتي والقوانين المقارنة.

المتطلبات الإختيارية

اسم المساق: الجوانب القانونية للاستثمار مع التعمق

رمز المساق: LAIA 516

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

يتناول المساق دراسة التشريعات المنظمة للاستثمار من حيث تعريف الاستثمار وبيان انواعه ومعايير تدويل الاستثمار. كما يتناول المساق شرح المشاكل التي تواجه الاستثمار و اهم الاساليب المستخدمة في حل هذه المشكلات. ويشرح المساق الضمانات التي يتمتع بها المستثمر الأجنبي حسب قوانين الاستثمار في دولة الامارات ومقارنتها بالاتفاقيات والمعاهدات الدولية.

اسم المساق: عقود التجارة الدولية مع التعمق

رمز المساق: LAIT 514

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول المساق شرح الإطار القانوني المنظم للتجارة الدولية على الصعيدين الوطني والدولي وتحديد اهم المصادر التي تحكم التجارة الدولية بما في ذلك لاتفاقيات الدولية.

المنهج الخاص: يتضمن هذا المساق شرح وتحليل دراسة لواحد أو أكثر من موضوعات التجارة الدولية مثل : عقد البيع الدولي حسب اتفاقية الأمم المتحدة بشأن عقود البيع الدولي للبضائع لعام 1980، التحكيم التجاري كوسيلة لحل المنازعات الدولية، و الاعتماد المستندي.

عنوان المساق: قانون حماية المستهلك مع التعمق

رمز المساق: LACL 509

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول المساق شرح المبادىء القانونية العامة التي تنظم وسائل حماية المستهلك والضمانات القانونية المتوفرة له في كافة مراحل التعاقد.

القسم الخاص: يعالج المساق احد الموضوعات المتعلقة بحماية المستهلك مثل: حماية المستهلك في العقود الالكترونية والقانون الواجب التطبيق عليها، او دراسة مقارنة للقواعد القانونية التي تتعلق بحماية المستهلك وحقوقه وفقا للمبادئ المتعارف عليها دولياً مع القواعد القانونية المنصوص عليها في قانون حماية المستهلك في دولة الامارات العربية المتحدة. كما يمكن ان يتناول المساق شرح وتحليل القواعد القانونية والتي تهدف إلى حماية المستهلك من الشروط التعسفية، ومن المنتجات التجارية المعيبة والغير صالحة للاستخدام، وغيرها من القواعد اللازمة لحماية المستهلك.

عنوان المساق: التحكيم التجاري الداخلي والدولي مع التعمق

رمز المساق: LACA 508

المتطلبات السابقة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتضمن منهاج الدراسة لهذا المساق التعريف بالتحكيم التجاري وأهميته ودوره في حل المنازعات التجارية على الصعيد الداخلي والدولي ،وإجراءات التحكيم والقانون الواجب التطبيق في التحكيم.

المنهج الخاص: يتضمن دراسة تفصيلية وتحليلية مقارنه لأحد الموضوعات المرتبطة بالتحكيم مثل دور التحكيم في تسوية المنازعات الناشئة عن عقود التجارة الدولية.،بطلان حكم التحكيم ، وحجية حكم التحكيم وتنفيذه، أهم الاتفاقيات الإقليمية في التحكيم، استقلال شرط التحكيم عن العقد الأصلي.

عنوان المساق: الملكية الفكرية (باللغة الانجليزية) مع التعمق

رمز المساق: LAIP 507

المتطلبات السابقة: لا يوجد

الساعات المعتمدة: 3

يتناول هذا المساق التعريف بحق الملكية الفكرية وتحديد عناصره، يعالج هذا المساق فرعي قانون الملكية الفكرية وهما الملكية الأدبية والفنية والملكية الصناعية. القواعد القانونية الخاصة بحماية الملكية الفكرية على الصعيدين المحلي والدولي، المنظمات الدولية المعنية بحماية الملكية الفكرية، كما أن هذا المساق يخصص جزءاً هاماً منه لمعالجة الاتفاقيات والمعاهدات الدولية المرتبطة بحقوق الملكية الفكرية

المنهج الخاص: ويتضمن دراسة معمقة لإحدى مفردات الملكية الفكرية مثل: العلامة التجارية، براءات الاختراع، الرسوم والنماذج الصناعية، الاسم التجاري المصنفات الأدبية والفنية المشمولة بالحماية، الحماية القانونية لبرامج الحاسوب وقواعد البيانات، الإشكاليات القانونية والأخلاقية لبراءات الاختراع الماسة للمجال الحيوي كذلك العلاقة الشائكة بين حقوق الملكية الفكرية وحقوق الإنسان، أثر البيئة الرقمية على حق المؤلف والحقوق المجاورة.

الدكتوراه في القانون

المساقات الإلزامية في دكتوراة القانون العام والخاص (6 ساعات معتمدة)

طرق ومناهج كتابة البحث القانوني LARM601 :

يتناول المساق دراسة معمقة لطرق ومناهج البحث العلمي وعناصره ومفترضاته، وتطبيقاتها في مجال كتابة الأبحاث والدراسات القانونية وذلك من خلال التعرض للقواعد والأصول النظرية والعملية للتفكير والبحث العلمي بوجه عام، والبحث القانوني على وجه خاص، من حيث الشكل، والموضوع، واحترام أخلاقيات البحث العلمي، بمايتضمنه ذلك من دراسة لأهم تقسيمات وأنواع مناهج البحث العلمي المطبقة في مجال الدراسات القانونية، والأصول العملية لإعداد وتنفيذ الأبحاث والرسائل العلمية القانونية، وأساليب وطرق المعالجة والصياغة القانونية، واستخلاص الأفكار وتوثيقها، فضلا عن متابعة التطبيق العملي للطلاب لكل هذه الجوانب من خلال تكليفهم فرادى وجماعات بإعداد بحوث معمقة تجريبية، وتدريبهم على أداء تكليفات تضمن اكتسابهم أهم معارف ومهارات إجراء وكتابة البحث القانوني في الفروع المختلفة للقانون.

تصنيف وكتابة البحث القانوني LACW603 :

يتناول هذا المساق: "قاعة البحث" تدريب الطلاب على ضوابط اختار وصياغة عنوان البحث وتكليف كل طالب باختيار عنوان بحث في التخصص العلمي الذي يرجح كتابة أطروحة الدكتوراه فيه، تدريب الطلاب علي اعداد خطة البحث وتكليف كل طالب بإعداد خطة في موضوع بحثه، تدريب الطلاب على عمل محاكاة للجنة السمنار يعرض الطالب خطة بحثه فيها أمام أستاذ المساق والطلاب ومنافشته فيها من قبل الأستاذ والطلاب، تدريب الطلاب على طرق جمع المادة العلمية وتصنيفها مع عرض مجموعة من المراجع العامة والخاصة في تخصصات القانون المختلفة، وتكليف كل طالب بعمل قاعة بيانات بأهم المراجع العامة والخاصة في التخصص العلمي الذي يرجح كتابة أطروحة الدكتوراه فيه، تدريب الطلاب على تصنيف وكتابة المادة العلمية مع التركيز على المنهج المقارن، وتدريبهم على كتابة الأبحاث الجماعية، عمل محاكاة للجنة المناقشة تتكون من الأستاذ وبعض الطلاب يعرض الطالب بحثه أمامها ويتم مناقشته فيه.

المساقات الإلزامية لدكتوراة القانون العام

الإتجاهات الحديثة في القانون الجزائي MTCL608 :

المنهج العام: يتضمن منهاج الدراسة لهذه المادة دراسة المبادئ العامة للتجريم والعقاب، ودراسة المسؤولية الجنائية من حيث عناصرها وموانعها وارتباطها بنظرية الجزاء، وبيان سياسة المشرع الإماراتي في مجال الجزاءات الجنائية ومدى مسايرته للسياسة الجنائية الحديثة.

المنهج الخاص: يتضمن دراسة تحليلية تطبيقية على جانب من الجرائم المستحدثة، وبيان السياسة الجنائية الحديثة للمشرع الإماراتي في مواجهتها من حيث الجزاءات والتدابير الجنائية.

الإتجاهات الحديثة في القانون الإداري MTAD610 :

يتعلق هذا المساق بالتعريف بالاتجاهات الحديثة في القانون الإداري، لا سيما النظر إلى انحسار الطابع الوطني لهذا القانون تحت وطأة المعايير والمبادئ العالمية التي طالت أغلب موضوعاته. يستهدف المساق دراسة تلك الاتجاهات الحديثة من أربع زوايا أساسية سواء من ناحية موضوعية أو إجرائية على النحو الآتي: (1) تزايد المشاركة العامة في مسائل السياسة الإدارية؛ (2) ماهية مصطلح الحوكة الإدارية والإدارة الالكترونية؛ (3) تشديد المسئولية الإدارية؛ (4) دور القاضي الإداري في اعتماد المعايير الرقابية على أعمال وتصرفات الإدارة.

Modern trends in public international LAW MTPI611:

This course provides students with an introduction to the modern approaches of Public International Law. A Modern Approach addresses a spectrum of legal issues that affects the day to day affairs of the international community. Based on that it analyzes and applies, with accuracy and elasticity, potential basic principles of public international law to the issues so as to provide a better and easier understanding of the law. It focuses on exploring contemporary issues and challenges. It covers areas like human rights, global governance, international organizations, and environmental law. It also examines the interplay between states, non-state actors, and emerging trends in international relations.

النظم المالية والضريبية المقارنة LAFT612:

يتناول هذا المساق التعريف بمجال النظم المالية والضريبية المقارنة مع دراسة معمقة لواحد أو أكثر من موضوعات النظم المالية والضريبية المقارنة مثل **(**النظام الإسلامي والنظام اللاتيني والنظام الأنجلو أميركي والنظام الجرماني**)**، مع التطبيق على دولة الإمارات العربية المتحدة ويراعي التركيز على أهم الظواهر المستحدثة في مجال السياسات المالية والضريبية المتبعة في الأنظمة المعاصرة، وأن يتم طرح هذه الموضوعات من خلال الحلقات النقاشية التفاعلية والتي يتم توجيه الطلبة إلى إعدادها وعرض آرائهم فيها ويتولى مدرس المساق إدارة الحوار والتعقيب عليها.

المساقات الإلزامية لدكتوراة القانون الخاص

الإتجاهات الحديثة في قانون الإجراءات المدنية MTCP608 :

يتناول هذا المساق دراسة للمستحدث في قانون الإجراءات المدنية و التجارية ،و ذلك من خلال العديد من محاور الدراسة ومن هذه المحاور دراسة ظاهرة التخصص القضائي في الأنظمة القضائية المختلفة باعتبارها احد اهم الجوانب والاتجاهات الحديثة في قانون الإجراءات المدنية والتجارية، حيث بيان ماهية التخصص القضائي والتمييز بينها وبين فكرة الاختصاص القضائي ، وتوضيح مقومات ومزايا التخصص القضائي ، وكذلك دراسة تطبيقية على التخصص القضائي ،مثل دراسة القضاء العمالي و القضاء العسكرى و محاكم الاسرة، و من محاور الدراسة كذلك بيان اليات مشاركة القطاع الخاص في مرفق القضاء ،و دراسة التقاضى الالكترونى ،حيث بحث رفع و قيد الدعوى الكترونياً و الإعلان الالكترونى ،والتقاضى عن بعد في القانون الاماراتى و القانون المقارن ،و من المحاور كذلك دراسة الطرق البديلة لحل المنازعات بالوساطة و التوفيق في اطار المستجد بشانهما.

اسم المساق: التشريعات المالية والاقتصادية مع التعمق

رمز المساق: LAFE 517

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

يتناول هذا المساق دراسة عامة للتشريعات المتعلقة بالنشاط الاقتصادي والمالي في الدولة . كما يتضمن المساق في منهجه الخاص دراسة تحليلية معمقة في احد موضوعات التشريعات الاقتصادية مثل: النظام القانوني للتجارة الدولية بالتركيز على نظام الجات او دراسة للنظام المصرفي او نظام الاسواق المالية او تشريعات الاستثمار او الشركات المتعددة الجنسيات والمعاملات الاقتصادية الدولية التي تعبر الحدود الوطنية .

اسم المساق: قانون الاجراءات الجزائية مع التعمق

رمز المساق: LAPR 507

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول هذا المساق دراسة الاصول والاجراءات الجزائية : التحري والاستدلال والتحقيق الابتدائي والمحاكمة وطرق الطعن في الأحكام الجزائية.

المنهج الخاص: يتناول هذا المساق دراسة معمقة لموضوع او اكثر من النظريات الجزائية الخاصة مثل: نظرية البطلان في قانون الاجراءات الجزائية، مبدأ الشرعية الإجرائية من حيث قواعدها وأساسها وعناصرها المتعارف عليها في النظم الإجرائية المعاصرة ،الجزاءات الإجرائية كوسيلة للرقابة القضائية على ضمان المحاكمة العادلة ، حجية الحكم الجنائي.

اسم المساق: القانون الجزائي الدولي مع التعمق

رمز المساق: LACI 512

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول المساق التعريف بالقانون الجزائي الدولي وكيفية نشأته ووسائل تنفيذه، التعريف بالقضاء الجزائي الدولي ومصادره وتطوره التاريخي.

المنهج الخاص: يتناول هذا المساق التعريف بمبادئ القانون الجنائي الدولي مثل مبدأ الشرعية وحق الدفاع وسائر الأسس التي يقوم عليها هذا القانون ، كما سيتم التركيز على المحاكـــم الجنائيـــة الدولية من حيث بيان الجرائم التي تختص المحكمة الجنائية الدولية بنظرها والاجراءات المتبعة امامها. وإجراء تطبيقات على بعض الجرائم الدولية.

اسم المساق: نظام الحكم في الإسلام مع التعمق

رمز المساق: LAIS 512

المساقات المسبقة: لا يوجد

المساقات المشتركة: لا يوجد

الساعات المعتمدة: 3

المنهج العام: يتناول هذا الجانب دراسة نظم الحكم في العصور المختلفة، الحقوق والحريات وغير ذلك.

المنهج الخاص: يتناول هذا المساق دراسة معمقة لموضوع أو أكثر من الموضوعات الآتية:

تتناول هذه المادة عدة موضوعات ، مثل: مكانة نظام الحكم وأهميته في الحياة الإسلامية ، ووسائل تفويض السلطة، جهاز الحكم في الدولة الإسلامية . أحكام الوزارة ومجلس الشورى، وقضاء الحسبة، وقضاء المظالم.

المبادئ أو القواعد العامة في نظام الحكم مثل مبدأ المساواة ومبدأ العدل بالإضافة إلى موضوعات أخرى تتعلق بمسائل معاصرة من نظام الحكم و مؤسسات المجتمع المدني ودورها في تنظيم المجتمع الشورى وطرق تعيين رئيس الدولة في نظام الحكم الإسلامي.

البرامج الأكاديمية للكليات العسكرية

ماجستير في إدارة الموارد البشرية

المساقات الإجبارية

اسم المساق :إدارة الموارد البشرية في بيئة عالمية

رمز المساق: HRM 517

المتطلبات السابقة: MGT 482 - PC أو ما يعادله الساعات المعتمدة: 3

يهدف هذا المساق إلى تعريف الطلاب بطبيعة تنمية وإدارة الموارد البشرية في الشركات الدولية والمتعددة الجنسيات والعالمية والمحلية. كما يهدف إلى تطوير فهم نقدي لدور ووظائف أنشطة الموارد البشرية المختلفة داخل هذه الشركات. يستكشف التعقيد والتحديات والاختيارات التي تواجهها الشركات والاستراتيجيات التي تستخدمها بفعالية لتطوير وإدارة القوى العاملة الدولية في بيئات التنوع الثقافي والجغرافي. يتناول الفرق بين ممارسات الموارد البشرية المحلية وفي بيئة عالمية. انه يوفر للطلاب فهم متعمق للمشاكل الأساسية المتأصلة في إدارة الموارد البشرية في بيئة عالمية. ينصب التركيز الأساسي لهذا المساق على تطوير قادة عالميين من خلال الوعي عبر الثقافات، والتعلم التفاعلي، والخبرة البحثية المقارنة، وتحليل عمليات الاغتراب والعودة إلى الوطن. وسيعتمد المساق على دراسات الحالة والقراءات المختارة. كما سيتم استخدام دراسات الحالة لتعريف الطلاب بمختلف قضايا إدارة الموارد البشرية في إدارة الأفراد في الشركات متعددة الجنسيات في سياق دولي.

اسم المساق : إدارة الأداء والتعويضات

رمز المساق: HRM 536

المتطلبات السابقة: HRM 517

الساعات المعتمدة: 3

يتناول هذا المساق النظريات والاستراتيجيات والممارسات والقضايا المستمرة في إدارة أداء العاملين، وتطوير إمكانات الموظفين، ودعم النمو المهني والوظيفي. يقدم نظرة عامة وتحليلات لممارسات الموارد البشرية والأنظمة التي تتعامل مع إدارة الأداء وإدارة المواهب والتدريب والتطوير. سوف نستكشف أيضًا الموضوعات الحالية في مجال الأداء وإدارة المواهب. كما يتطرق المساق إلى أحدث اتجاهات البحث العلمي والممارسات في مجال تصميم وتنفيذ نظم إدارة أداء العاملين. و دراسة القضايا المختلفة والمتنوعة في إدارة التعويضات، تزويد الطالب بمعرفة شاملة بأساليب وممارسات إدارة التعويضات المختلفة. تطوير خطة تعويض لمنظمات مختلفة ومتنوعة، وربط الاداء مع التعويض المناسب ضمن الموازنة المخصصة في المنظمات

اسم المساق : قانون العمل والعلاقات العمالية

رمز المساق: HRM 535

المتطلبات السابقة: -

الساعات المعتمدة: 3

يتناول هذا المساق نظرة عامة على أحكام قانون العمل منها: عقد العمل بين صاحب العمل والعامل، وحماية العامل، وفترة التجربة والخصوصية للعامل، والجهات التنظيمية للعمل، والتعويض والحقوق القانونية أخرى. الهدف العام من هذا المساق هو تزويد الطلاب بلمحة عامة عن البيئة القانونية لدولة الإمارات العربية المتحدة بشأن علاقات العمل، بما في ذلك الوعي القانوني والاجتماعي والاقتصادي والسياسي التي تؤثر على القانون، واستراتيجيات العمل في إدارة الأعمال، وزيادة وعي أطراف العمل (العامل وصاحب العمل) بالحقوق والواجبات لكل طرف، والتعرف على أثر العوامل الاقتصادية والاجتماعية والسياسية التي تؤثر على القوانين المنظمة للعلاقات العمالية والمناخ التنظيمي في المنظمات، تعريف الدارسين بمواثيق العمل الدولية الصادرة عن المنظمات الإقليمية والدولية ذات العلاقة، تعريف الطالب بالمعضلات والمعايير الأخلاقية، والحوكمة والمسؤوليات الاجتماعية

اسم المساق : السلوك التنظيمي

رمز المساق : HRM 514

المتطلبات السابقة : MGT 482 - PC أو ما يعادله

الساعات المعتمدة: 3

من بين التحديات التي تواجه الشركات اليوم والمرتبطة بالسلوك التنظيمي ما يلي: (الاقتصاد العالمي - موارد بشرية عالمية ماهرة / غير ماهرة - تغيير التركيبة السكانية للقوى العاملة – القيادة - التغيُّر والتطور التكنولوجي السريع – التعاون - إعادة هيكلة المنظمة – التحفيز - مشاركة ورضا الموظف). يركز هذا المساق على تطبيق المفاهيم والنظريات الأساسية المتعلقة بقضايا الأعمال المتعلقة بسلوكيات بالتحديات المذكورة أعلاه للشركات والأفراد. ويهدف المساق إلى المساهمة في تطوير مهارات الاتصال والشخصية والفريق والقيادة والإدارة، والتي ستكون جنبًا إلى جنب مع مجموعات المعرفة والمهارات التقنية، مهمة للنجاح وتطور المنظمات والسلوكيات في العمل.

اسم المساق : مناهج البحث العلمي في الإدارة

رمز المساق : HRM 524

المتطلبات السابقة : MGT 482-PC

الساعات المعتمدة: 3

يعلم المساق، مناهج البحث العلمي (المنهج الوصفي التحليلي، ومنهج تحليل المضمون، والمنهج التاريخي، والمنهج التجريبي، والمنهج الاستدلالي)، وأنواع المصادر والمراجع، وإجراءات البحث: تحديد النقطة البحثية، وإعداد خطة البحث، والاقتباس والتوثيق، ومقدمة البحث وخاتمته، وخصائص الكتابة العلمية. ويركز المساق، على إكساب الطلاب المهارات البحثية، من خلال نماذج، وتطبيقات، وتدريبات، فضلاً عن زيارة المكتبات، للتعرف على محتوياتها، ونظام التصنيف والفهرسة، والاطلاع على مصادر، ومراجع، لأداء أنشطة بحثية متنوعة، من اقتباس، وتوثيق.. إلخ. كما يركز المساق، على اكساب الطالب مهارات تحديد مشكلة البحث، وفرضياته، ووسائل وأدوات جمع البيانات وتحليلها.

اسم المساق : الإدارة الاستراتيجية للموارد البشرية

رمز المساق : HRM 523

المتطلبات السابقة : HRM 517

الساعات المعتمدة: 3

يهدف هذا المساق لتزويد الطالب بالمعارف اللازمة لفهم عملية الإدارة الاستراتيجية ومراحلها وفهم الانواع الرئيسية للاستراتيجيات. سيتم في هذا المساق تعريف الدارسين بالإدارة الاستراتيجية للموارد البشرية وكذلك التعرف على علاقة استراتيجية الموارد البشرية بالاستراتيجية العامة للمنظمة وكيفية المواءمة بينهما لضمان توافق استراتيجية الموارد البشرية مع الاستراتيجية العامة للمنظمة وبالتالي سيتم التركيز على كيفية صياغة استراتيجيات الموارد البشرية في المنظمات وتعريف الدارسين بأفضل الممارسات في هذا المجال.

الفقه المقارن LACJ603 :

يتناول هذا المساق: ماهية الفقه المقارن وثمراته وتمييزه عن غيره، وأنواع الفقه المقارن (المقارنة داخل المذهب الواحد "علم الخلاف النازل" - المقارنة بين المذاهب الفقهية المختلفة "علم الخلاف العالي" - المقارنة بين الفقه الإسلامي والقانون "علم القانون الموازن")، وأسباب اختلاف الفقهاء في الأحكام، ومناهج المذاهب الفقهية في استنباط الأحكام، وأمهات القواعد الفقهية والقانونية وأهم تطبيقاتها في الفقه الإسلامي والقانون، وأهم مؤلفات الفقه المقارن في الفقه الإسلامي والقانون وأهميتها في كتابة الأبحاث العلمية، وأخيرا يختار الاستاذ موضوع أو قضية معاصرة ودراستها دراسة مقارنة في الفقه الإسلامي والقانون.

قانون المعاملات المدنية المقارن CCTL611 :

المنهج العام: يتناول دراسة الالتزامات في قانون المعاملات المدنية الإماراتي مع التركيز على أحكام الالتزام.

المنهج الخاص: يتضمن دراسة تفصيلية و تحليلية ومقارنة لأحد الموضوعات الحديثة في قانون المعاملات المدنية المتعلقة بأحكام و ضمانات تنفيذ الالتزام مع مقارنتها بالقانونين الفرنسي و المصري مثل: الضمانات المنقولة، نظام الإعسار المدني، الضمانات غير المسماة، دعوى الصورية، و غيرها من الموضوعات التي تحتاج إلى البحث و المناقشة.

Modern trends in commercial LAW MTCL609:

General Curriculum: This course deals with the study of the provisions of commercial law in general, such as: commercial transactions, commercial companies, bankruptcy law, maritime commercial law, and air law.

Special Curriculum: The course includes an in-depth detailed and analytical study of one or more topics of commercial law, such as: new commercial transactions and the electronic store, commercial mortgage, provisions of the electronic check, commercial agency, one-person company, governance of joint-stock companies, responsibility of the director and members of

the board of directors of the joint-stock company, Marine carrier liability, multimodal transport, marine insurance, and air carrier liability.

المتطلبات الإختيارية للقانون العام والخاص (6 ساعات معتمدة)

قوانين التقنية والذكاء الإصطناعي LAAI604 :

يتضمن المساق دراسة تفصيلية وتحليليـــة ومقارنة في قوانين التقنية الحديثة: منها قوانين الانترنت والكمبيوتر وقانون الروبوت ودراسة تقنية البلوكتشين ونشأة الروبوتات، وجوانب قوانين الملكية الفكرية المتعلقة بحماية هذه التقنيات إلى جانب الشق الثاني الذي يتضمن القواعد المنظمه لبرامج وانظمة الذكاء الاصطناعي في الاتحاد الاوروبي والولايات المتحده الامريكية ومقارنتها مع مثيلتها في القوانين العربية (الامارات العربية المتحدة)، والمسؤولية المدنية عن أضرار انظمة الذكاء الاصطناعي.

النظام القانوني للفضاء الخارجي LAOS605 :

يتناول هذا المساق دراسة النظام القانوني للفضاء الخارجي في اطار القانون الخاص ،و ذلك من خلال محاور عديدة منها تحديد المفهوم القانوني للفضاء الخارجي ،و تحديد نطاقه و طبيعة احكامه و بيان مصادره و المبادئ العامة الحاكمة له ،و من محاور الدراسة أيضا بيان انشطة الفضاء الخارجي و التركيز على الأنشطة التجارية فقط ،حيث تنوع العلاقات القانونية لانشطة الفضاء الخارجي التجارية و التي منها عقود تصنيع الأقمار الصناعية ،و اطلاق الاجسام الفضائية و عقود السياحة الفضائية ، و غيرها من العلاقات ،و من محاور الدراسة اخيرا بيان الاحكام المنظمة للمسئولية المدنية عن اضرار أنشطة الفضاء الخارجي التجارية .

Outer space economics LEOS606:

This course provides students with an introduction to the Economics of Outer Space, as outer space is expanding and becoming increasingly global. The Economics of Outer Space course explores the economic aspects and implications of space exploration, development, and utilization. It delves into topics such as the commercialization of space, space tourism, satellite industries, and the economic impact of space technology. Students will gain insights into the financial dynamics and opportunities that arise from activities beyond our planet. The course examines space policies, providing insights into the legal and regulatory frameworks governing the space industry.

إقتصاديات الطاقة LAEE607 :

يتناول المقرر مفاهيم أساسية في الطاقة وعلاقة الطاقة بالموارد الاقتصادية، والنمو والتنمية الاقتصادية، وتحقيق التنمية المستدامة، كما يتناول مصادر الطاقة التقليدية والحديثة الاحفورية من الفحم والنفط والغاز الطبيعي واليورانيوم والنفط الصخري، كما يتناول مصادر الطاقة المتجددة والنظيفة من الرياح والشمس والهيدروجين الاخضر، كأحد أهم أنواع الطاقة النظيفة والمتجددة، ودور التطور التكنولوجي فيها. مع التركيز على النفط والتعرض للعوامل المؤثرة على العرض والطلب على النفط، وأثر النفط على اقتصاد دول مجلس التعاون الخليجي بشكل عام، وعلى الاقتصاد الاماراتي بشكل خاص.

اسم المساق : الرسالة

رمز المساق : HRM 599

المتطلبات السابقة : يُدرَّس هذا المساق في الفصل الدراسي الأخير

الساعات المعتمدة: 6

يجب على جميع الطلاب في برنامج الماجستير إكمال رسالة ماجستير في موضوع من اختيار كلٍ منهم يتناول موضوع في إدارة الموارد البشرية وذلك كأحد متطلبات التخرّج. وتوفر رسالة الماجستير في برنامج الماجستير في إدارة الموارد البشرية للطلاب الفرصة لتطوير وتنظيم وتنفيذ مشروع بحثي مكتمل؛ من أجل تطوير مهاراتهم البحثية والكتابية.

المساقات الاختيارية

اسم المساق : تدريب وتطوير العاملين

رمز المساق : HRM 529

المتطلبات السابقة : HRM 517

الساعات المعتمدة: 3

الهدف من هذا المساق هو تزويد الطلاب بالمعارف الأساسية المتعلقة بالنظريات والتقنيات الحديثة المختلفة في تدريب وتطوير الموظفين والتعرف على العملية التدريبية ومراحلها ومكوناتها وبيئة التدريب، وكذلك التطبيق العملي لهذه النظريات في المنظمات المعاصرة وكذلك فهم الاختلافات بين التدريب والتعليم والتطوير. سوف يتعلم الطلاب المهارات اللازمة المطلوبة لتقييم وتحليل الاحتياجات التدريبية للموظفين من أجل تصميم برامج تدريبية تتماشى مع استراتيجية المنظمة.

اسم المساق : إدارة الأداء التنظيمي

رمز المساق : HRM 531

المتطلبات السابقة : HRM 536

الساعات المعتمدة: 3

يتناول هذا المساق إدارة الموارد البشرية من منظور استراتيجي، ويركز على كيفية تطبيق بطاقة الأداء المتوازن كأداة استراتيجية لتحسين أداء الشركات في مختلف الصناعات. ويهتم الجزء الأول من هذا المساق بتعليم الطلاب كيفية استخدام هذه الأداة لتحقيق المواءمة بين غرض المنظمة وأهدافها تشغيلية. بينما يهتم الجزء الثاني بتعليم الطلاب كيفية توحيد الموظفين من خلال برنامج تعزيز الأداء الاستراتيجي بمساعدة بطاقة الأداء المتوازن، ويتم التركيز على مداخل وأساليب الإدارة في تطبيق بطاقة الأداء المتوازن في المنظمات. وتتضمن هذه المداخل والأساليب خلق الوعي التنظيمي، وتحديد الأهداف الفردية والجماعية، وربط تلك الأهداف بنظام المكافآت. ويعرِّف المساق الطلاب كيفية تقييم فعالية تنفيذ بطاقة الأداء المتوازن، وإجراء التعديلات اللازمة على أساس التغذية العكسية.

اسم المساق : إدارة التغيير

رمز المساق : MGT 525

المتطلبات السابقة : MGT 514

الساعات المعتمدة: 3

يهدف هذا المساق إلى تعريف الطلاب بالمعارف الاساسية المتعلقة بمفهوم التغيير وديناميكياته وابعاده، وطبيعته، ومتطلباته، واستراتيجياته. إضافة إلى ان هذا المساق سيركز على تعريف الدارسين بالعوامل المؤثرة فيه والتحديات التي تواجهه، وبالتالي كيفية إدارة التغيير وفقا "لمنهجية علمية" والتعرف على أساسيات إدارة الأزمات وتحديد مآلاتها والسيطرة عليها.

اسم المساق :إدارة الموارد البشرية الرقمية

رمز المساق : HRM 533

المتطلبات السابقة : HRM 517

الساعات المعتمدة: 3

يتناول هذا المساق تطوير المعارف والقدرات في مجال الابتكار في إدارة الموارد البشرية وتطوير القدرات والمعارف في مجال الإدارة الاستراتيجية للموارد البشرية من خلال الاستخدام الكفؤ لأحدث التكنولوجيات والأساليب الرقمية ذات العلاقة. كذلك يهدف هذا المساق إلى تزويد الطالب بالمعارف والمهارات التي يحتاجها لإنشاء استراتيجية موارد بشرية رقمية فعالة واستيعاب عمليات التحول الرقمي للموارد البشرية وكيفية اختيار الأدوات التي تساعد المنظمات وموظفيها لتحقيق التقدم والازدهار مما يمكّن تلك المنظمات الولوج نحو المستقبل بكفاءة.

اسم المساق :التفاوض وفض النزاعات

رمز المساق : HRM 522

المتطلبات السابقة : MGT 514

الساعات المعتمدة: 3

يهدف هذا المساق إلى تعريف الطلاب على التحليلات العملية والنظرية والنقدية للنزاع والتفاوض. سيشمل ذلك استكشاف مجموعة متنوعة من الأساليب لحل النزاعات والتفاوض وتدخل الطرف الثالث (الوسيط) في السياقات التي تحدث فيها إدارة النزاع. يغطي هذا المساق نظريات النزاع وأساليب وأطر، وإدارة النزاع من خلال التفاوض. ويركز المساق بشكل خاص على التواصل والوساطة لتسوية النزاعات التي تطرأ في مكان العمل لتحسين التعاون بين الموظفين. كما يعرِّف الطلاب على قاعدة من المهارات اللازمة للتوسط بين الأطراف المتنازعة والتغلب على الخلافات.

اسم المساق : قضايا معاصرة في إدارة الموارد البشرية

رمز المساق : HRM 534

المتطلبات السابقة : HRM 517

الساعات المعتمدة: 3

يهدف هذا المساق إلى تعريف الطالب بالموضوعات والقضايا المعاصرة المرتبطة بإدارة الموارد البشرية، بهدف واستكشاف متعمق لبعض التحديات المعاصرة والمتسارعة التي نواجهها في مكان العمل اليوم. وتشمل هذه القضايا موضوعات مثل، إدارة التنوع ، وتغيير أنماط العمل والمهن ، والعمل بشكل أخلاقي ، وكيف تتلاءم المسؤولية الاجتماعية للمنظمات (CSR) مع الموارد البشرية ؛ الرفاهية في العمل والتوازن بين العمل والحياة في سياق إدارة الموارد البشرية. سيشمل ذلك التعرف على وجهات النظر المتعددة والمتباينة في كثير من الأحيان والتي تتعلق بإدارة الموارد البشرية في مكان في العصر الحاضر.

اسم المساق : إدارة الأعمال الدولية

رمز المساق : MGT 521

المتطلبات السابقة : MGT 482 - PC

الساعات المعتمدة: 3

يهدف هذا المساق إلى تزويد الطلاب بالمعرفة والمهارات والقدرات لفهم إدارة الأعمال الدولية، والاقتصاد العالمي والعولمة وظاهرها وتحدياتها وإجابياتها وسلبياتها. كما يتناول بيئة الأعمال الدولية للشركات متعددة الجنسيات والأبعاد الثقافية لهذه الشركات الدولية واختلافاتها واستراتيجيات التعامل معها. ويتناول استراتيجيات وهياكل الأعمال التجارية الدولية وتقييم الأدوار الخاصة للوظائف المختلفة للأعمال التجارية الدولية. ويتطرق المساق إلى موضوع أخلاقيات الأعمال الدولية والمسؤولية الاجتماعية للشركات متعددة الجنسيات وابعادها ودور شركات الاعمال الدولية في الاقتصاد العالمي. ويتناول أيضا إدارة الأخطار في منظمات الاعمال الدولية. ويركز هذا المساق على إعداد الطلاب لصياغة وتنفيذ الاستراتيجيات والخطط والتكتيكات للنجاح في الأعمال التجارية الدولية.acc

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ABU DHABI UNIVERSITY

ACADEMIC YEAR

2025-2026

Fall 2025-2026 Semester

Fall 2025-2026 Semester

JUNE 2025

EVENTS		WEEK
6 Jun	Fall Semster 2025-26 Internship Program Application Submission Deadline	
5 Jun	**Arafat Day ***	
6 - 8 Jun	**Eid Al Adha Holiday ***	
26 Jun	**Islamic New Year ***	

JUNE 2025

M	T	W	T	F	S	S
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16	17	18	19	20	21	22
23	24	25	**26**	27	28	29
30						

JULY 2025

EVENTS		WEEK
3 Jul	Financial Aid/Scholarship Application for Returning / New Students for Fall 2025-26 Submission Begins	

JULY 2025

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22	23	24	25	26	27	28
29	30	31				

PUBLIC HOLIDAY
EXAMINATION DATES
FIRST/LAST DAY OF CREDIT CLASSES

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***** 09/06/2025 & 10/06/2025 are a makeup days for 12/06/2025 & 13/06/2025

Fall 2025-2026 Semester

Fall 2025-2026 Semester

AUGUST 2025

EVENTS	
1 Aug	Financial Aid /Scholarship Application for Returning Students for Fall 2025-26 Submission Deadline
11 Aug	Winter Term Internship Program Application Submission Begins
15 Aug	Financial Aid Application for New Prospective Students Fall 2025-26 Submission Deadline
19 - 22 Aug	Marhaba – Pre-Orientation weeks (UG) Freshmen
20 Aug	Deadline for Admission /Transfer Credit
22 Aug	Registration Deadline for Newly Admitted Students
22 Aug	Deadline of Submissions for Declaration/Change of Major Form
25 Aug	**First Day of Classes**
25 - 26 Aug	Welcome Back Days
25 - 29 Aug	Add / Drop Period with 100% Refund
29 Aug	Payment Deadline for Current and Newly Admitted Students

WEEK
1

AUGUST 2025

M	T	W	T	F	S	S
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12	13	14	15	16	17	18
19	20	21	22	23	24	**25**
26	27	28	29	30	31	

SEPTEMBER 2025

EVENTS	
1 - 5 Sep	Course Withdrawal Period with 75% Refund
3 Sep	Freshman Orientation Program
4 Sep	**Birthday of Prophet Muhammad " Peace Be Upon Him"**
8 - 12 Sep	Course Withdrawal Period with 50% Refund**
18 Sep	Final Exam Schedule Release (PG: T-A)
16 Sep	Graduation Online Application Begins
19 Sep	Course Withdrawal Deadline for (PG: T-A) Students

WEEK
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SEPTEMBER 2025

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

PUBLIC HOLIDAY
EXAMINATION DATES
FIRST/LAST DAY OF CREDIT CLASSES

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Fall 2025-2026 Semester

Fall 2025-2026 Semester

OCTOBER 2025

EVENTS	
6 Oct	Term A Postgraduate Last Day of Classes (make up Thursday Sep 4)
7 - 9 Oct	Term A Postgraduate Final Exams Week ***
10 Oct	Winter Term Internship Program Application Submission Deadline
10 Oct	Release of Mid-Semester Grades
11 Oct	Release of Final Grades for (PG: T-A) ***
13 Oct	Term B First Day of Classes for Postgraduate Students
13 Oct	Release of the Winter 2025-26 Term and Spring 2025-26 Semester Schedules
13 - 14 Oct	Add & Drop Period with 100% Refund (PG: T-B)
13 Oct	Grade Appeals Deadline for Spring 2024-25 Semester and Summer 2024-25 Term Final Grades ****
14 Oct	Deadline of Payment for (PG: T-B)
20 Oct	Advising and Early Registration Begins of Winter 2025-26 Term and Spring 2025-26 Semester
20 Oct	Spring Semester Internship Program Application Submission Begins
25 Oct	Final Exam Schedule Release
27 Oct	Graduation Online Application Deadline
31 Oct	Course Withdrawal Deadline (UG)

WEEK
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OCTOBER 2025						
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NOVEMBER 2025

EVENTS	
7 Nov	Course Withdrawal Deadline (PG: T-B) / Regular
14 Nov	Collection of Dean's list Certificate of Spring 2024-25 Semster
23 Nov	Last Day of Classes for Postgraduate Students
24 - 27 Nov	Final Exams Period for Postgraduate Students
24 Nov	Last Day of Classes for Undergraduate Students (make up Thursday Sep 4)
25 Nov - 8 Dec	Final Exams Period for Undergraduate Students

WEEK
11
12
13

NOVEMBER 2025						
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25	26	27	28	29	30	

PUBLIC HOLIDAY

EXAMINATION DATES

FIRST/LAST DAY OF CREDIT CLASSES

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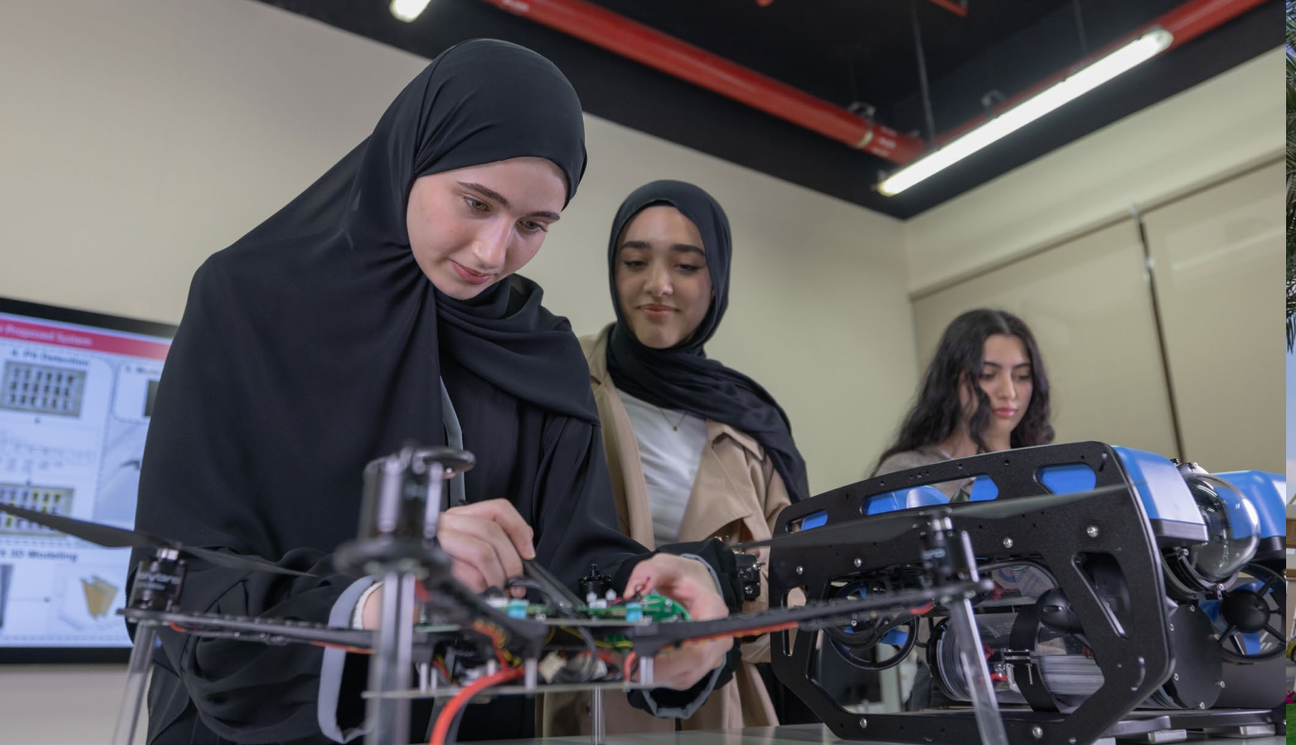

Fall 2025-2026 Semester

DECEMBER 2025

EVENTS		WEEK
2 - 3 Dec	**UAE National Day**	
8 - 9 Dec	Graduation Ceremony for Spring 2024-25 Semster and Summer 2024-25 Term Graduates *****	
9 Dec - 4 Jan	**Fall Break**	
10 Dec	Final Grades Released****	
12 Dec	Spring Semester Internship Program Application Submission Deadline	

DECEMBER 2025

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29	30	31				

Winter 2025-2026 Term

DECEMBER 2025

EVENTS		WEEK
31 Dec - 2 Jan	Marhaba – Pre-Orientation weeks UG Freshmen	
31 Dec	Deadline of Admissions/Transfer Credit	

DECEMBER 2025

M	T	W	T	F	S	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

PUBLIC HOLIDAY
EXAMINATION DATES
FIRST/LAST DAY OF CREDIT CLASSES

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Winter 2025-2026 Term

Winter 2025-2026 Term

JANUARY 2026

EVENTS	
1 Jan	**Gregorian New Year**
2 Jan	Deadline of Submission for Declaration/Change of Major
2 Jan	Registration Deadline for Newly Admitted Students
5 Jan	**First Day of Classes**
5 - 6 Jan	Add/ Drop Period 100% Refund
6 Jan	Payment Deadline for Current and Newly Admitted Students
7 - 8 Jan	Course Withdrawal Period 75% Refund
9 Jan	Financial Aid/Scholarship Application for Returning / New Students for Spring 2025-26 Submission Begins
9 - 12 Jan	Course Withdrawal Period 50% Refund**
12 Jan	Summer Term Internship Program Application Submission Begins
19 Jan	Graduation Online Application Begins
26 Jan	Release of Mid-Term Grades
26 Jan	Final Exam Schedule Release

WEEK
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JANUARY 2026

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27	28	29	30	31		

FEBRUARY 2026

EVENTS	
2 Feb	Graduation Online Application Deadline
2 Feb	Course Withdrawal Deadline
9 Feb	Financial Aid /Scholarship Application for Returning Students for Spring 2025-26 Submission Deadline
13 Feb	Financial Aid Application for New Prospective Students Spring 2025-26 Submission Deadline
15 Feb	**Last Day of Classes**
16 - 18 Feb	Final Exams Period***
17 - 20 Feb	Marhaba – Pre-Orientation weeks (UG) Freshmen
18 Feb	**First day of Ramadan***
20 Feb	Final Grades Released****

WEEK
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6
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FEBRUARY 2026

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PUBLIC HOLIDAY
EXAMINATION DATES
FIRST/LAST DAY OF CREDIT CLASSES

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Spring 2025-2026

Spring 2025-2026

FEBRUARY 2026

EVENTS		WEEK
18 Feb	Admissions/Transfer Credit Deadline	
20 Feb	Deadline of Submissions for Declaration/Change of Major	
20 Feb	Registration Deadline for Newly Admitted Undergraduate Students	
23 Feb	**First Day of Classes**	
23 - 24 Feb	Welcome Back Days	
23 - 27 Feb	Add/Drop Period with 100% Refund	
27 Feb	Payment Deadline for Current and Newly Admitted Students	1

FEBRUARY 2026

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24	25	26	27	28		

MARCH 2026

EVENTS		WEEK
2 - 6 Mar	Course Withdrawal Period with 75 % Refund	
4 Mar	Freshman Orientation Program	
9 - 13 Mar	Course Withdrawal Period with 50% Refund**	2
16 Mar	Graduation Online Application Begins	3
19 Mar	Course Withdrawal Deadline for (PG: T-A) Students	4
20 Mar	Final Exam Schedule Release (PG: T-A)	
20 Mar	Summer Term Internship Program Application Submission Deadline	
20 - 22 Mar	**Eid Al Fitr Holiday***	
23 Mar - 3 Apr	**Spring Break**	

MARCH 2026

M	T	W	T	F	S	S
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17	18	19	**20**	**21**	**22**	**23**
24	**25**	**26**	**27**	**28**	**29**	**30**
31						

PUBLIC HOLIDAY
EXAMINATION DATES
FIRST/LAST DAY OF CREDIT CLASSES

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Spring 2025-2026

Spring 2025-2026

APRIL 2026

EVENTS		WEEK
20 Apr	**Term A Postgraduate Last Day of Classes (make up Friday March 20)**	
21 - 23 Apr	**Term A Postgraduate Final Exams Week *** **	5
20 Apr	Fall Semester 2025-26 Internship Program Application Submission Begins	6
25 Apr	Term A Postgaduate Final Grades Released****	7
24 Apr	Release of Mid-Semester Grades	8
27 Apr	**Term B First Day of Classes for Postgraduate Students**	
27 - 28 Apr	Students Add/Drop Period with 100% Refund (PG: T-B)	
27 Apr	Graduation Online Application Deadline	
27 Apr	Release of the Summer 2025-26 Term and Fall 2026-27 Semester Schedules	
27 Apr	Grade Appeals Deadline for Fall 2025-26 Semester and Winter 2025-26 Term Final Grades ****	
28 Apr	Term B Postgraduate Classes Payment Deadline	

APRIL 2026

M	T	W	T	F	S	S
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28	29	30				

MAY 2026

EVENTS		WEEK
4 May	Advising and Early Registration for Students Begins of Summer 2025-26 Term and Fall 2026-27 Semester	
11 May	Final Exam Schedule Release	9
15 May	Course Withdrawal Deadline (UG)	10
22 May	Course Withdrawal Deadline (PG: T-B) / Regular	11
22 May	Collection of Dean's List Certificate of Fall 2025-26 Semester	
26 May	**Arafat Day ***	
27 - 29 May	**Eid Al Adha Holiday ***	

MAY 2026

M	T	W	T	F	S	S
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PUBLIC HOLIDAY
EXAMINATION DATES
FIRST/LAST DAY OF CREDIT CLASSES

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Summer Term 2025-2026

Summer Term 2025-2026

JULY 2026

EVENTS		WEEK
1 - 2 Jul	Course Withdrawal Period 75% Refund	
3 - 6 Jul	Course Withdrawal Period 50% Refund**	1
6 Jul	Financial Aid/Scholarship Application for Returning / New Students for Fall 2026-27 Submission Begins	2
13 Jul	Graduation Online Application Begins	3
20 Jul	Release of Mid-Term Grades	4
27 Jul	Graduation Online Application Deadline	5
27 Jul	Course Withdrawal Deadline	

JULY 2026

M	T	W	T	F	S	S
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST 2026

EVENTS		WEEK
6 Aug	Financial Aid /Scholarship Application for Returning Students for Fall 2026-27 Submission Deadline	
9 Aug	**Last Day of Classes**	6
10 Aug	**Final Exams Period *** **	
14 Aug	Financial Aid/ Scholarship Application for New Prospective Students Fall 2026-27 Submission Deadline	
15 Aug	Final Grades Released****	

AUGUST 2026

M	T	W	T	F	S	S
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18	19	20	21	22	23	24
25	26	27	28	29	30	31

Fall 2026-2027 Semester

EVENTS	
24 Aug	**First Day of Classes**

- PUBLIC HOLIDAY
- EXAMINATION DATES
- FIRST/LAST DAY OF CREDIT CLASSES

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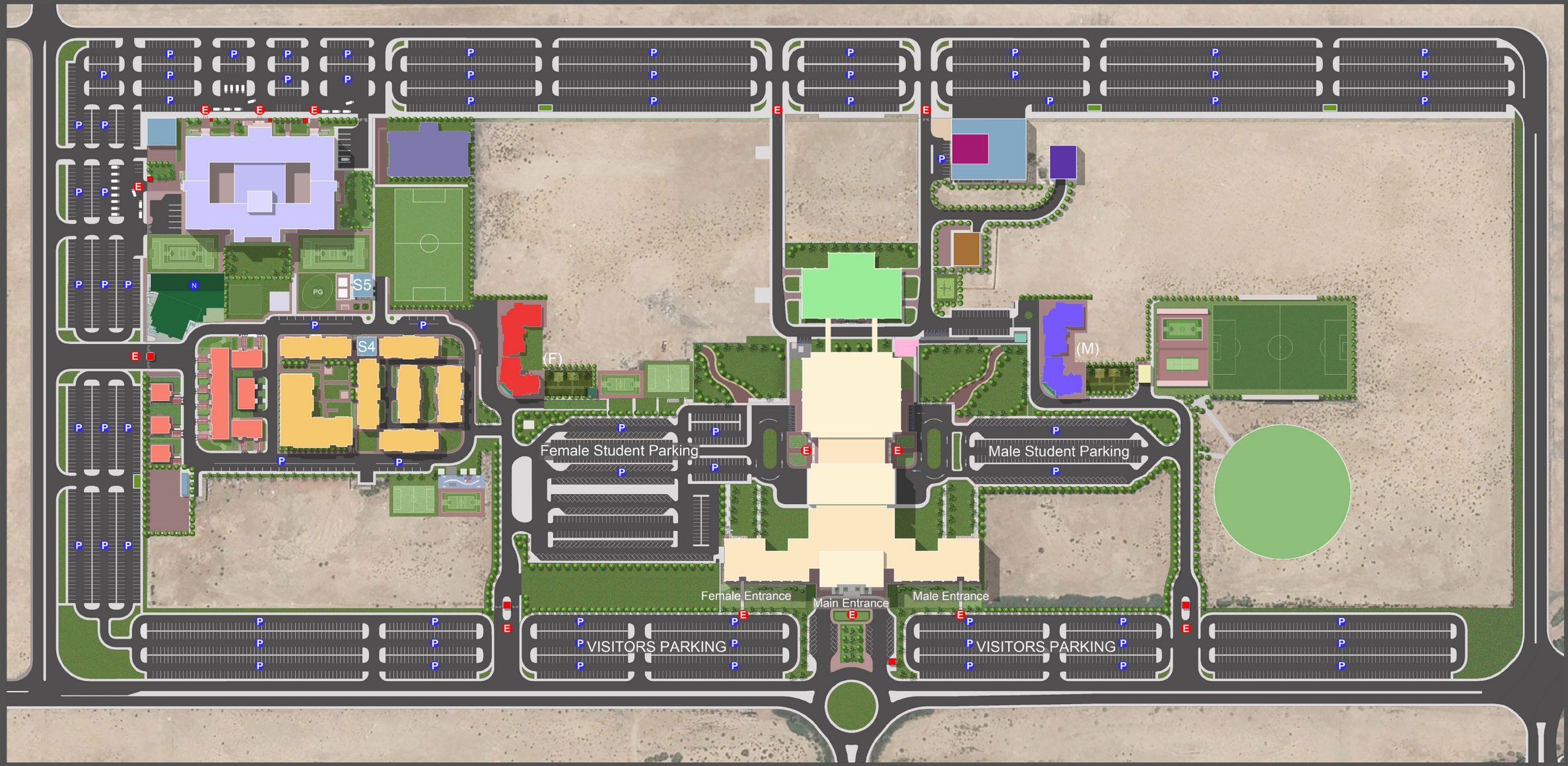

ADU BUILT UP AREAS OF ALL THE BUILDINGS AND OTHER DETAILS

- ADU MAIN EDUCATION BUILDING
- MAIN EDUCATION BUILDING EXTENSION
- BRITISH SCHOOL (BISAD)
- BISAD SPORTS CENTER
- FACILITIES MANAGEMENT OFFICES
- STUDENT NEW & OLD MALE ACCOMODATION
- STUDENT NEW & OLD FEMALE ACCOMODATION
- FACULTY/ STAFF ACCOMODATION
- EXECUTIVE & DEANS VILLAS
- MOSQUE & COMMUNITY CENTER
- SUBSTATION & SERVICES
- WAREHOUSE
- SPECIALIZED LABS BUILDINGS
- NEW CRICKET SPORTS FIELD
- N NURSERY
- GUARD
- E ENTRANCE
- P PARKING

ABU DHABI UNIVERSITY

CAMPUS SITE LAYOUT PLAN (CURRENT STATUS)

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registrar@adu.ac.ae

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