College of Graduate Studies
Welcome to the University of Sharjah

Welcome to the University of Sharjah (UOS), a university providing first-class education to students from the UAE, Arab countries, and to students from around the globe.

The University of Sharjah offers academic programs in a broad range of disciplines that truly define it as a world-class university. Programs cover an impressive range of fields and scope including the Arts, humanities and social sciences, Islamic studies and Sharia law, international and civil law, communications and the media, the sciences, business, engineering and architecture, fine arts and design, medicine, pharmacy, dental medicine, health sciences and community college programs.

Studying at the University of Sharjah, a prominent and comprehensive university, offers many advantages. You will be exposed to numerous course and program options that will allow you to combine disciplines so that you may participate actively in addressing both today’s challenges and those of the future. You will also enjoy the flexibility of choosing from a wide range of options the program that best matches your talents, aptitude and interests. Lastly, at the University of Sharjah, you will experience a wonderful journey of self-discovery and learning that will bring your best abilities to the forefront.

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The College of Graduate Studies (CGS) endeavors to realize the university’s mission to attain excellence in its graduate studies programs. To this end, the College offers complete support to graduate students and encourages faculty and students to conduct research. In coordination with the University’s academic departments, the College of Graduate Studies works to:

a) admit graduate students, monitor their academic progress, and follow up on all student’s affairs from admission to graduation.

b) organize the process of thesis supervision and forward the academic department’s recommendations to the Graduate Studies Council.

c) examine study plans proposed by academic departments for graduate students.

d) draft necessary guidelines and regulations aimed at promoting graduate studies.

e) manage the University’s master and PhD programs in both the Arabic and English languages.

f) Enhancement of graduate student’s transferable professional skills such as entrepreneurship, management, leadership, science communication and ability to work as member of a team.

VISION
To be the most distinguished university in graduate education in UAE, and to be the first choice university for graduate students in the region.

MISSION
Promoting high-quality competitive graduate education that provides the society with leaders capable of advancing knowledge, driving creativity and innovation, and contributing to the national and global development.

VALUES
The College of Graduate Studies seeks implementation of its mission taking into account the following values:

• Achieving excellence in graduate education
• Diversity, equity and inclusion among students and faculty
• Professionalism
• Accountability
• Ethical conduct in graduate studies and research
• Professional development of graduate students
• Preservation of academic standards
GOALS
• Changing the graduate education at UoS into a student centered education system
• Enhancement of graduate student’s transferable professional skills such as entrepreneurism, management, leadership, science communication and ability to work as member of a team
• Alignment of graduate education system (courses, curricula, research, and students traineeship experiences) with the needs of prospective employers (universities, industry, and government)
• Improving graduate education at UoS by adjusting faculty reward and incentives for effective teaching, advising and mentoring of graduate students
• Establishment of a system that enables graduate student’s career exploration and expose them to career options.
• Establishment of a unified comprehensive Institutional Data on Graduate programs, students and alumni.

ACCREDITATION AND QUALITY ASSURANCE
NATIONAL ACCREDITATION
The University of Sharjah is fully licensed and the Commission for Academic Accreditation (CAA) of the Ministry of Higher Education and Scientific Research in the United Arab Emirates accredits all its programs.

INTERNATIONAL ACCREDITATION AND RECOGNITION
The general policy of the University of Sharjah is to ensure that all its programs are offered in accordance with the highest of international standards in terms of quality and content. For this reason, the University aims to obtain full accreditation and recognition from prominent international organizations as applicable to various programs of study.

ABET ACCREDITATION
The following programs offered by the College of Engineering are accredited by the Engineering Accreditation Commission of ABET.
• Civil Engineering
• Electrical and Electronics Engineering
• Computer Engineering
• Industrial Engineering and Engineering Management
• Sustainable and Renewable Engineering
• Mechanical Engineering
• Nuclear Engineering
• Architectural Engineering

GLOBAL STRATEGIC ALLIANCES
The University of Sharjah strives to sustain long-term cooperation agreements and strategic alliances with renowned academic institutions around the globe. These agreements ensure that your education is constantly of the highest international standards. Cooperation agreements have been signed with the following universities:

USA
• California University of Pennsylvania
• The University of Arizona
• The University of California – San Diego

Canada
• McMaster University
• Carleton University
• École de Technologie Supérieure (ETS)

United Kingdom
• University of Exeter
• The University of Sheffield
• Durham University
• The Royal College of Surgeons of England

Malaysia
• Universiti Malaysia Perlis
• International Islamic University Malaysia
• University of Malaya

Australia
• Monash University
• The University of Adelaide

Lebanon
• American University of Beirut
• Beirut Arab University

Germany
• Karlsruhe Institute of Technology (KIT)
• Johannes Gutenberg University

United Arab Emirates
• American University of Sharjah

Royal Hashemite Kingdom of Jordan
• Jordan University of Sciences and Technology
• University of Jordan

Egypt
• Cairo University
• Ain Shams University

France
• Paris 7 University (Paris Diderot)

Italy
• CA’ Foscari University of Venice

Bahrain
• Royal College of Surgeons in Ireland - Bahrain (Medical College of Bahrain)

Morocco
• Sidi Mohammed Bin Abdullah University

MEDICAL AND HEALTH SCIENCES CAMPUS
The Sharjah Surgical Institute (SSI) offers training program for surgeons from the region, in cooperation with international partners, including Johnson and Johnson and Olympus.

The Clinical Training Center (CTC) is accredited as a medical training and testing center by the:
• Royal College of Surgeons in England
• International Federation of Surgery and Obesity and Metabolic Disorders (IFSO)
• European Association for Endoscopic Surgery (EAES)
• American Heart Association
• Ministry of Health in United Arab Emirates

Programs offered by CTC are accredited by the International Federation of Surgery and Obesity, Metabolic Disorders (IFSO) and the European Association for Endoscopic Surgery (EAES).

AACSB ACCREDITATION
Accreditation is currently in progress for programs in the College of Business Administration by the Association to Advance Collegiate Schools of Business (AACSB).
ADMISSION FOR GRADUATE PROGRAMS

Admission Requirements for Master programs

- The applicant must hold a bachelor’s degree or equivalent from a university recognized by the ministry of higher education (MOHE) at the UAE with a minimum CGPA of 3.00
- A CGPA between 2.5 - 2.99 may be admitted conditionally.
- Attendance in the bachelor’s degree program must not be less than 75%
- Students in programs taught in English must obtain 550
- In programs taught in Arabic, the student is required to take and pass an English course as perquisite during the first semester of admission. The student however, may be exempted from this perquisite if he/she scores 400 points on TOEFL or 4.0 on the IELTS, but for the Applied Sociology and law programs, the student must obtain 450.

Admission Requirements for PhD programs

- The student must hold a master’s degree with a minimum grade of “Very Good” (3.0 out of 4.0) and a bachelor’s degree with a minimum grade of 2.5 out of 4.0 or equivalent from a university, college, or an institute recognized by the Ministry of Education of the UAE.
- Students in programs taught in English must obtain 550 on the TOEFL (PBT) (should be taken inside the university), 79 on the TOEFL (IBT) (outside the university) or 6 on IELTS (Academic). For the Ph.D. in Applied Sociology and Law programs, the student must obtain 500 on the TOEFL (PBT) (should be taken inside the university), 61 on the TOEFL (IBT) (outside the university) or 5.0 on IELTS. For the programs taught in Arabic, the student must obtain 450 on the TOEFL (PBT) (should be taken inside the university), 45-46 on the TOEFL (IBT) (outside the university) or 4.5 on IELTS.
- Passing the personal interview.

Admission Requirements for EMBA program

- Meeting the general requirements of admission that are mentioned in the By-laws for the award of the Master’s degree at the University of Sharjah and the Executive Regulations of Master’s Program.
- A minimum of 4 years of work experience in a managerial position (middle or upper management) that entails the tasks of decision-making and supervision of a number of employees. Professionals such as lawyers, medical doctors, engineers who are running their own practice would be considered as managers.
- Applicants may be asked to attend a scheduled personal interview to judge the candidate’s seriousness and professionalism.
- The “fast track” applications, if any, will be carefully examined to ensure that the college and University ensure proper application of the University standards.
- The EMBA does not have a thesis or research project requirement.

Required Documents should be in PDF

1. Certificate equivalence from the Ministry of Higher Education and Scientific Research for Certificates issued from outside the UAE.
2. Certified Colored Copy of the University Degree
3. Certified Colored Copy of the University Transcript
4. Colored Copy of Identity Card and Passport
5. Colored copy of Family Book or Residence Visa
6. Letters of Recommendation from Two Professors
7. Curriculum Vitae
8. Two Recent Colored Photos
10. Alumni Card (for UoS Graduates)
11. Payment of Application Fees (Non-Refundable) in (AED 420)
COLLEGE OF SHARIA AND ISLAMIC STUDIES

Leading college in the field of Islamic sciences at the level of golf countries and the Arab and the Muslim world featured with excellent academic programs based on moderation.

The college of Sharjah stands on instilling values of education and learning, research and community services, manifested in: academic excellence, scientific research while observing property rights, social and moral responsibilities, and making students the core point of educational process, invention, creativity and innovation in both practical and professional levels, and paying much attention to cultural dimension. In addition to establishing practical leadership demonstrating rule model, and flexible communication, transparency and accountability.

MASTER IN EXEGESIS AND HADITH

The growing need for highly qualified individuals to fill lead positions in educational and proselytizing (Da’awah) institutions in the country has made it necessary to enable UAE nationals and residents to access higher education programs in their chosen specializations and effectively implement the country’s development plans. In response to this need, and in accordance with the mission and vision of the University of Sharjah and the College of Sharia and Islamic Studies, the Department of Foundations of Religion has launched this program; especially that it possesses a wealth of qualified faculty, and teaching and research resources.

Program Objectives

The program aims to:

1. respond to the needs of the society by training skilled researchers in the fields of Qur’anic exegesis and hadith
2. enable students to build a distinctive Islamic moral character endowed with proper understanding of the Holy Qur’an and prophetic traditions and able to create a balanced mix of modernity and traditions.
3. raise awareness of the various trends of Qur’anic exegesis and different schools of hadith studies in interpreting verses of the Quran and hadiths to derive Sharia laws and edicts.
4. immerse students in the study of Qur’anic and hadith to become better able to face contemporary challenges.
5. reinforce students’ sense of national and religious identity and guide them to perceive the unparalleled wealth of the two sources of Islamic edicts, the Quran and hadith, and what they can offer the whole of humanity in the form of a comprehensive code of ethics that regulate an individual’s relationship with God, his fellow human being, society and the whole universe.

MASTER OF JURISPRUDENCE AND ITS FOUNDATIONS

In order to build qualified individuals and person to serve the community and society, it is required to create opportunities for local citizens and residents to further their educational careers, so that they contribute to implement development plans. Moreover, the department of Jurisprudence and its Foundation has qualified faculties, library, resources and all needed requirements to establish post-graduate programs and work towards development in the light of mission and vision of the university, and what serves the college of Sharia and Islamic Studies.

Program Objectives

The program aims at achieving the following goals:

1. To respond to the need of the society and provide qualified graduates scientifically and well-grounded in research methodology in the field of Jurisprudence and its Foundations.
2. To urge spirit of reasoning in accordance to prominent Muslim scholars, so to respond to the contemporary emerging issues.
3. To provide universities, research centers, courts and social institutions with excellent graduates and well qualified specialists those are capable to observe methodology in the field of Jurisprudence and its Foundations.
DOCTOR IN PHILOSOPHY IN HADITH AND ITS SCIENCES

This program’s mission is a natural extension of that of the University of Sharjah that aims to turn the University into a center of scientific, intellectual and cultural excellence at the local, regional and global levels. This mission is achieved through its outstanding teaching practices, scientific research and community service. Ph.D. Hadith and its Sciences is an essentials part of the college’s endeavors to offer quality graduate degrees and promote excellence in academic research.

Program Objectives

1. Enable students to acquire the academic skills necessary for pursuing specialized studies in the field of hadith studies.
2. Enhance students’ academic and intellectual skills that would enable them to meet the needs of the University and other academic institutions.
3. Train students to conduct research in hadith studies of such quality that would contribute to the wealth of knowledge in the field.
4. Instill the spirit of creativity and scholarly development in the students and reinforce their sense of pride in their cultural heritage.

DOCTOR OF PHILOSOPHY IN EXEGESIS AND QURAN SCIENCES

This program is a natural extension of the University of Sharjah’s mission to be a center of scientific, intellectual and cultural radiation at all levels of local, regional and global levels through its established functions in teaching, scientific research and community service. In the university.

Program Objectives:

1. Establishing the specialized scientific base in the field of Hadith and its sciences in the student.
2. Developing the students’ specialized intellectual skills and skills to meet the needs of the university and the role of science.
3. Enable the student to conduct research and studies in the modern and its sciences in a manner enriching knowledge in this specialty.
4. Instilling the spirit of creativity and development of the student’s continuing professional knowledge, and enhancing his confidence in his heritage and civilization.

DOCTOR OF PHILOSOPHY IN JURISPRUDENCE AND ITS FOUNDATIONS

The program aims at generating a generation of scholars in the area of Sharia and Islamic studies, those who sensitize the reality and provide solutions for the emerging issues with all flexibility of Islam and full consideration of Moderation, and balance. To produce experts who observe Islamic spirit of tolerance and respect of other cultures and religions in accordance with Islamic principles and guidelines.

Objectives of the program are as follow:

1. To support scientific research and provide students with necessary knowledge, skills and mechanism of the modern scientific research.
2. To prepare well-grounded specialists in the field of Sharia and Islamic to fill up needs of the market, universities and institutions.
3. To provide different centers with specialized experts in related field.
4. To provide society with qualified graduates scientifically and well-grounded scholars in contemporary research methodology in the field of Jurisprudence and its Foundations.
In 1997, the College of Arts and Sciences was established as one of the main colleges of the University of Sharjah. The College was split up into two colleges in 2009/2010: College of Sciences and College of Arts, Humanities and Social Sciences. The College of Arts and Sciences was established as one of the main colleges of the University of Sharjah. Since then, a large number of students graduate from our undergraduate programs. In 2001, our M.A program was launched and attracted a respectable number of students.

The Department of Arabic Language and Literature has witnessed a remarkable increase in the number of students applying for the M.A program as it clearly responds to the development needs of the UAE. It also supports the endeavors of the University of Sharjah to meet the growing needs of the local and regional community for specialized researchers in the fields of Arabic Language and Literature.

Program Objectives
1. Providing students with a broad and in-depth scientific knowledge base of the concepts, and the grammatical, literary, critical and rhetorical skills of the Arabic Language.
2. Enabling students to keep abreast of modern knowledge, curricula and theories in the fields of language and literature, while enhancing their skills in heritage studies.
3. Training students to write sound scientific research papers in the fields of language studies and literature.
4. Enhancing students’ problem solving and critical thinking skills to improve their performance in the fields of education and scientific research.
5. Reinforcing students’ spirit of belonging to religion, homeland and nation, and helping to develop virtuous values of self-reliance and teamwork.

M.A in Translation Program

As an institution of higher education, the University of Sharjah seeks to provide continuous and specialized education which aims at training human resources that are both capable of contributing to the sustained development of the country and enhancing its links with an ever-changing world. The Department of Foreign Languages, being keenly aware of these objectives, realizes that, in a world undergoing an irreversible process of globalization, there is a growing need for people who are in full command of the language that this process requires. Such people will need to be abreast of the latest developments in the world arena, to transfer the knowledge the country needs in the various fields of human endeavor, and to convey an accurate picture of the progress the country is undergoing in its own attempt to be in the forefront of developing nations. The overall mission of the MA in Translation Program in the Department of Foreign Languages is to serve the needs of the community in the fields of education, communication, business and diplomacy. Young men and women graduating with a Master’s Degree from the Department are expected to competently fill key positions in these fields and to contribute to the ongoing process of modernization and development in the United Arab Emirates.

Program Objectives

- To provide students with the basic theoretical principles of the major approaches to translation.
- To acquaint students with the characteristic discourse features of various Arabic and English text types (legal, business, journalistic, political, religious, scientific, etc.) and to give them intensive training in translating these texts.
- To promote students’ awareness of the (a) relationship between culture and translation; (b) cross-cultural differences and similarities between English and Arabic and; (c) translation traditions and trends characteristic of the two languages.
- To promote the transfer of Arab and Islamic culture to English-speaking countries.
- To turn out graduates who are reasonably qualified to serve the needs of both the private and public sectors.
- To acquaint students with the principles of consecutive interpretation of political speeches and interviews from and into Arabic.
- To develop students’ research skills in the areas of translation, machine translation, contrastive linguistics, and lexicography.
- To equip students with transferable skills, particularly critical thinking and problem solving.
- To prepare students interested in further research to pursue their Ph.D. studies in translation.

M.A in History and Islamic Civilization

The Department of History and Islamic Civilization is recognized for its pioneering projects in the UAE. It was established the same year the University of Sharjah was inaugurated and was the first to offer a master's degree in history along with its bachelor’s degree. It was also one of the first departments in the University to receive academic accreditation from the then Ministry of Higher Education and Research in 2002/2003.

The significant role this department is envisaged to play in strengthening the Arab and Muslim identity was emphasized when His Highness Sheikh Dr. Sultan bin Muhammad Al Qasimi, Member of the Supreme Council, Ruler of the Emirate of Sharjah, and President of the University of Sharjah taught here when the department was first established. This has also had a substantial effect on the development and progress of the department.

The MA History program fulfills the university’s vision to serve the local and regional communities and provide them with keen researchers in history and Islamic civilization. Consequently, the department has been able to attract a constantly increasing number of students from the UAE and many other countries. In addition, its alumni include a number of local leaders from various government and private institutions.

The mission of this program is produce highly qualified graduates equipped with sound knowledge of the field and modern research skills. This will enable them to pursue doctoral programs and meet the needs of the country and the region.
**Objectives**

Train researchers in the fields of history and Islamic civilization.

1. Provide universities and research institutes in the country and the region with highly skilled researchers
2. Preserve the Arab and Islamic identity through scientific studies that highlight the achievements of the nation throughout history
3. Correct false perceptions of the history of the nation through rigorous studies that highlight its significant contributions to human progress in all fields
4. Train highly skilled historians who are able to use reason and evidence to protect the history of their nation from distortion and prejudice and who believe in the principles of cultural exchange, objectivity and analytical thinking

**MASTER OF ARTS IN APPLIED SOCIOLOGY**

The department's vision is to gain a reputation as a scientific and academic center of excellence at the local, regional and international levels. It seeks to maintain this reputation by providing quality education and enhancing the skill level of the workforce in the field in the country. We aim to enable our graduates to compete in the area of social sciences research, where they can address social issues and policymaking in the UAE, the Arabian Gulf and other Arab societies. In addition, the department aims to achieve distinction in university and community service.

**Program Goals**

1. Enable students to understand the theoretical and analytical frames for social and security phenomenon, which empowers them to apply their acquired knowledge to social research
2. Empower students to use applied sociology concepts to better understand the roles of governmental and non-governmental organizations
3. Train students to identify and solve social problems using their critical thinking skills
4. Train students to design social policy, devise plans and programs, and identify applied fields
5. Nurture future leaders in social work
6. Develop and support students’ initiatives in a variety of areas of social work
7. Supply the field with highly trained and qualified leaders
8. Qualify students to work in social research and education

**DOCTOR OF PHILOSOPHY IN APPLIED SOCIOLOGY**

The program aims:

1. Enable students to employ advanced sociological theories in the analysis of social phenomena and problems
2. Support students to acquire advanced applied research skills
3. Enable students to prepare and design social policies, strategic plans and programs
4. Train students to work in relevant national, regional or international institutions
5. Train highly qualified future leaders in comprehensive development, social work and national security
6. Equip trained and qualified professionals to meet the needs of social, economic and political development
7. Develop and support students’ initiatives in various fields of development, social work and criminal justice

**UNIVERSITY OF SHARJAH - COLLEGE OF GRADUATE STUDIES**
CO CONNOLLLE OFE OF BUSINESS ADMINISTRATION

It is a great pleasure to welcome you to the College of Business Administration (CoBA). Our college enjoys a long tradition of teaching, research and business engagement. The college offers undergraduate, MBA, Executive MBA and DBA programs in business and management providing a solid platform for research, discussion and debate on an extensive range of private and public sector issues.

EXECUTIVE MASTER IN BUSINESS ADMINISTRATION PROGRAM

The UOS EMBA program has been designed to deliver high quality management education to middle and upper level managers in the private and public sectors, with an express emphasis on the Gulf and UAE business environments.

The EMBA at UOS is designed to be as rewarding as it is rigorous, providing ample opportunity for personal development and professional growth in an interactive learning and teaching environment. The discourse in the EMBA class-room reflects a participative process of inquiry and insight, guided by our highly qualified faculty.

The overall goal of the EMBA is to deepen and broaden the participants’ core managerial competencies to further enhance their professional growth.

Program Objectives
- Graduates will demonstrate advanced business knowledge required for effective management of modern business organizations.
- Graduates will demonstrate the leadership skills which add value to their organizations.
- Graduates will demonstrate the ability to communicate effectively.

MASTER OF BUSINESS ADMINISTRATION (MBA)

The College of Business Administration (CoBA) at the University of Sharjah (UoS) has grown rapidly over the last few years, since its inception in 1997. The College currently offers four bachelor degree programs in Accounting, Finance, Management, and Management Information Systems. Prior to the launch of our new program (MBA), the only available postgraduate program was the Executive MBA program for full-time executives, although, a strategic gap remained in the spectrum of program ranges.

The new MBA program incorporates two unique options. First, it gives students the opportunity to complete a general MBA either by coursework only or coursework plus a research project.

- In the first option, the MBA can be completed with 11 courses (33 credit hours)
- In the second option, students will complete 9 courses plus a project - thesis, which is equivalent to 6 credit hours. An MBA with research project option will facilitate the pursuance of a Doctoral degree after completing the program.

Aims and Mission of the Program

The main objective of the program is to prepare graduates for managerial careers by developing their theoretical and conceptual knowledge of business and management and thereby allowing them to cultivate their interpersonal and professional skills.

Program Goals

1. Equip students with advanced concepts and theories in core business areas and their practical applications
2. Provide students with advanced skills needed to function effectively in multiple business settings
3. Offer students the opportunity to explore and manage real-life business problems in depth
4. Enhance students an appreciation of ethical and human values in light of business administration activities and applications
5. Establish a student’s ability to peruse new knowledge necessary to succeed in a dynamic and local international business environment

DOCTOR OF BUSINESS ADMINISTRATION

The DBA program mission is to help professionals, managers, and executives to be better users and producers of practical knowledge in order to attain academic credentials and professional advancement and improve the practice and performance of their organizations.

Program Objectives

1. Deeply understand and relate key concepts, theories, issues, and debates in relevant business research and domain knowledge.
2. Evaluate and critically review research at the forefront of the discipline or professional practice of interest.
3. Evaluate the practical implications of relevant research to address critical business challenges.
4. Translate sound research findings into useful recommendations for managerial practices.
5. Ascertain the appropriate qualitative or quantitative methods to successfully address original or applied research questions.
6. Produce and present high quality, peer-reviewed, original or applied research.
7. Persuasively communicate and defend ideas and research findings both orally and through formal research writings and presentations.
8. Participate in scholarly research activities towards others and make sound judgments in dealing with ethical issues in research and related activities.
9. Lead and contribute positively to group discussions, debates, and presentations.

3. Be adept at applying quantitative and qualitative research methods to produce and publish sound original or applied research.
4. Communicate and defend rigorous research ideas, studies, and findings to both academic and professional audiences.
5. Demonstrate high ethical and professional standards in research, conduct, and relationships.

By the end of the program, students should be able to:

1. Communicate and defend rigorous research ideas, studies, and findings to both academic and professional audiences.
2. Evaluate and critically review research at the forefront of the discipline or professional practice of interest.
3. Evaluate the practical implications of relevant research to address critical business challenges.
4. Translate sound research findings into useful recommendations for managerial practices.
5. Ascertain the appropriate qualitative or quantitative methods to successfully address original or applied research questions.
6. Produce and present high quality, peer-reviewed, original or applied research.
7. Persuasively communicate and defend ideas and research findings both orally and through formal research writings and presentations.
8. Act with integrity and professionalism towards others and make sound judgments in dealing with ethical issues in research and related activities.
9. Lead and contribute positively to group discussions, debates, and presentations.
COLLEGE OF ENGINEERING

The College of Engineering is currently the largest college in the University of Sharjah, with about 3400 students enrolled in its undergraduate and graduate programs. In the wake of the challenges that are reshaping modern engineering education in the world, the College of Engineering is focusing on quality and excellence in designing and delivering its undergraduate and graduate educational programs. Seeing its students as the government, industry and academic leaders of the future, the College of Engineering ensures that the educational programs that it is offering are fit for a fast-moving knowledge-based economy where research, innovation, entrepreneurship, international collaboration, and global socio-economic dimensions are of critical importance. These programs not only prepare students for entering the job market upon graduation but also equip them with the required knowledge and skills that make them succeed as future leaders in their chosen disciplines anywhere in the world.

The College is committed to building close relationships between faculty, students, alumni, and employers as part of its endeavor to continuously assess and improve its academic programs in line with national and international accreditation standards.

MASTER IN CONSERVATION MANAGEMENT OF CULTURAL HERITAGE

Master of Science in Conservation Management of Cultural Heritage program is offered in collaboration with the International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM). In the Arab region, there are currently only a few academic programs dealing with the conservation of cultural heritage; almost all of which deal with narrow areas of the conservation of cultural heritage.

This program looks at the cultural heritage form a comprehensive point of view, taking into consideration technical, cultural, historical, and management aspects. This unique program places the UAE in the forefront of countries in the region that offer higher academic programs in the field of cultural heritage conservation. The main objective of this program is to enhance conservation practices among specialists and experts in the region which serves the development of the values of conservation in the Arab world. The program has been designed to include the importance of a multidisciplinary perspective and to provide students with a strong theoretical background, as well as practical training necessary to develop their conservation and heritage management skills. This will help students to develop analytical thinking skills, strong ethical foundations, and develop their ability to work in teams. This program is carefully structured and it takes advantage of a broad range of specialists and experts in various fields of conservation to provide graduates with the knowledge, skills and attitudes required for safe practice.

Program Objectives:

1. Provide students with a comprehensive understanding of the theories, methods, laws and legislation of the conservation and management of cultural heritage and its development.
2. Introduce students to the contributions of various fields and disciplines in the field of the cultural heritage management.
3. Provide students with the skills necessary to prepare, implement, evaluate and monitor cultural heritage management plans.
4. Provide students with the training to analyze the problems and challenges facing the conservation of cultural heritage and to find appropriate solutions.
5. Develop the students’ decision-making skills based on analysis and scientific research that are used towards the development and management of policies and projects related to the conservation of cultural heritage.
6. Provide students with the training to work in a team or individually in different contexts in the field of cultural heritage.
7. Develop the students’ research and learning skills in the fields of conservation and management of cultural heritage.
8. Develop the students’ abilities to interact and communicate with local communities and specialists in the fields of cultural heritage.
9. Provide students with the training to apply the best accepted theories, methods, standards, ethics and practices in the conservation and management of cultural heritage.

MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE AND ENGINEERING

The Department of Civil & Environmental Engineering is introducing the MSc ESE Program to provide the opportunity for qualified graduates in different disciplines from science and engineering to advance their knowledge and skills in modern environmental perspectives and challenges. The intent is also to prepare students to engage in multidisciplinary fields with independent and collaborative research in academic, governmental, and industrial contexts. During this learning process, students will participate in knowledge generation and improvement, research synthesis, and knowledge/technology transfer. The Program is also intended to support the development of quality and relevant research, especially applied research in pertinent environmental fields to UAE and the region.

Program Objectives

1. Demonstrate strong level of competencies to develop leadership roles in different professional environmental sciences and engineering organizations and projects.
2. Contribute to the development of innovative research and technologies for solving environmental problems and able to pursue professional and academic career.
3. Provide scientific advice for seniors working in policy development and decision making.
4. Identify and address current and future environmental problems related to non-renewable resources within sustainable development framework.

MASTER OF SCIENCE IN CIVIL ENGINEERING (MSCE)

Civil Engineering is a vital profession in the development of cities and societies. Civil Engineers are involved in the planning, analysis, design, and problem solving of a variety of projects that directly serve the needs of societies for buildings, bridges, roads, water supply systems, dams, canals, sanitation systems, environmental protection systems, and risk management systems. Civil engineering includes a variety of sub-disciplines, including environmental engineering, geotechnical engineering, structural engineering, transportation engineering, municipal or urban engineering, water resources engineering, materials engineering, coastal engineering, surveying, and construction engineering. To meet the demands of the rapid developments in the field, civil engineers must be up to date in their knowledge, motivated self-educators, and involved in lifelong learning.

The Department of Civil & Environmental Engineering at the University of Sharjah offers a Master of Science in Civil Engineering (MSCE) Program that prepares graduates to confidently confront current and future challenges in an exciting profession and equip them with advanced knowledge, practical skills, knowledge discovery, and application skills. The MSCE program is officially accredited by the UAE Ministry of Higher Education and Scientific Research.
The Department has well qualified faculty and lecturers with many years of academic and practical experience both regionally and internationally. The expertise of the academic staff spans the main disciplines of modern civil & environmental engineering. In addition, the department has laboratory facilities that are furnished with the state-of-the-art equipment and analytical instruments in support of advanced experimental work for teaching, research, and community service. The laboratories are also staffed with qualified and well-trained laboratory assistants, technicians, and engineers.

The MSCE Program offers two broad specialization streams (areas) with optional concentration areas within the streams, as follows:

1. Structural Systems Engineering Stream, with the following concentration areas:
   a. Structural Engineering;
   b. Materials & Construction Engineering; and
   c. Geotechnical Engineering.

2. Infrastructure Systems Engineering Stream, with the following concentration areas:
   a. Environmental Engineering;
   b. Water Resources Engineering; and
   c. Transportation Engineering.

The two specialization streams enhance the interdisciplinary nature of the MSCE Program, which helps students to get advanced knowledge, practical skills, and knowledge discovery and application skills in more than one area of civil engineering specialization. This equips students with the means to confront current and future challenges in an exciting multidisciplinary civil engineering profession, which requires specialized and advanced knowledge, and skills in more than one area in civil engineering. Completing the requirements of a concentration in a particular stream requires completing at least two (2) Courses in the concentration area + completing the Thesis course in the concentration area appropriate to the chosen stream. Students who wish to have a particular concentration area recognized in their transcripts need to make a request in writing to the Department during the final semester of their studies.

Program Objectives

The CEE Department aims at offering degree programs that are recognized and accredited, preparing graduates with depth in their chosen area of focus. This equips students with advanced knowledge, practical skills, and knowledge discovery and application skills in more than one area of civil engineering specialization. This equips students with the means to confront current and future challenges in an exciting multidisciplinary civil engineering profession, which requires specialized and advanced knowledge, and skills in more than one area in civil engineering. Completing the requirements of a concentration in a particular stream requires completing at least two (2) Courses in the concentration area + completing the Thesis course in the concentration area appropriate to the chosen stream. Students who wish to have a particular concentration area recognized in their transcripts need to make a request in writing to the Department during the final semester of their studies.

Program Goals

The main goals of the MEM program are:
1. Prepare engineers from various specialties to address advanced and challenging engineering problems taking into account the technical and socio-economic factors and implications.
2. To prepare its graduates to confidently confront the challenges of the information technology revolution and prepare them for highly rewarding careers by providing advanced knowledge and skills. The Department aspires to have well-recognized engineering programs involving excellence in teaching and research.

Objective of the Master of Science in Electrical and Electronics Engineering is:
To strengthen the academic and professional knowledge of its students. The program is also intended to provide students with depth in their chosen area of focus. The specific objectives of the program are to:
1. Educate graduate students with the advanced knowledge and skills required to solve research oriented technical problems in electrical and electronics engineering.
2. Provide graduate students with an advanced grasp of theories and the insight required to enhance their professional careers and/or to pursue further higher education and lifelong learning.
3. Fulfill the future needs of the Research and Development (R&D) for various industries and establishments of the United Arab Emirates (UAE) and the region as a whole.
4. Promote a sense of leadership with emphasis on scholarship and professional ethics.

MASTER OF SCIENCE IN ENGINEERING MANAGEMENT (MEM) PROGRAM

Individuals with combined technical expertise and business skills are increasingly in demand by organizations that seek sustainable competitive advantage. If you hold a bachelor’s degree in engineering and your career goal is to be a manager or business leader, then the program in engineering management at the University of Sharjah is specifically designed for you. As part of its commitment to providing high quality education at both the undergraduate and graduate levels, the University of Sharjah launched a graduate program leading to a Master’s Degree in Engineering Management (MEM) in Fall 2013-14.

Program Objectives

The MAIN GOAL: The program aims at offering degree programs that are recognized and accredited, preparing graduates for professional life and advanced graduate studies, and responding to the research and development needs of the community, especially in the UAE and the region: The overall objective of the Master’s Program is to provide the opportunity for qualified engineers to advance their knowledge and knowledge discovery skills in the modern civil engineering specializations. The program supports the development of quality and relevant research, especially applied research. In addition, the program aims to satisfy the demand for highly educated professionals who can contribute to and lead the scientific and technological development of the UAE and the region.

Program Goals

The main goals of the MEM program are:
1. To prepare engineers from various specialties to address advanced and challenging engineering problems taking into account the technical and socio-economic factors and implications.
2. To prepare its graduates to confidently confront the challenges of the information technology revolution and prepare them for highly rewarding careers by providing advanced knowledge and skills. The Department aspires to have well-recognized engineering programs involving excellence in teaching and research.

Program Learning outcomes

Upon the successful completion of the MSc. in Biomedical Engineering program the student will be able to:
1. Identify and analyze potential problems in biomedical engineering.
2. Formulate structured solutions for biomedical engineering present and anticipated problems.
3. Implement solutions effectively in various domains in biomedical engineering and/or interrelated areas of industry, research, and clinical practice.
4. Promote advanced scientific research and scholarly activities that facilitate progression to higher academic degrees.
5. Prepare qualified future leaders in biomedical engineering field.

Program Objectives

The M.Sc. in Biomedical Engineering program is designed to achieve the following objectives:

1. Apply advanced theories and methodologies in the field of Biomedical Engineering.
2. Design and conduct experiments/simulations for biomedical research.
3. Communicate effectively in oral and written form to present complex and diverse Biomedical Engineering problems and solutions to professional audiences.
4. Value the principles of professional ethics issues and develop fair and valid judgments in contemporary contexts.
5. Function on multidisciplinary teams with management and leadership capabilities.
6. Propose advanced Biomedical Engineering solutions with sustainability factors in global, economic, environmental, and societal context.
7. Use advanced biomedical engineering tools to analyze and interpret data.
DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING

The Department of Civil and Environmental Engineering introduced the PhDCE Program to provide the opportunity for qualified engineers to advance their career through knowledge and knowledge discovery skills in the modern civil engineering specializations. The Program will enable its students to cover advanced theory and design procedures need to advance to higher level of competency in their profession. The Program is also intended to support the development of quality and relevant research, especially applied research in the various disciplines of Civil Engineering including: structural, geotechnical, environmental, water resources, transportation, pavement, and construction management. The program will help to satisfy the demand and national need for highly educated, qualified, and specialized engineers who can contribute to and lead the scientific and technological development in the UAE and the region.

Program Objectives
Graduates of the PhDCE Program will be able to fulfill the following educational objectives:

1. Successfully assume leading roles as academics, researchers and professionals engaged in identifying, formulating and solving current and emerging civil engineering problems;
2. Advance the scientific body of knowledge in civil engineering through original contributions communicated in scientific and professional publications and forums;
3. Demonstrate, embrace and foster principles of ethics and professionalism in research and practice and actively engage in community service. Embrace the principles of professional ethics, environmental consciousness and sustainability, personal responsibility, and service to the community.

DOCTOR OF PHILOSOPHY IN ELECTRICAL AND COMPUTER ENGINEERING

The Electrical Engineering Department (EE) at the college of Engineering and Computer Engineering Department (CPE) at the college of computing and informatics offer Doctor of Philosophy (Ph.D.) degree in Electrical and Computer Engineering. The Ph.D. program main goal is to provide advanced knowledge in Electrical and Computer Engineering topics with in-depth research experience. The program delivers a comprehensive list of courses based on the fundamentals of applied sciences, research and optimization methodologies focused on cutting-edge subjects in electrical and computer engineering

Candidates admitted to the Ph.D. program should hold a master degree in Electrical, Computer Engineering, or closely related field. The program requirements for the candidates to be awarded the Ph.D. degree are to successfully finish the course work along with the completion of a research-based dissertation.

The program develops the Ph.D. candidates’ proficiency in understanding fundamental and advanced issues in electrical and computer engineering, communicating their knowledge with excellent oral and written skills, and taking the lead in research and development in their field of expertise. The candidates should demonstrate their ability to engage independently in state-of-the-art research and provide original and significant contribution in their area of specialization.

Program Objectives
The PhDECE Program is designed to achieve the following goals (program educational objectives):
1. Continue to develop in-depth knowledge in advanced topics in electrical and computer engineering through life-long-learning
2. Disseminate new knowledge, concepts and ideas to the local and international community.
3. Conduct advanced research to fulfill the needs of the United Arab Emirates, the region, and the international community.
4. Develop leadership skills in a research-oriented environment with emphasis on scholarship, teamwork and professional ethics.

PHD IN ENGINEERING MANAGEMENT

The Program mission is to prepare students to be fully abreast of the latest developments in all areas of Engineering Management. This program is designed to suit students who are interested to be researchers in engineering management as well as those who hold or seek managerial and decision-making positions in public and private organizations characterized by innovation and technological leadership. Graduates of this program are expected to competently fill key positions in their fields of interest and to lead the ongoing process of modernization and development in the United Arab Emirates and abroad. The program seeks to equip students with the ability to define, evaluate, design, improve, and manage complex human technological systems for the purpose of optimizing certain objectives taking into account several interrelated factors such as economic, environmental, social, political, ethical, health and safety, sustainability, and others. Student admitted to the PhD program implicitly agree to comply with all rules and regulations of the program as published on the program website.

Program Objectives
The main goals and objectives of the doctoral program in Engineering Management are:
• To prepare graduate engineers from various specializations for successful research careers that combine depth in engineering research methodologies with broad knowledge of the socio-economic implications associated with major engineering decisions and technology innovations.
• To prepare graduate engineers to assume leading roles in researching current and new approaches to effectively manage change and leverage technological innovations.
• To enhance the creative abilities and confidence of its students in finding original solutions to pressing and complex problems:
• To raise the level of awareness of its students with respect to long-term sustainability factors associated with the adoption of new engineering process or technology.
• To prepare its students to be leaders in disseminating new knowledge and in imparting new concepts and ideas to members of the public.
The College of Health Sciences at the University of Sharjah aspires to become a leading academic institution for quality education, research, and community service at the national, regional and international levels.
COLLEGE OF LAW

The College of Law was established in 2001 to meet the demands of local and regional communities for qualified legal professionals holding bachelor degrees in law. Over time, the College has expanded in its programs to offer the masters program in private law in the fall of 2004-2005 and the masters program in public law in the spring of 2005-2006.

In light of the increasing number of those who wish to study law, the University established a branch for the College of Law in Khorfakkan in the fall of 2007-2008 admitting its first class of 45 students. Furthermore, the College established another branch in Kalba in the fall of 2010-2011. In the fall of 2014-2015, a total of 382 students enrolled in both branches. The College has continued to expand by offering programs to achieve its goals of providing skilled and professional academics, the College thus offered the doctorate program in law (Public Law and Private Law) in the fall of 2011-2012.

Program Goals

1. Developing the ability of graduate students to follow the scientific research methods in different branches of law
2. Developing the scientific research movement and enriching the knowledge in all branches of law with respect to the deep legal studies and solid research to realize an innovative scientific and empirical addition and to reveal new facts.
3. Meeting the needs of the community of the United Arab Emirates, in particular, and the Gulf Cooperation Council countries in general, by graduating qualified and specialized legal researchers.
4. Enabling distinguished students with a bachelor’s degree in law or baccalaureate in Sharia and law to pursue their higher study locally.
5. Providing universities, ministries, public and private institutions in the country with legal specialists capable to follow the scientific and technological developments and the related legislations
6. Contributing through deep scientific research in the development of existing legal systems in line with economic, social and scientific developments.

MASTER IN PUBLIC LAW

Introduction

The College established the Master’s Program in Public law to fulfill a three-dimensional aspect: knowledge, post-specialization, post-legal research, follow-up in comparative legal systems, and to take advantage of every new aspect in the public law. This requires the students to acquire knowledge and legal skills. The program itself is directed to contribute to the achievements of the mission of the University and to strengthen the university’s position as a center of intellectual, and scientific institution in all levels, local, regional and global levels, also to promote human resource development in order to develop society and preserve its identity.

Objectives of program

1. To developing the capacity of post graduate students to follow the scientific research methods in different branches of law
2. To developing scientific research movement and enriching the knowledge in all branches of law through deep legal studies and serious research to reach scientific outcomes.
3. To meet the needs of the community in the United Arab Emirates and the Gulf Cooperation Council States, by recruiting qualified and specialized legal researchers.

MASTER IN PRIVATE LAW

By establishing the masters program in law, the College of Law seeks to achieve three dimensions: post-cognitive, post-specialization and post-objective research in legal studies. This requires the Collage to follow the comparative contemporary legal systems and to take advantage of all aspect of modernity in the legal field, especially in the technology area and its impact on curricula and teaching methods. It also requires students to acquire knowledge and legal skills which the program works to achieve, and to prepare qualified specialists in the legal field, as well to contribute in achieving the University’s mission and enhancing its position as an intellectual, scientific and civilizational center at local, regional and international levels, to continue as a tributary of human resource development for the better of society and its preserved identity.

MASTER IN AIR AND SPACE LAW PROGRAM

The United Arab Emirates’ march towards globalization has created the need for professionally trained people to lead and manage the legal aspects of a global economy. The UAE is a contracting party to General Agreement on Tariffs and Trade (GATT) and one of the founding Members of the World Trade Organization (WTO). The Commercial Agency Law (revised in June 2010) is based on the principle of free and open economy that encourages local and international investment from people of all nationalities. To foster international trading ties and to attract MNCs & TNCs to establish their affiliates in the country, the UAE has signed several free trade agreements (FTAs) with the EU, the U.S., Australia, New Zealand and with all major economies of the world. Several new joint stock companies (both public & private) have been established in the UAE. The nation has a legal infrastructure to participate in the world economy.

On par with technologically advanced countries, the UAE has built world class air transport facilities and amenities to cater to the needs and demands of the global market. The GCAA is making excellent efforts to cater to the needs of passengers and cargo to and from various world destinations. The UAE’s geographic location lends itself to making the country a world hub in air transport. The UAE created a Federal Emirati Space Agency to capitalize on the growing Middle East presence in the global space industry. The UAE is building and improving its strengths...
in air transportation and commercial space development, and is poised to take its place among the world leaders in these fields.

Air and space law is the emerging area of study that addresses the legal and regulatory aspects of these economic strengths. There is an urgent need to educate UAE students and legal professionals with accurate knowledge in these fields in order to prepare them to lead the nation in its growth and development. Since we are living in the age of specialization in both public and private legal environments, air travel and transport companies prefer to recruit individuals who have excellent legal skills, language proficiency, and relevant legal work experience.

«Emiratization» is a mandate under the UAE law, with a goal to educate and employ UAE nationals to lead in both public and private sectors. The majority of law firms in the UAE are equipped with foreign lawyers, most of whom are educated with specialized legal skills. Consequently, few Emirati lawyers are able to participate in international and global legal transactions because they are not well equipped with specialized training, including air and space law related areas. The College of Law at University of Sharjah recognizes the lack of sophisticated legal training in this field and established a Master Degree (MASL) in Air and Space Law to address this need.

Thus, this Program should significantly help «Emiratize» the practice of air and space law in the UAE. There is an urgent need to educate and train UAE students in air and space law to produce first class international lawyers.

To meet the growing demand and to face these challenges, a systematic and academically rigorous approach is needed to provide in-depth training in air and space law. There is a growing demand in the UAE for lawyers, especially with specialized training in the field of air and space law. This demand is even greater with the establishment of a space agency.

Program Objectives

**Program Goals**

Goals of the Master Program in Air and Space Law are:

1. Provide students with the highest level of learning knowledge in air and space law.
2. Enhance self, social, academic and personal development of students through preparing them to undertake leadership positions in their chosen professions.
3. Enhance and enriching knowledge through exploration and scientific research in collaboration with various research institutions all over the world.
4. Contribute to the cultural, social, economic development of society through positive response and cooperation with public and private institutions and organizations.
5. Maintain and enhancing culture and both Islamic and Arabic heritage by supporting and developing academic and research programs in these areas as well as through liaising with other academic and cultural institutions in both the Arabic and Islamic world.
6. Enhance the quality and reputation of higher education in UAE by cooperating with other institutions of higher education.

7. Contribute to the development of education and human resources in Sharjah and UAE through adapting academic and professional programs which reflect the future needs of work market, and by providing continuous educational and training programs to enhance the level of knowledge and qualifications for workforces.

**DOCTOR OF PHILOSOPHY IN LAW-PRIVATE LAW**

By establishing the Ph.D program in private law, the College of Law aims to achieve three purposes: educational, disciplinary and meaningful research in the field of legal studies. In addition to following up with the latest comparative legal systems and benefiting from everything new in the field of legal knowledge and skills. It aims also to develop the national qualified people in the country as it adopts the concept of strategic planning in all areas.

Besides, this program is concerned with the human development of qualified legal and judicial and higher education persons to meet the needs of the job market in relation to this specialization and this level of study.

**Aims of the Program**

1. Consolidating the scientific and specialized legal base of the student in the field of law in both private and public branches.
2. Developing the student’s higher professional and intellectual skills.
3. Enabling the student to conduct comparative research and legal studies in private law branches in a way that enriches the legal knowledge.
4. Inculcating the spirit of creativity and development of the students continuing professional knowledge in the field of law.

**DOCTORATE OF PHILOSOPHY IN PUBLIC LAW**

**Introduction**

The College of Law seeks to establish a three-dimensional PhD program in public law to achieve: post-cognitive and post-disciplinary after a meaningful research in the field of legal studies and follow up the latest comparative legal systems, and take advantage and utilizing every new aspect in field of legal knowledge and skills. Also, the program aims to develop qualified nationals in the UAE to lead to strategic planning in all areas, such as human development, qualified legal and judicial practitioners and in the field of higher education to meet the needs of the renewed labor in the market.

**Objectives of Program**

1. Establishing specialized and legal scientific base for the student in the field of public law.
2. Developing the student’s higher professional and intellectual skills.
3. Enhancing the student’s set of comparative researches and comparative legal studies in public law branches in a way that enriches the legal knowledge.
4. Inculcating the spirit of creativity and continuous cognitive development of the student in the field of public law.
COLLEGE OF COMMUNICATION

MASTER OF ARTS IN COMMUNICATION

Introduction
The Master in Communication program seeks to prepare a generation of UAE and Arab students for the challenges of contemporary mass communication theory and practice through advanced study leading to a Master Degree in Communication.

Program Objectives
The Master in Communication Program seeks to achieve the following objectives:
• To provide students with diverse theoretical perspectives on communication.
• To enable students to engage in discussions relating to contemporary cultural, social and ethical media issues from Arab-Islamic and international perspectives.
• To build up UAE national capabilities in media scholarship and practical research.
• To foster long-term collaborative relations with the UAE community.
• To prepare students for Ph.D. studies in communication at internationally recognized universities.
• To transform the University into a center of excellence and expertise in the area of communication.

Doctor of Philosophy in Communication

Introduction
The Ph.D. program in Communication is dedicated to educating the next generation of communication scholars, professors, leaders, and practitioners for the digital age. The proliferation of communication technologies has dramatically altered communications, creating extraordinary challenges and opportunities for communication scholars and professionals locally and at globally. This includes the need to form new generation of educators and scholars who are conversant with the nature of modern communication technology and its impact on media, public relations industry, culture and social institutions. The program is expected to attract M.A. holders currently working or studying in the UAE as well as in the Gulf Cooperation Council states.

Program Goals
The program aims to accomplish the following goals:

Build up UAE national capabilities in communication scholarship and practical research.
Offer current knowledge and applied research in media and public relations
Satisfy the need of a significant number of master’s holders in the field to pursue a doctorate degree.
Foster long-term collaborative relations with the UAE community.
Enhance and empower students to engage in research using advanced theories and methods in communication.
Contribute to a better understanding of present issues relevant to communication issues and other cultural, social and ethical media issues in the region and at the international level.
Transform the College into a center of excellence and expertise in the area of communication.
Satisfy the need for Ph.D. holders in the UAE universities.

Program Learning Outcomes
Upon the successful completion of the program, students will be able to:
• To enable students to engage in discussions relating to contemporary cultural, social and ethical media issues from Arab-Islamic and international perspectives.
• To build up UAE national capabilities in media scholarship and practical research.
• To foster long-term collaborative relations with the UAE community.
• To prepare students for Ph.D. studies in communication at internationally recognized universities.
• To transform the University into a center of excellence and expertise in the area of communication.
• To enable students to engage in discussions relating to contemporary cultural, social and ethical media issues from Arab-Islamic and international perspectives.
• To build up UAE national capabilities in media scholarship and practical research.
• To foster long-term collaborative relations with the UAE community.
• To prepare students for Ph.D. studies in communication at internationally recognized universities.
• To transform the University into a center of excellence and expertise in the area of communication.

The College of Communication was founded in September 2002 to be an independent college instead of a department in the college of Arts, Humanities and Social Sciences.

Throughout its various programs in mass communication and public relations, the College of Communication aims to achieve its objectives of becoming a prominent, pioneering educational institution in the Middle East and to be academically accredited on the international scale. This objective has been achieved in 2016 when the College of Communication got accredited by the Accrediting Council on Education in Journalism and Mass Communication (ACEJMC) in the USA. The college is one of the very few colleges in the region to be honored with this accreditation, which refers to the educational standards set by the council and met by the college.
The mission of the College of Medicine is to provide the education of medical students and medical professionals through the creation of a scholarly environment that fosters excellence in the lifelong goals of education, research activity and compassionate patient care.

The mission and vision statements have been developed in consultation with a wide spectrum of stakeholders including parents, Ministry of Health, WHO representative, patients support groups, etc.

The University of Sharjah College of Medicine strives for national and international prominence by differentiating itself through excellence, in the full spectrum of medical education at the undergraduate, postgraduate and continuing professional development levels.

COLLEGE OF MEDICINE

The objective of the College of Medicine is to train PhD students to the highest standards of modern education in the field of Molecular Medicine. Graduates of the program should be able to perform independent and high quality research; they should also be able to present their works with great confidence. Ability to write scientific manuscripts and grant applications in the field of Molecular Medicine is also part of the education process. Emphasis of the program is placed on diseases that affect the local area such as diabetes, cancer, asthma and autoimmune diseases.

Program Objectives

1. Analyze the classification, presentation, and diagnosis of diabetes, pre-diabetes and disorders of glucose metabolism and to evaluate the implications of these diagnoses.
2. Appraise past, current and emerging therapies in Diabetes.
3. Provide efficiently and personalized health education to people with diabetes.
4. Evaluate design, development and implementation of local clinical practice guidelines for diabetes and alignment with the health system resources and health teams.
5. Critically appraise research evidence in the diagnosis, management, and prognosis of Diabetes to inform and support the ways in which you engage in clinical and lifestyle management for people with diabetes.

DOCTOR OF PHILOSOPHY IN MOLECULAR MEDICINE AND TRANSLATIONAL RESEARCH

The College of Medicine, while consolidating on its undergraduate innovative educational programs, initiated postgraduate programs offering Master and Ph.D. degrees in Molecular Medicine and Translational Research. The program started in mid-2016.

The College has succeeded in establishing strategic alliances with leading universities and institutions in Germany, Canada, Australia and U.S.A. Agreements have been signed by His Highness, Sheikh Sultan Bin Muhammad Al Qassimi, with Lubeck University in Germany to support postgraduate training and research in laboratories that have earned an international reputation. An important aspect of the agreement with Lubeck University is to establish a joint supervision of a Master and PhD programs in Molecular Medicine and Translational Research where the degrees are awarded by the two universities. Similar agreements are underway between University of Sharjah and McGill University as well as University of Ottawa in Canada.

The Master and PhD programs will be the cornerstone of the Sharjah Institute for medical research at the University of Sharjah.

Program Objectives

1. To educate future researchers through innovative teaching practices and opportunities.
2. To allow significant graduate student participation in cutting-edge research.
3. To provide an environment that fosters intellectual growth and professional development in the field of Molecular Medicine.

MASTER IN LEADERSHIP ON HEALTH PROFESSIONS EDUCATION

The Program aims at preparing health professions educators to build their skills as leaders in educating future health professionals and contribute to the improved scholarship of teaching and learning in health profession education through evidenced-based practice and research.

Program Objectives

On successful completion of the MSc LHPE program, students will be able to:

1. Apply knowledge and skills in the area of health curriculum design, delivery, evaluation and assessment with sensitivity to the culture, context of practice, and healthcare delivery systems in GCC countries.
2. Plan a culture related student learning and faculty development programs in the context of the health professions education environment.
3. Develop a vision for teaching and learning in the healthcare setting that is shared by all stakeholders and responds to diverse community needs.
4. Apply a leadership role as an effective educator and advocate for improved health profession education delivery.
5. Manage change in the health profession education context to deliver evidence-based practice and programs.
6. Integrate skills and knowledge gained throughout the program and apply it to an organizational development project.
7. Implement scholarship and education research activities in teaching and learning to contribute to the development of evidenced-based health professions education practice.
8. Integrate leadership skills with an in-depth understanding of the spectrum of medical education.

These competencies will be pursued through the provision of a flexibly structured program that responds to the needs and characteristics of diverse discipline fields and groups with a role in health professions education.

Masters Program in Molecular Medicine

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The Master and PhD programs will be the cornerstone of the Sharjah Institute for medical research at the University of Sharjah.

Program Objectives

The objectives of the PhD program in Molecular Medicine is to train PhD students to the highest standards of modern education in the field of Molecular Medicine. Graduates of the program should be able to perform independent and high quality research; they should also be able to present their works with great confidence. Ability to write scientific manuscripts and grant applications in the field of Molecular Medicine is also part of the education process. Emphasis of the program is placed on diseases that affect the local area such as diabetes, cancer, asthma and autoimmune diseases.

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We were established in 2004, and in collaboration with the University of Adelaide in Australia, we have developed a unique dental curriculum. By joining us, you will be exposed to an exciting learning environment, with caring faculty using state-of-the-art equipment.

Our pool of committed academic and professional staff are caring and multinational, we believe on supporting the dental profession at large and social engagement is part of our missions. Our research activities are translational based, aiming at finding practical solutions to oral health issues.

The college of dentistry aims to be a regional center for education, research and dental services focusing on the needs of UAE and gulf countries. The college aims to prepare students able to work in public and private sectors and to contribute of the advanced dental care in UAE and gulf region.

 Oral surgery is the art and science of surgical dentistry that deals with surgical management of trauma, congenital and acquired diseases of the mouth and its associated structures. The Master of Dental Surgery program in Oral Surgery provide the necessary fundamental sciences and surgical education and skills that would enable the dental practitioner to begin a career in oral surgery.

**Program Objectives**

The goals of the MDS-OS program are to enable students to:

1. Develop contemporary knowledge specifically in oral surgery, and relevant areas in dentistry and medicine to enable to make appropriate clinical decisions.
2. Acquire basic and advance skills in patient care, investigation techniques and clinical skills at a level of competency for safe practice.
3. Participate in multidisciplinary team work for effective patient care.
4. Develop and adopt high values in decision making, with contemporary evidence based knowledge and skills.
5. Communicate efficiently and practices the highest level of Ethics and Professionalism
6. Promote as an advocate for health and continue to be a life-long learner.

**MASTER OF DENTAL SURGERY IN ORAL SURGERY**

After introductory courses in comprehensive dentistry, the resident is trained in the full scope of periodontal and surgical periodontal therapy, including periodontal plastic- and regenerative surgery. In addition, the resident acquires training in the full scope of surgical treatment steps for tooth replacement with implants, including the reconstruction of the alveolar process, and also collaborate with residents in the management of peri-implant tissue pathology.

The resident in this 3-year Master Program attains the creative and innovative thinking, research, and critical thinking skills, and the participant should demonstrate a high level of knowledge and understanding, skills, and approaches in periodontology.

Finally, the resident is trained in the evaluation and establishment, execution, and monitoring of an individualized maintenance program.

Upon successful completion of the program, which includes a research project and the defense of a Thesis, participants will be awarded the Degree of Master in Dental Surgery in Periodontology [MDS (PERIO)]. Learning outcomes of clinical, theoretical, pedagogical, and scientific nature are assessed throughout the program. At the end of year 3, final course fulfillment is examined in writing and orally, including presentation of several patient cases treated during the residency, and the participant should demonstrate a high level of knowledge and understanding, skills, and approaches in periodontology.

After introductory courses in comprehensive dentistry and research methodology, focused specialization in periodontology is obtained through a combination of courses, lectures, seminars, and preclinical/clinical work. The department has a problem-based approach to learning, and encourages self-directed studies in the theory and practice of periodontology. Participants are exposed to clinical cases with increasing complexity and also collaborate with residents in the national specialization program, Joint seminars with postgraduate students and specialists from other relevant subareas are often offered.

**Program Objectives**

The goals of the MDS-Pros program are to enable students to:

1. Develop contemporary knowledge specifically in Prosthodontics, and relevant areas to enable making appropriate clinical decisions
2. Acquire basic and advance skills in patient care, investigation techniques and clinical skills at a level of competency for specialist practice
3. Participate in multidisciplinary teamwork for effective patient care
4. Develop and adopt competency in decision making, with contemporary evidence-based knowledge and skills
5. Communicate efficiently and practices the highest level of Ethics and Professionalism

**MASTER OF DENTAL SURGERY IN PROSTHODONTICS**

Prosthodontics is an internationally recognized specialty in clinical dentistry. The scope of this specialty is extensive and concerns with the replacement of missing teeth and oral, maxillofacial tissues. The curriculum is designed to develop the clinical, academic, research and communicative skills that will provide for diversified career options. The educational experience is progressive in nature offering increasing responsibilities as residents proceed through the program.

**Program Objectives**

The goals of the MDS-Pro program are to enable students to:

1. Develop contemporary knowledge specifically in Prosthodontics, and relevant areas to enable making appropriate clinical decisions
2. Acquire basic and advance skills in patient care, investigation techniques and clinical skills at a level of competency for specialist practice
3. Participate in multidisciplinary team work for effective patient care
4. Develop and adopt competency in decision making, with contemporary evidence-based knowledge and skills
5. Communicate efficiently and practices the highest level of ethics and professionalism
Program Objectives

The goals of the MDS-EN program are to enable students to:

1. Develop contemporary knowledge specifically in endodotics, and relevant areas in dentistry and medicine to enable to make appropriate clinical decisions.
2. Acquire basic and advance skills in patient care, investigation techniques and clinical skills at a level of competency for safe practice.
3. Participate in multidisciplinary teamwork for effective patient care.
4. Develop and adopt high values in decision making, with contemporary evidence based knowledge and skills.
5. Communicate efficiently and practices the highest level of Ethics and Professionalism.
6. Promote as an advocate for health and continue to be a life-long learner.
COLLEGE OF PHARMACY

The College of Pharmacy is committed to the education of professional and graduate students who, upon graduation, can meet the public need for safe and effective pharmaceutical care. Students and faculty generate and disseminate knowledge contributing to the education and continual professional growth of pharmacists, educators, scientists, and other healthcare professionals. The characteristics of quality instruction, basic and applied research, community and professional service, and extensive instruction in all types of pharmacy practice settings contribute to making the College of Pharmacy programs rewarding and satisfying experiences. The College of Pharmacy and the Colleges of Medicine, Dentistry, and Health Sciences and the Sharjah teaching hospital have elements of their programs at The Complex of Medical and Health Sciences Colleges, thereby enhancing the potential for interdisciplinary learning, collaborative practice, and research. Both education and research are also strengthened by the Clinical Training Center (CTC), Sharjah Surgical Institute (SSI) and the Sharjah Research Institute situated within the same complex.

MASTER IN PHARMACEUTICAL SCIENCES

Pharmacy is becoming a key player in primary and preventive health care and is defined as the science of the composition, use and dispensing of drugs. The study and practice of Pharmacy has evolved and expanded considerably over the years due to the exponential growth of the health care and pharmaceutical industry.

The College of Pharmacy (CoP) was established in 2004, seven years after the foundation of University of Sharjah (UoS). The first batch of the college students was awarded the Bachelor of Pharmacy (B. Pharm.) degree at the end of the academic year of 2008/2009. Since its foundation, the CoP is continuously updating its curriculum, to keep pace with the rapidly evolving pharmacy profession. Considering the facts related to shortage in the qualified pharmaceutical scientists worldwide (2, 3), to keep up with the developments of various pharmacy fields in the UAE and across the Gulf region, and to answer the repeated pharmacy inquiries from our college and the colleges of pharmacy graduates across the UAE regarding postgraduate programs, CoP proposes a program of MASTER OF PHARMACEUTICAL SCIENCES.

The academic aim of the program is to prepare students for professional roles in the area of pharmacy, with the knowledge and skills to advance the discipline from the academic, research and practical standpoints. The M. Pharm. Sci. program will prepare the students to address the current and future challenges in disciplines such as patient care, pharmaceutical industry, health promotion, research and development, management and investment in drug industry, and academic positions. The intent is also to prepare students to engage in independent and collaborative research in academic, governmental and applied life science contexts. During this educative process, students will participate in knowledge generation and improvement, research synthesis, and knowledge/technology transfer.

There are only two Master in pharmaceutical sciences programs offered in the UAE, the existence of CoP within the medical campus of the UoS and having the Sharjah Institute of Medical Research inside this campus will make the program highly attractive for pharmacy graduates looking for graduate programs.

Program Objectives

Program Goals

1. Provide students with advanced knowledge and experimental techniques in research in the field of pharmaceutical sciences.
2. Train students and enhance their ability to analyze and interpret data, design and conduct research in their field of expertise and apply analytical and critical thinking in reviewing literature.
3. Develop students’ ability to effectively communicate scientific information both orally and in writing to scientists and non-scientists.
4. Provide a challenging and innovative learning environment so as to prepare the students for further advanced graduate or professional programs or scientific careers in the pharmaceutical industries.
5. Develop the students’ ability to engage in life-long learning and exhibit professionalism with the highest ethical standards.
6. Foster problem-solving and decision-making skills applied to facilitate employment in scientific careers that contribute to the growth and development of the society.
The College of Sciences (COS) was established in 2008 and is comprised of four departments, which offer Bachelor of Science degrees (B.Sc.) in the following majors: Applied Physics, Petroleum Geophysics and Remote Sensing, Chemistry, Mathematics, and Applied Biology. In addition, the COS offers postgraduate programs (M.Sc.) in Chemistry and Applied Biology, and plans to introduce new programs in Applied Physics (M.Sc.), and Mathematics (M.Sc.), and Ph.D in Applied Biology and Chemistry (Ph.D). During the past twelve years, the college had been expanding in all aspects; seven programs were established and accredited by the Ministry of Higher Education through CAA, and by international bodies like ABET-Applied and Natural Science Accreditation Commission (ANSAC). In addition to the excellence in academic activities, the COS holds impressive achievements in terms of scientific research and community engagements and outreach. Since 2008, the COS has been growing in terms of faculty members, staff, students, programs, laboratories and instrumentations. The College of Sciences provides essential foundations for the achievements of the strategic goals of the university as it entertains great linkage with other colleges and institutes in the University.

The College also adopts high standards of academic and research in various advanced areas of applied and basic sciences, teaching and learning methodologies and innovations. The COS continues to spread, disseminate and foster research and knowledge through collaborations with local, regional, and international institutions.

**MASTER OF SCIENCE IN BIOTECHNOLOGY**

The increase in human population and in the demand for enhancing the quality of life in areas such as health, nutrition and environment, argued for high quality education and scientific research, especially in the field of Biotechnology. This field can play a crucial role in solving the problems of food and environment. For example, the genetic and genomic modification of plants, animals and bacteria was paramount to the production of new food, fibers and chemicals with high quality and quantity.

The Department of Applied Biology at the University of Sharjah offers a Master of Sciences in Biotechnology that prepares graduates to confidently confront current and future challenges in a profession that equips them with an advanced knowledge in different scientific fields practical and application skills of high standards, as well as stimulates their thirst for discoveries. The Department has well qualified faculty members and lecturers with many years of academic and practical experience both regionally and internationally. The expertise of the academic staff spans the main disciplines of modern Biotechnology. In addition, the department has laboratory facilities that are furnished with state-of-the-art equipments and analytical instruments in support of advanced experimental work for teaching, research and community services. The laboratories are also staffed with qualified and well-trained laboratory supervisors and technicians.

**Program Objectives**

The Biotechnology MSc program is oriented to achieve the following objectives:

1. To provide graduates with advanced knowledge and applicable research principles and methods in biological sciences which include cellular biology, biochemistry, molecular biology, human genetics, cytogenetics, microbiology, and immunology
2. To provide the students with required biotechnology skills which enables them to operate effectively in a new learning or professional context such as higher education, specialized industrial labs, pharmaceuticals and forensics.
3. To enrich graduates with advanced skills of scientific writing, and oral presentation to analyze research findings and conclusions
4. To train graduates to manage laboratory activities and engage in effective scientific work as individuals and as team members.
5. To enable students to carry out a research project in a biotechnology discipline
6. To improve students’ ability in assessing and critically evaluating ethical issues related to biotechnology implications

**MASTER OF SCIENCE IN CHEMISTRY**

Introduction

The curriculum of the MSc program in Chemistry provides advanced courses in essential science disciplines, including organic synthesis, polymer synthesis and characterization, catalysts, corrosion, electroanalytical chemistry, Nano-chemistry, Spectroscopy, biochemistry, proteomics, environmental, petrochemical, natural products, and education. The students will also be introduced to more specialized fields in Chemistry such as advanced analytical, organic, inorganic, and physical Chemistry. Students taking the MSc degree by research (Thesis) will carry out their research in laboratories which are supported by up-to-date instrumentation and professional staff.

**Program Objectives**

The objectives of the MSc Chemistry program are to:

1. Provide excellent education at the graduate levels in all fields of Chemistry.
2. Provide graduates with technical and communication skills necessary to make sound and responsible and ethical decisions and conclusions.
3. Prepare graduates to take up leadership positions with skills to seek to open life-long learning opportunities.
4. Prepare students to conduct high quality pioneer research in chemistry and related fields that enable them to pursue higher degrees.
Master of Science in Astronomy and Space Sciences

Introduction
The University of Sharjah (UoS) and the Sharjah Academy for Astronomy, Space Sciences, and Technology (SAASST) represent the main centers of education in Sharjah. UoS is one of the largest universities in the UAE, with more than 16,000 students spread all over its many branches across the Emirate. Hundreds of degrees in various fields are offered, and both astronomy and space sciences represent an integral part of the university program. To strengthen these two fields and in addition to its Bachelor of Science degree in Applied Physics and Astronomy, the University has developed a new graduate program in «Astronomy and Space Sciences.» In this regard, the College of Sciences is offering a «Master of Science in Astronomy and Space Sciences.» The aims of this MSc in Astronomy and Space Sciences are to augment and enhance the knowledge acquired at the undergraduate level through a combination of multidisciplinary and interdisciplinary learning, interpersonal, research, skills, and expertise required for a career working in Astronomy/Space Sciences and their applications.

The new program will improve employability through the development of the postgraduate skills required for a successful transition to a research role in academia or professional research centers. This will be achieved through the delivery of Masters-level taught elements as well as the completion of new research projects. The proposed program will be delivered through a range of learning experiences such as lectures and hands-on experiences through the newly Sharjah Academy for Astronomy, Space Sciences and Technology, and other local and international related facilities such as the UAE Space Agency and Mohamed Bin Rashid Space Center.

Program Objectives
The essential objective of the MSASS is to strengthen the academic and professional knowledge of students. The program is also intended to provide students with the required experience in their chosen area of focus. The specific objectives of the program are to:

- Provide students with the quality education to understand the astronomical, physical world as well as space sciences concepts, and conceive the overall structure of the Universe.
- Equip students with the attributes of advanced astronomical knowledge and space sciences technologies and address future challenges in the field.
- Provide students with practical experience in space sciences research, project development, and management.
- Prepare students to engage in independent and collaborative research in University, government, and industrial sectors.

Master of Science in Geographic Information System and Remote Sensing

Introduction
Sustainable development, land use planning and environmental monitoring is widely recognized and depends greatly on the availability and credibility of geospatial data such as digital maps, terrestrial surveys, aerial photographs and satellite imagery. The methods required for these types of investigations and analysis of the resulting databases, which link information to maps stored in digital form, constitute the field of Geographical Information Systems and Remote Sensing (GISRS). The application of GISRS in the UAE Governmental and private agencies is of high demand, this include Road and Transport Authority, Ministry of Public Works, Ministry of Environment and Water, Ministry of Energy and other Environmental agency as well as Municipalities. Extraordinary demands are also required from national and International Oil and Gas, Civil Engineering and Construction Industry as well as Academic and Educational Institutions.

University of Sharjah is well recognized as one of the leading centers in the area of GISRS and related technologies (including spatial and non-spatial data survey, remote sensing, photogrammetry, Global Positioning Systems (GPS) and digital mapping. For the University of Sharjah, the MSc in GISRS is an inherent component of the integrative geospatial initiative that includes the following existing components:

- B.Sc. in Petroleum Geology and Remote Sensing,
- M.Sc. & BSc in Civil and Environmental Engineering,
- Computer Science
- GIS and Remote Sensing Center at Research Institute of Science and Engineering (RISE)

Research Projects (RISE)

Despite the considerable demand for geoscientists in the UAE and the GCC region, there is only one graduate program offered by another university in the UAE. Furthermore, the proposed program will offer concentrations not offered by other programs, such as science and engineering where graduates from the proposed program will find employment opportunities covering a wide spectrum mainly in environmental monitoring, transportation, mineral and water exploration, ge-imaging and remote sensing, natural risks management, Industry and petroleum sectors, archaeological excavation and preservation, business as well as research positions in industry and government laboratories.

The Master of Science GISRS is designed to provide the students with multidisciplinary knowledge and skills required for working in a wide range of careers that deals with geospatial data and applications. Moreover, the proposed program aims at establishing a geospatially-centered teaching and research environment and providing world-class knowledge and expertise for multi-disciplinary research in Engineering, Computer, Environmental, Social and Earth Sciences, Sustainable Development, as well as Information and Data Management Technologies.
The creation of the College is meant to fulfill the vision of His Highness Sheikh Dr. Sultan bin Mohammed Al Qasimi, Member of the Supreme Council, Ruler of Sharjah, and President of the University of Sharjah, to offer emerging and state of the art programs at the University of Sharjah to serve the UAE national agenda, which stress on cybersecurity, data science, artificial intelligence, machine learning, smart cities and systems, biomedical and health informatics, computing and IT applications in all areas of national, social and scientific development, including the knowledge economy, health care, the environment and many other areas.

The College is its programs, resources, and people. The college has now three Departments: Computer Science, Computer Computing and Informatics are critical these days for any nation to succeed in the era of the digital economy. The strength of the latest developments in all areas of computing. Graduates of this program are expected to be able to pursue higher degrees and research, and be ready to properly fill computer science teaching positions in higher educational institutions. The program mission is to prepare students to be fully abreast of the latest developments in all areas of computing. Graduates of this program are expected to be able to pursue higher degrees and research, and be ready to properly fill computer science teaching positions in higher educational institutions. The creation of the College is meant to fulfill the vision of His Highness Sheikh Dr. Sultan bin Mohammed Al Qasimi, Member of the Supreme Council, Ruler of Sharjah, and President of the University of Sharjah, to offer emerging and state of the art programs at the University of Sharjah to serve the UAE national agenda, which stress on cybersecurity, data science, artificial intelligence, machine learning, smart cities and systems, biomedical and health informatics, computing and IT applications in all areas of national, social and scientific development, including the knowledge economy, health care, the environment and many other areas.

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