جامعة العين
AL AIN UNIVERSITY

UNIVERSITY CATALOG

2025-2026

ABET Engineering Accreditation Commission
Évaluation et qualité HCÉRES
CAEP
AACSB ACCREDITED
AQAS
QAA GLOBAL Institution accredited Al Ain University

جامعة العين
AL AIN UNIVERSITY

AAU CATALOG

2025-2026

المغفور له بإذن الله الشيخ زايد بن سلطان آل نهيان

تغمده الله بواسع رحمته

SHEIKH ZAYED BIN SULTAN AL NAHYAN

المغفور له بإذن الله الشيخ خليفة بن زايد آل نهيان

تغمده الله بواسع رحمته

SHEIKH KHALIFA BIN ZAYED AL NAHYAN

صاحب السمو الشيخ محمد بن زايد آل نهيان

رئيس دولة الإمارات العربية المتحدة

HIS HIGHNESS SHEIKH MOHAMED BIN ZAYED AL NAHYAN

PRESIDENT OF THE UNITED ARAB EMIRATES

صاحب السمو الشيخ محمد بن راشد آل مكتوم
نائب رئيس الدولة - رئيس مجلس الوزراء، حاكم دبي

HIS HIGHNESS SHEIKH MOHAMMED BIN RASHID AL MAKTOUM
VICE PRESIDENT AND PRIME MINISTER AND RULER OF DUBAI

سمو الشيخ خالد بن محمد بن زايد آل نهيان

ولي عهد إمارة أبوظبي

HIS HIGHNESS SHEIKH KHALED BIN MOHAMED BIN ZAYED AL NAHYAN

CROWN PRINCE OF ABU DHABI

“AAU CATALOG”

is considered as a contract between AAU and its students so that the rules, regulations, and program completion requirements in effect at the time of a student's initial enrolment remain consistent throughout a student's program of study. This Catalog contains main information about AAU, academic programs, support services, and answers all the inquiries the students may raise.

Table of Contents

The President's Message 15
(1) Academic Calendar for 2024/2025 16
(2) History 19
(3) Vision, Mission, and Values 19
(4) Strategic Plan 21
(5) Institutional Licensure and Program Accreditations 23
(6) University Organizational Structure 25
(7) Physical Resources 34
(8) Cooperative Relationships and Agreements 37
(9) Affiliations and Professional Memberships 37
(10) Admission Requirements and Procedures 38
(11) Withdrawal and Readmission Policies 42
(12) Financial Information 44
(13) Student Services 54
(14) Student Rights and Responsibilities 59
(15) Complaints Process 60
(16) Academic Integrity 62
(17) The Credit Hour System 67
(18) Academic Terminology 68
(19) Academic Regulations 72
(20) Course Code Descriptions 75
(21) General University Education 79
(22) Colleges 85
College of Engineering 87
College of Pharmacy 145
College of Law 197
College of Education, Humanities & Social Sciences 237
College of Business 355
College of Communication and Media 419
College of Dentistry 459
College of Nusring 477
(23) Deanships 493
Deanship of Student Affairs 495
Deanship of Scientific Research and Graduate Studies 503
(24) Centers 509
Information Technology Center 510
English Language Center 521
Quality Assurance and Institutional Research Center 529
Continuing Education Center 530
Innovation and Entrepreneurship Center 532
Professional Development Center 534
(25) Units 537
Human Resources Unit 539
Admission and Registration Unit 540
Finance Unit 541
Administrative Unit 542
Students Recruitment Unit 543
(26) Library 545

The President's Message

On behalf of all of us, faculty, administrative staff and students, at Al Ain University (AAU) I am most pleased to welcome you to our two campuses at Al Ain and Abu Dhabi. I would like to invite you to explore the different colleges and the various programs, and discover the wide range of opportunities we offer. Ever since its inception, AAU has been committed to fulfilling its vision of being among the leading higher education institutions locally and regionally. I am truly proud of our community of ambitious faculty and students who work relentlessly to move AAU forward by taking advantage of the facilities and resources put at their disposal. I encourage you to browse our website to learn more about what AAU has.

AAU endeavors to provide the local, regional and global market with well trained professionals through its innovative academic programs and research. AAU is constantly working to address the national and regional requirements to ensure offering relevant and future-focused programs. Besides promoting innovation, research and scholarship, AAU is committed to the values of collaboration, integrity, excellence, respect and diversity.

AAU is proud to have a supportive, diverse and inclusive campus community which we are keen on empowering by recruiting highly qualified faculty with varied talents from a wide selection of well reputable regional and international universities. Likewise, AAU student body and administrative staff come from diverse backgrounds and ethnicities, thus enhancing our inclusive environment.

Whether seeking a degree in teacher education, pharmaceutical sciences, business studies, engineering, law or communication and media, AAU is dedicated to providing all students with an engaging learning environment and a supportive campus culture to begin the journey of personal growth and pursuit of knowledge, new ideas, experiences and networking.

As we forge ahead into an increasingly progressing world, we continue to strengthen our academic scholarship and raise our standards by obtaining international academic accreditations for our programs. Simultaneously, we enhance faculty scientific research achievements because we believe in the impact of scholarly research on moving the world forward.

Finally, at the core of AAU are the energetic students, faculty and administrative staff who are centered on our campuses but have extended their impact on the community. Together we strive to make AAU a vital educational and cultural hub. I believe in our potential to accomplish even more great things in the near future. The journey for success begins at AAU.

With best wishes,

Prof. Ghaleb A. El-Refae
AAU President

(1) Academic Calendar for 2025/2026

	Event	Day and Date
First Semester*	Faculty report to work	Monday 18/8/2025
	Classes Start	**Monday 25/8/2025**
	Add and Drop period	Monday 25/8/2024 - Friday 29/8/2025
	Last date for dropping courses or semester postponement with 100% refund	Friday 29/8/2025
	Late registration and withdrawal/ drop with 40% fine	Monday 1/9/2024 – Friday 5/9/2025
	Withdrawal/drop with 100% fine	Monday 8/9/2025
	Incomplete examination period	Wednesday 10/9/2025 – Friday 12/9/2025
	Beginning of withdrawal with withdrawal grades (W)	Monday 15/9/2025
	Midterm examination period	**Monday 13/10/2025 – Friday 24/10/2025**
	Beginning of withdrawal with failure grades (F)	Monday 1/12/2025
	Final examinations period	**Thursday 4/12/2025 – Thursday 11/12/2025**
	Deadline for Incomplete Requests	Five working days from final exam date of the course
	Winter Break for Students	**Friday 12/12/2025 – Sunday 4/1/2026**
	Grades' Announcement	Thursday 18/12/2025
	Deadline for Final exam score appealing	Five working days since grades announcement

	Events	Day and Date
Second Semester	**Faculty reports to work**	**Monday 29/12/2025**
	Classes Start	**Monday 5/1/2026**
	Add and Drop period	Monday 5/1/2026 – Friday 9/1/2026
	Last date for dropping courses or semester postponement with 100% refund	Friday 9/1/2026
	Late registration and Withdrawal/ drop with 40% fine	Monday 12/1/2026 – Friday 16/1/2026
	Withdrawal/drop with 100% fine	Monday 19/1/2026
	Incomplete examination period	Tuesday 20/1/2026 – Thursday 22/1/2026
	Beginning of withdrawal with withdrawal grades (W)	Monday 26/1/2026
	Midterm examination period	**Wednesday 25/2/2026 – Sunday 8/3/2026**
	Spring Break for Students	**Monday 16/3/2026 – Sunday 29/3/2026**
	Beginning of withdrawal with failure grades (F)	Monday 20/4/2026
	Final examinations period	**Thursday 30/4/2026 – Saturday 9/5/2026**
	Deadline for Incomplete Requests	Five working days from final exam date of the course
	Summer Break for Students	**Monday 11/5/2026**
	Grades' Announcement	Thursday 14/5/2026
	Deadline for Final exam score appealing	Five working days since grades announcement

	Event	Day and Date
Summer Semesters	**Summer One classes start**	**Monday 18/5/2026**

	Events	Day and Date
2026 / 2027	Classes Start	Monday 24/8/2026

*** Note:** Dates are subject to change according to official holidays in the country.

(2) History

The idea of establishing Al Ain University came as a true reflection of the inspiration of His Highness the late Sheikh Zayed Bin Sultan Al-Nahyan, the first President of the UAE, who believed that the greatest use that can be made of wealth is to invest it in creating generations of educated citizens. Thus, Al Ain University was founded to equip its candidates with the needed knowledge, science and technology needed to face the ongoing unprecedented challenges, accelerating globalization and the fast rate of technological developments.

Great consideration was taken in regards to the Federal Law No (4) of 1992 establishing the Ministry of Higher Education and Scientific Research and in relation to the rules and regulations of licensing higher educational institutions, as well as to the MOHESR's "Standards for Licensure and Accreditation" 2003. Upon the completion of all studies conducted for the purpose of establishing this educational monument with a vision of its own, a constructive philosophy and a creative mission had developed. Al Ain University was established in 2004 with full commitment to the rules and regulations issued by the MOHESR.

(3) Vision, Mission, and Values

Vision

AAU aspires to be amongst the leading learning institutions in the region, by achieving international quality standards in Teaching, Research, and Community Engagement.

Mission

AAU strives to be a learning institution of excellence that responds to market needs and prepares graduates who possess the scientific and technological competencies that are needed for their careers. The university plays an active role in the creation of knowledge through quality teaching and research. It values Community Engagement and nurtures partnerships with institutions and organizations through a commitment to the educational, technological, and economic development of the country and the region.

Values
The strategic decisions and daily operations of AAU faculty and staff draw on the following values:

1. Collaboration
2. Diversity
3. Excellence
4. Integrity
5. Sustainability

(4) Strategic Plan

Goal 1: Strengthen AAU's commitment to deliver quality undergraduate and graduate programs that are characterized by rigorous disciplinary depth and breadth, with a high level of direct interaction between faculty and students (SDG 4 & 9).

1.1. Promote curricular reform and innovation in all areas of the academic programs.
1.2. Offer a variety of well-supported quality programs that are consistent with the University's educational mission.
1.3. Secure needed laboratories, classrooms, and workspaces that are needed for faculty, staff, and students.
1.4. Support all library functions.
1.5. Promote and support the efficient and effective use of technology in the academic and administrative process to enhance curricular needs.

Goal 2: Continue to recruit and retain a dedicated and culturally diverse faculty whose teaching is informed by research and embodies learning experiences that enable students to improve academically and personally (SDG 4, 5, 8, 10, & 16).

2.1. Support and enhance the professional stature of the faculty body.
2.2. Implement and strengthen existing policies for improved communication between faculty and administration, thus involving faculty input into the decision-making process, and an enhanced sense of shared responsibility for the University management.
2.3. Recruit AAU Graduates, graduated with distinction.

Goal 3: Improve the recruitment, retention, and graduation rates within the student body, while increasing the number of well prepared and academically able students who wish to enter a sustainable environment that facilitates the development of competent, and creative professionals (SDG 4, 5, & 10).

3.1. Develop an effective enrollment management program that is linked to the academic programs' needs.
3.2. Improve the AAU reputation in local high schools, and other educational institutions.
3.3. Review and coordinate all enrollment-related works, programs, services, and activities.
3.4. Enhance the current academic advising process.

Goal 4: Foster research and support faculty members to secure the time, financial support, and collaborations to maximize their success in research, scholarship, and other sustainable activities (SDG 4).

4.1. Articulating at the unit level different research activities and plans to achieve research goals.
4.2. Fostering outreach to the community and region and maintaining an online directory of faculty to assist them in their research.

4.3. Recognizing and rewarding the faculty and staff's efforts in research to enhance productivity.

Goal 5: Secure and strengthen the University's information technology and media services to support both the academic and administrative functions of the University and the deployment of new and innovative teaching and research technologies as they become available (SDG 4 & 9).

5.1. Providing an adequate and predictable mechanism for funding informational and institutional technologies, so that AAU can satisfy the technology needs of its students, staff, and faculty, now and in the future.
5.2. Strengthening the maintenance and upgrading of the University's information technology infrastructure, facilities, and hardware.
5.3. Strengthening the information technology services and the instructional technology services and support systems that are offered at the University.
5.4. Promoting and supporting the efficient and effective use of academic and administrative technologies that satisfy the faculty and curricular needs.

Goal 6: Contribute for a sustainable society and the local community, by addressing their educational, cultural, social, and economic interests (SDG 4, 16, & 17).

6.1. Supporting collaborative partnerships with schools, businesses, corporations, government agencies, community organizations, community development organizations, religious institutions, and civic organizations to provide, develop, and implement community-building efforts.
6.2. Participating in elementary and secondary education delivery systems to improve teaching and learning at all levels.
6.3. Promoting internal and external activities that help outreach AAU.
6.4. Seeking membership in local, regional, and international associations.
6.5. Collaborating with other academic institutions in the areas of teaching, research, consultancy, and training programs.

(5) Institutional Licensure and Program Accreditations

Al Ain University, located in the Emirate of Abu Dhabi, with two campuses in Abu Dhabi and Al Ain, was licensed in 2004 by the Ministry of Higher Education and Scientific Research of the United Arab Emirates to award degrees/ qualifications in higher education.

Degree Programs

AAU offers accredited undergraduate and graduate academic programs.

Programs completion requirements:

Students obtain their degree after fulfilling the following requirements: 1. Passing all the required and relevant courses according to the approved Study Plan; 2. Achieving a CGPA of no less than 2.0 for the undergraduate and Postgraduate Diploma in Education programs; or a CGPA of no less than 3.00 for Master degrees. 3. Not exceeding the maximum number of years for graduation stated in these regulations; 4. Fulfilling the minimum study duration for the degree; 5. Being registered at AAU during the graduation semester.

The tables below show the required credit ours for each program.

Undergraduate Programs

College	Program	Credit Hours
Engineering	Computer Engineering	**140**
	Networks and Communication Engineering	**140**
	Computer Science	**123**
	Software Engineering	**124**
	Civil Engineering	**140**
	Cybersecurity	**123**
	Artificial Intelligence and Robotics	**123**
Pharmacy	Pharmacy	**160**
	Nutrition and Dietetics	**132**
Law	Law	**130**
Education, Humanities and Social Sciences	Arabic Language and Literature	**126**
	Islamic Studies	**126**
	Special Education	**126**
	Applied Psychology	**126**
	Applied Sociology	**126**
	English Language and Translation	**120**

Business	Business Administration in: • Management • Accounting • Banking and Finance • Marketing • Human Resources Management • Management Information Systems • Business Analytics	**123**
Communication and Media	Digital Media	**123**
	Advertising and Digital Marketing	**123**
	Public Relations	**123**
	Communication and Crisis	**123**
Dentistry	Dental Surgery	**205**
Nursing	Science in Nursing	**120**

Graduate Programs

College	Programs	Credit Hours
Engineering	Master of Science in Software Systems Engineering	30
	Master of Science in Artificial Intelligence	30
Pharmacy	Master of Science in Clinical Pharmacy	36
	Master of Science in Pharmaceutical Sciences	36
Law	Master of Private Law	33
	Master of Public Law	33
	Master of Criminal Science	33
	Doctor of Philosophy in Law	54
Education, Humanities and Social Sciences	Postgraduate Professional Diploma in Teaching	24
	Postgraduate Professional Diploma in Early Childhood Education	24
	Master of Education in Arabic Language Curricula and Instruction	33
	Master of Education in Islamic Education Curricula and Instruction	33
	Master in Gifted and Talented Education	33
	Master of Arts in Applied Sociology	33
	Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods	54
Business	Master of Business Administration (MBA) - General	33
	Master of Science in Business Data Analytics	33
	Doctor of Business Administration (DBA)	54
Communication and Media	Master of Arts in Digital Media and Public Relations	33

(6) University Organizational Structure

Board of Trustees

The Board of Trustees is the legal body responsible for the institution and for policy making, that meets twice per academic year. The Board has set proper procedures to ensure that it is appropriately involved in the approval of the financial status and is adequately informed about the stability of AAU, as well as the effectiveness of its leadership and its teaching, research, and public service, as appropriate.

The Board of Trustees is responsible for:

- Setting strategic plans and by-laws for the university;
- Making all legal and fiduciary decisions;
- Developing and approving the institution mission, strategic goals and objectives, and establishing policies related to programs and services;
- Appointing the institution President;
- Evaluating the President's and Vice-President's performance;
- Approving the annual budget and securing financial resources to adequately support the institutional goals
- Assuring that the institution successfully undergoes the needed auditing procedures.

Name	Membership
Sheikh Theyab bin Tahnoon bin Mohammad Al Nahyan	Chairman of the Board
Dr. Noor Al Deen Subhi Atatreh	Vice Chairman
HE. Dr. Abdul Rahim Ibrahim Al Nuaimi	Member
HE. Dr. Abdallah Salah Mograby	Member
HE. Dr. Abdul Rahman Mahmoud Al Afifi	Member
Dr. Abdul Aziz Abdul Latif	Member
Mr. Ahmed Mohammad Fathi Al Kilani	Member
Prof. Ghaleb Awad El Refae	Ex-officio Member

Senior management:

Senior management are the highest-ranking administrators who are responsible for managing the university operations and overseeing its various functions. They work to ensure that the university operates efficiently and effectively to achieve its mission of providing high-quality education, conducting research, and serving its stakeholders effectively.

Name	Membership
Prof. Ghaleb Awad El Refae	President
Prof. Amer (Mohammad Jaser) Qasem	Vice President, Abu Dhabi Campus
Prof. Ibtehal Mahmoud Aburezeq	Vice president, Development and Follow-up and Dean of Student Affairs
Dr. Nazih Abdelrahman "Khaddaj Mallat"	Vice president, Accreditation Affairs and Quality Assurance

President

The University President is responsible for:

- Supervising the implementation of the University laws and by-laws and representing the University at public and private occasions.
- Approving appointments of faculty members, technicians, administrators and other personnel.
- Preparing University budget.
- Submitting academic plans and research agenda to the Deans' Council;
- Overseeing the plans for community service, Scientific research and cultural relationships with other universities.
- Following-up the implementation of the University Appointment and Promotion Committee's recommendations.
- Submitting a detailed annual report to the Board of Trustees summarizing the University achievements and future plans.
- Monitoring progress of assessment, and quality assurance in the University.
- Appointing the University Council and the Deans' Council Members.

Vice President (Abu Dhabi Campus)

The responsibilities are:

- Manage, oversee, and coordinate campus-specific academic and administrative activities at Al Ain University's Abu Dhabi Campus.
- Approve and coordinate community engagement activities conducted by colleges, units, and centers within the campus.
- Providing recommendation regarding the renewal of contracts for academic staff at Al Ain University's Abu Dhabi Campus
- Handle delegated academic and administrative duties as assigned by the university president.
- Serve as a member of the University Council, Deans' Council, and the appointment and promotion committee.
- Chair the University Risk Management Committee, leading efforts to identify, assess, and address risks at the university level.

Vice President (Development and Follow-up)

The responsibilities are:

- Establishing agreements and memoranda of understanding with external academic and non-academic entities.
- Developing and monitoring the update of university Handbooks and the AAU website.
- Enhancing student exchange programs and overseeing the implementation of student training programs.
- Monitoring scientific conferences and academic developments in various fields.
- Improving academic and non-academic services.
- Representing the university in the Association of Arab Universities.
- Monitoring the activities of the secretariats of councils and committees chaired by the university president.

- Monitoring the implementation of recommendations and decisions of the University Council and the Deans Council.

Vice President (Accreditation and Quality Assurance)

Report to the University President, and Member of the University Council and Deans Council, with the following responsibilities:

- Develop and implement policies and procedures, related to academic quality, accreditation, and compliance, to maintain and enhance the quality of education and academic programs.
- Contribute to the university's strategic planning process, ensuring that accreditation and QA goals align with the overall mission and objectives of the institution.
- Oversee the preparation and submission of required reports and documentation to accrediting agencies: National (CAA, ADEK) and International (QAA, ABET, ACPE, HCERES, CAEP, AACSB, and AQAS).
- Maintain accurate records related to accreditation and QA activities.
- Serve as a liaison between the university and accrediting bodies, communicating effectively to address any concerns or requests for information.
- Collaborate with academic departments, administrators, and other stakeholders to ensure a comprehensive approach to QA and accreditation.
- Lead efforts for continuous improvement in academic programs and support services based on feedback from accreditation reviews and internal assessments.
- Monitor the university rankings and devise strategies to improve the institution's standing in relevant global and regional rankings.
- Collaborate with academic departments, research centers, and administrative units to gather data and information that positively impact rankings.
- Manage the collection and submission of accurate and relevant data required for rankings evaluations.

University Council

Membership:

The University Council is chaired by the AAU President. It comprises: AAU Vice President(s), Deans of Colleges, Dean of Student Affairs, Dean of Scientific Research and Graduate Studies, ELC Director, Library Director, ITC Director, HR Director, Financial Director, General Registrar, Admin. Manager, and two students (minimum): one from Abu Dhabi Campus; the other from Al Ain Campus. The Council meets at least once every semester.

Responsibilities:

- Prepare the budget of AAU and discuss the financial position of the University.
- Set policies regarding the University’s involvement in community service.
- Execute plans for relations with other academic institutions on an international level.

Deans Council

Membership:

The Deans Council is chaired by the University President. It comprises the AAU Vice President(s), the deans of colleges, the Dean of Student Affairs as well as the Dean of Scientific Research and Graduate Studies. The Deans' Council meets once a week.

Responsibilities:

- Implementing the University policies.
- Approving plans, which secure the appropriate infrastructure to execute University objectives.
- Approving by-laws that govern organizational, financial and executive University affairs.
- Approving by-laws to govern employment and punitive measures that apply to all University personnel.
- Approving new University study plans.
- Conferring University academic degrees.
- Setting terms and conditions regarding students' admission and number of accepted students in light of the Ministry of Higher Education overall plans.
- Directing and overseeing studies aimed at establishing new colleges and new programs.
- Following-up the implementation of college plans for teaching and research.
- Approving admission policies.
- Making policies regarding the size and quality of student enrollment.
- Applying for approval of new academic programs and new non-academic units.
- Making the final decision regarding faculty promotion upon recommendation from the Appointment and Promotion Committee.

Dean of a College

A College Dean is appointed by the University President. The College Dean is responsible for the following:

- Overseeing the preparation of the college academic plan and following-up its implementation.
- Coordinating between the academic and administrative units in his/her college.
- Submitting proposals regarding recruiting faculty members, technicians and others.
- Overseeing and monitoring the teaching/learning process in his/her college.
- Submitting reports at the end of each academic year about the college academic, administrative and financial affairs showing activities, level of performance, study issues, examinations and results and identifying the points of strength and weakness.

- Preparing and submitting annual budget for his/her college.
- Monitoring issues related to student affairs and directing activities for the enhancement of student learning.
- Proposing and implementing policies that enhance research activities in his/her college.
- Coordinating with Deans of other colleges to enhance University research projects.
- Recommending faculty members in his/ her college for promotion.

Dean of "Student Affairs"

The Dean of Student Affairs is responsible for:

- Directing services offered to students at the University.
- Setting up centers or units to better help students overcome their social, psychological, and financial problems.
- Overseeing work at the student counseling offices.
- Supervising and monitoring services such as: restaurants, transportation, housing, etc..., and preparing regulations that govern such services.
- Organizing various activities for the University's students.
- Forming clubs and societies and formulating rules to control them.
- Organizing seminars, celebrations, academic, and extra-curricular activities.
- Organizing specialized workshops and training programs to improve modern administration facilities system.
- Establishing various databases for student affairs.
- Implementing University decrees regarding his/her directorship.

Dean of "Scientific Research and Graduate Studies"

The Dean of Scientific Research and Graduate Studies coordinates with the Deans of the Colleges in all matters relating to scientific research and graduate studies. In addition, the Dean's responsibilities include:

I. Overseeing the preparation of the academic plans for the graduate programs and following-up their implementation.
II. Overseeing the process of setting a strategic plan for scientific research.
III. Monitoring issues related to approved channels and media for publication.
IV. Preparing and submitting interim and end of year reports in relation to scientific achievement at AAU.
V. Overseeing the implementation of the decisions of the Scientific Research Council.
VI. Overseeing graduate students' affairs.

♦ Deputy Dean of a College

Responsibilities:

A College "Deputy Dean" is appointed by the University President. The Deputy Dean holds a PhD degree and usually holds the rank of Professor. The Deputy Dean reports directly to the relevant Dean and carries out the following:

I. Representing the Dean (where the Dean is not present) at the institutional level;

II. Forming the College committees and following up their activities.

III. Supervising the College academic, research and extra-curricular activities.

IV. Chairing the College assessment-committee and following up its activities.

V. Taking part in evaluating faculty and staff performance within the College.

College Council

Membership:

The College Council comprises of the Dean – Chair, Deputy Dean, Department Heads, and one representative of each department. The College Council meets once a week or whenever needed.

Responsibilities:

I. Overseeing academic plans of various programs in the college and coordinating between them;

II. Approving students' grades.

III. Approving students' applications for transfer to the College in accordance with the directions issued by the Deans' Council.

IV. Recommending conferring academic degrees.

V. Approving the nomination of new faculty members or teaching assistants, or suggesting their secondment, transfer or granting them scholarships or study leaves.

VI. Overseeing the scientific research of the college faculty members.

VII. Appointing standing committees to investigate or study issues within its responsibilities.

Department Council

Membership:

The department council comprises all faculty members within the academic department and is chaired by the Department Head. The Department Council meets twice a month or whenever needed.

Responsibilities:

I. Discussing and approving department plans for teaching, scientific research and community service.

II. Approving new courses/ programs and recommending them to the college council.

III. Reviewing and approving suggested textbooks by faculty members.

IV. Reviewing and submitting nominations of applications for new faculty members and teaching assistants to the college council.

V. Approving faculty course loads, lectures and field training sessions for individual faculty members and other teaching staff in accordance with the University regulations.

VI. Reviewing assessment results, and recommending appropriate changes and modification in the study plan, course content and teaching/learning strategies.

VII. Approving the formation of department committees.

VIII. Setting the department budget.

Department Head

Department Head is appointed by the University President upon nomination from the College Dean.

The Department Head is responsible for:

I. Chairing the Department Council and following up its recommendations.

II. Representing the department in the College Council.

III. Forming the department committees and following up their activities.

IV. Approving the department budget.

V. Chairing the textbooks and timetable committees.

VI. Supervising the department academic, research and extracurricular activities.

VII. Chairing the department assessment-committee and following up its activities.

VIII. Evaluating faculty and staff performance within the department.

Program Director

Program Director is appointed by the University President upon nomination from the College Dean.

The Program Director is responsible for:

I. Helping the Dean and the college administration in the planning, implementation and marketing of the program's functions.

II. Serving as a liaison between students, faculty, other campuses and other departments on program-related issues.

III. Coordinating activities of students, faculty, staff and administration to achieve program's objectives.

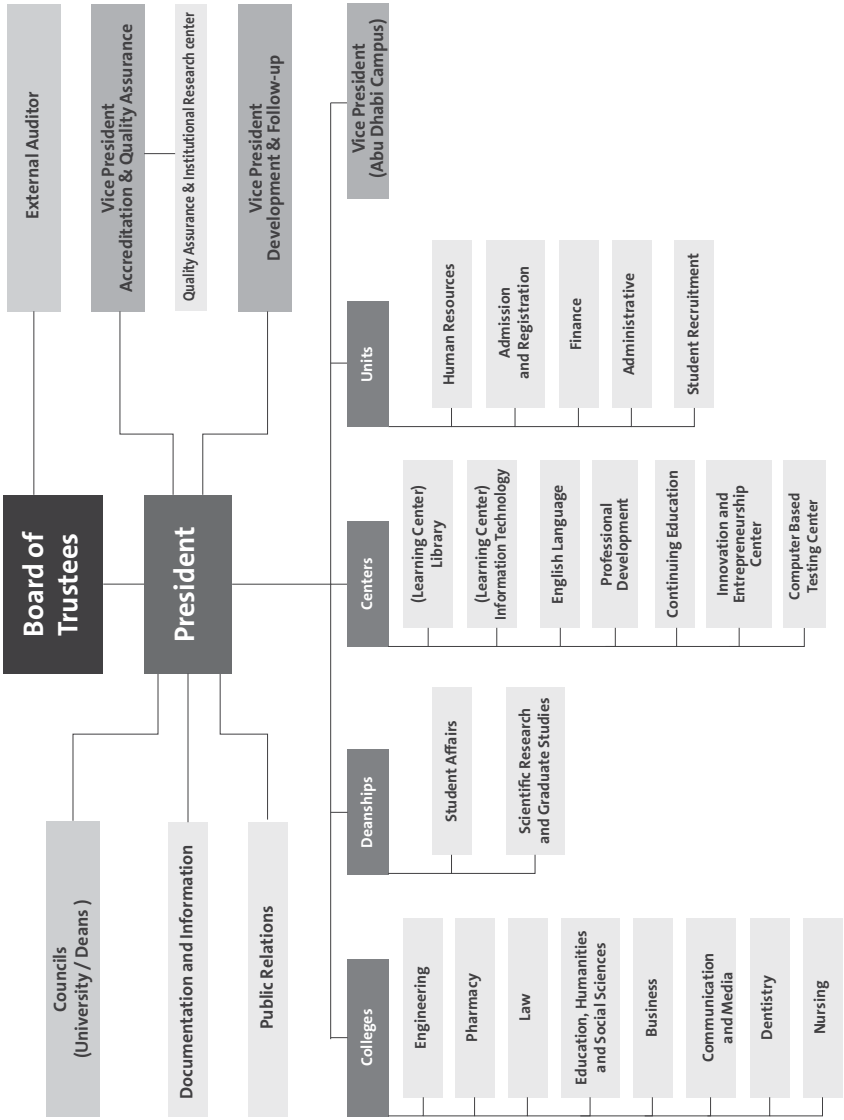
IV. Preparing program-related documents, such as course catalogs, promotional materials, and educational materials.

V. Collecting and maintaining student and course related data, such as, registered students, graduated students, employed students, and offered courses.

VI. Working with college advisors to make sure the advising process runs smoothly and effectively.

VII. Performing any program-related duties assigned by the Dean and the university administration.

Organizational Chart



(7) Physical Resources

Al Ain Campus:

Al Ain Campus has holds the following facilities:

- ♦ classrooms equipped with data show;
- ♦ library (one for males and one for females);
- ♦ mosque (one for males and one for females);
- ♦ cafeteria (one for males and one for females);
- ♦ bookshop (one for males and one for females);
- ♦ gym;
- ♦ auditorium;
- ♦ lounges;
- ♦ computer labs (for males and for females);
- ♦ activity halls (for males and for females);
- ♦ parking areas.

Abu Dhabi Campus:

Abu Dhabi Campus provides the following facilities:

- ♦ classrooms equipped with data show;
- ♦ library (one for males and one for females);
- ♦ mosque (one for males and one for females);
- ♦ moot court;
- ♦ cafeteria (one for males and one for females);
- ♦ bookshop (one for males and one for females);
- ♦ multipurpose room;
- ♦ lounges;
- ♦ computer lab (one for males and one for females);

- multimedia language lab (one for males and one for females);
- activity halls (one for males and one for females);
- parking area.

In addition, each college holds a number of labs catering for its specialized courses as follows:

College of Engineering:

- Communications Laboratory;
- Network Laboratory;
- Embedded Systems Laboratory;
- Electronics Laboratory;
- Physics Laboratory;
- Computer Laboratory.

College of Pharmacy:

- pharmaceutical analysis laboratory;
- chemistry and biochemistry laboratory;
- anatomy and histology laboratory;
- pharmacology laboratory;
- pharm. technology laboratory;
- pharmacognosy laboratory;
- drug information laboratory;
- microbiology laboratory.
- Research laboratory
- Chemistry Lab 2
- Drug Modeling Laboratory
- Virtual Pharmacy Laboratory

College of Law:

- Moot Court

College of Education, Humanities and Social Sciences

- ♦ digital Language laboratory;
- ♦ microteaching laboratory;
- ♦ multimedia computer laboratory;

College of Communication and Media

- ♦ laboratory;

College of Dentistry

- ♦ Dental Simulation Lab;
- ♦ Digital Dentistry Lab;
- ♦ Production Dental Lab;
- ♦ Dental Lab;

College of Nursing

- ♦ Chemistry and biochemistry Laboratory
- ♦ Anatomy and histology/Physiology Laboratory
- ♦ Microbiology Laboratory
- ♦ Multi-purpose nursing skills Laboratory (Proposed to be Constructed)
- ♦ Fundamentals of Nursing Skills Laboratory (Proposed to be Constructed)
- ♦ Physical Assessment Laboratory (Proposed to be Constructed)
- ♦ Nursing Specialties Simulation Laboratories (Proposed to be Constructed)
- ♦ Research Laboratory

The English Language Center

- ♦ multimedia computer laboratory;

(8) Cooperative Relationships and Agreements

Al Ain University welcomes and actively encourages cooperation with institutions and organizations at all levels. To this end, the University has participated in exchange programs and signed several agreements aimed at benefiting AAU students and faculty members, as well as the wider community represented by these institutions and organizations.

Such cooperation is realized through various means, including student and faculty exchange programs, joint academic and research initiatives, collaborative training and internship opportunities, shared use of facilities and resources, co-organization of conferences, workshops, and seminars, as well as community engagement and outreach activities. These partnerships contribute to knowledge exchange, capacity building, and the enhancement of academic and professional practices.

(9) Affiliations and Professional Memberships

AAU is committed in providing high quality education; to that end, AAU belongs to a number of regional and international associations and organizations that are connected to issues of higher education and professional learning.

AAU is a member of the following associations:

- Association of Arab Universities.
- Islamic International Universities Association.
- Association of Arab Private Institutions for Higher Education.
- Scientific Association of Colleges of Engineering in the Arab World.
- Colleges of Computing and Information Society (CCIS).
- The International Pharmaceutical Federation (FIP).
- American Association of Colleges of Teacher Education (AACTE).
- Association to Advance Collegiate Schools of Business (AACSB).
- Administration Accreditation Council for Business Schools and Programs (ACBSP).

(10) Admission Requirements and Procedures

College Admission Requirements Undergraduate Programs

Program	Teaching Language	Math	Physics	Biology	Chemistry	Additional Information
Bachelor of Science in Civil Engineering	English	80	80	one of the) 80 (two subjects		1. For the Bachelor of Dental Surgery program: • An Interview is required. • Applicants who achieved a score between 80% and 89.9% in competency requirement subjects are required to take a remedial (pass/fail) course outside the academic plan, which does not count towards the cumulative GPA. 2. For programs taught in English, applicants must achieve a minimum High School English score of 80%, or a score of 5 in the IELTS exam, or 500 in the TOEFL exam. Those who do not meet this requirement must enroll in a 3 CR.H. remedial English course. This course is graded on a pass/fail basis, is not part of the academic plan, and does not count toward the cumulative GPA (This requirement is waived for those whose curriculum was taught in English). 3. For the (Pharmacy, Engineering, Law) programs, applicants who fail to meet the required subject scores must take a 3 CR.H. remedial course related to the deficient subject during their admission semester. This course is outside the academic plan and is excluded from the cumulative GPA.
Bachelor of Science in Computer Engineering	English	80	80			
Bachelor of Science in Networks and Communication Engineering	English	80	80			
Bachelor of Science in Cybersecurity	English	x	x	x	x	
Bachelor of Science in Software Engineering	English	x	x	x	x	
Bachelor of Science in Computer Science	English	x	x	x	x	
Bachelor of Science in Artificial Intelligence and Robotics	English	x	x	x	x	
Bachelor of Science in Pharmacy	English	80	80	80	80	
			Two of the three subjects			
Bachelor of Science in Nutrition and Dietetics	English	x	x	x	x	
Bachelor of Law	Arabic	70	x	x	x	
Bachelor of Arts in English Language and Translation	English	x	x	x	x	
Bachelor in Arabic Language and Literature	Arabic	x	x	x	x	
Bachelor in Islamic Studies	Arabic	x	x	x	x	
Bachelor of Education in Special Education	Arabic	x	x	x	x	
Bachelor of Arts in Applied Psychology	Arabic	x	x	x	x	
Bachelor of Arts in Applied Sociology	Arabic	x	x	x	x	
Bachelor of Business Administration in Accounting	English	x	x	x	x	
Bachelor of Business Administration in Finance and Banking	English	x	x	x	x	
Bachelor of Business Administration in Management	English	x	x	x	x	
Bachelor of Business Administration in Management Information Systems	English	x	x	x	x	
Bachelor of Business Administration in Marketing	English	x	x	x	x	
Bachelor of Business Administration in Business Analytics	English	x	x	x	x	
Bachelor of Business Administration in Human Resource Management	English	x	x	x	x	
Bachelor of Mass Communication and Media	Arabic	x	x	x	x	
Bachelor of Digital Media	Arabic	x	x	x	x	
Bachelor of Advertising and Digital Marketing	Arabic	x	x	x	x	
Bachelor of Public Relations	Arabic	x	x	x	x	
Bachelor of Communication and Crises	Arabic	x	x	x	x	
Bachelor of Dental Surgery	English	90	90	90	90	
			Two of the three subjects			
Bachelor of Science in Nursing	English	x	x	x	x	

Graduate Programs

#	Program	Medium of Instruction	Proficiency Subjects	Proficiency English	Additional Information
1	Doctor of Philosophy in Law	Arabic	A Master's degree in law or equivalent, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 4 in IELTS, 400 in TOEFL, or an equivalent.	1. Interview Required. 2. Two recommendation letters. 3. Applicants who hold a Master's degree in Arabic Language and Literature, Islamic Studies, Islamic Education Curricula and Teaching Methods, or a related field from an institution accredited by the Ministry of Higher Education and Scientific Research in the UAE are required to register for two remedial courses (each worth 3 credit hours). These courses are determined by the department/college based on each student's academic background and previous degree. The remedial courses are taken outside the study plan and are not included in the cumulative GPA. 4. Applicants who do not meet the English language proficiency requirement must register for a remedial English course (3 credit hours, Pass/Fail), which is taken outside the study plan and is not included in the cumulative GPA. 5. Applicants whose native language is English or who have completed their previous academic qualification in English are exempted from the English language proficiency requirement.
2	Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods	Arabic	A Master's degree in Education - Arabic Language Curricula and Teaching Methods, or equivalent, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 4 in IELTS, 400 in TOEFL, or an equivalent.	
3	Doctor of Business Administration (DBA)	English	A Master's degree in Business Administration (MBA) or equivalent, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 6 in IELTS, or an equivalent. Two recommendation letters and a personal interview.	

#	Program	Medium of Instruction	Proficiency Subjects	Proficiency English	Additional Information
4	Master of Science in Software Systems Engineering	English	A Bachelor's degree in Engineering or an equivalent qualification, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 5 in IELTS, 500 in TOEFL, or an equivalent.	1. Applicants whose Bachelor's degree does not align with the required specialization must complete up to 3 remedial courses (3 CR.H. each), except the MBA program (4 remedial courses required), determined by the department/college on a case-by-case basis based on the applicant's prior degree. These remedial courses are taken outside the curriculum and do not contribute to the cumulative GPA. Specialized courses cannot be taken concurrently with remedial courses. If the applicant has already completed (or holds an equivalent to) any of the remedial courses at the Bachelor's level, they will be exempt from that course. Each exemption allows the applicant to enroll in a specialized course from the designated postgraduate program, which can be completed alongside the remaining remedial courses (up to three). 2. Applicants for the Master's program in Gifted and Talented Education who hold a bachelor's degree in a discipline other than education may be considered, provided they have at least two years of experience in the field of teaching. 3. Applicants who do not meet the required English proficiency score must enroll in a remedial English course (3 CR.H., pass/fail), which is taken outside the academic plan and does not contribute to the cumulative GPA. 4. Applicants whose native language is English or who have completed a Bachelor's degree with English as the medium of instruction are exempt from the English proficiency requirement.
5	Master of Science in Artificial Intelligence	English	A Bachelor's degree in Engineering or an equivalent qualification, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 5 in IELTS, 500 in TOEFL, or an equivalent.	
6	Master of Science in Clinical Pharmacy	English	A Bachelor's degree in Pharmacy or an equivalent qualification, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 5 in IELTS, 500 in TOEFL, or an equivalent.	
7	Master of Science in Pharmaceutical Sciences	English			
8	Master of Criminal Science	Arabic & English	A Bachelor's degree in Law or an equivalent qualification, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 4 in IELTS, 400 in TOEFL, or an equivalent.	
9	Master of Private Law	Arabic & English			
10	Master of Public Law	Arabic & English			
11	Master of Arts in Applied Sociology	Arabic & English	A Bachelor's degree in Applied Sociology or an equivalent qualification, approved by the UAE-MoHESR.		
12	Master of Education in Arabic Language Curricula and Instruction	Arabic	A Bachelor's degree in Arabic Language or an equivalent qualification, approved by the UAE-MoHESR.	None	
13	Master of Education in Islamic Education Curricula and Instruction	Arabic	A Bachelor's degree in Islamic Education or an equivalent qualification, approved by the UAE-MoHESR.	None	
14	Master of Business Administration	English	A Bachelor's degree in Business or an equivalent qualification, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 5 in IELTS, 500 in TOEFL, or an equivalent.	
15	Master of Science in Business Data Analytics	English	A bachelor's degree in Business, Engineering, IS/IT, Science, or an equivalent qualification, approved by the UAE-MoHESR. Bachelors in disciplines other than the above will be required to take up to three remedial courses.	A valid English Language Proficiency Certificate with a minimum score of 5 in IELTS, 500 in TOEFL, or an equivalent.	
16	Master of Arts in Digital Media and Public Relations	Arabic & English	A Bachelor's degree in Digital Media and Public Relations or an equivalent qualification, approved by the UAE-MoHESR.	A valid English Language Proficiency Certificate with a minimum score of 4 in IELTS, 400 in TOEFL, or an equivalent.	
17	Postgraduate Professional Diploma in Teaching	Arabic or English	A Bachelor's degree or an equivalent qualification, approved by the UAE-MoHESR.	None	
18	Postgraduate Professional Diploma in Early Childhood Education	Arabic or English	A Bachelor's degree or an equivalent qualification, approved by the UAE-MoHESR.	None	

English Language Proficiency and English Language Level Regulations

With the exception of the College of Law, the College of Communication and Media, the Arabic Language and Islamic Studies program as well as Special Education, Applied sociology and Applied Psychology the English language is the medium of instruction at AAU. A student who has not submitted an English Language Proficiency Certificate with his/her application needs to sit for the AAU English Placement Test. Based on the results of the test, the student will be placed in the Intensive Remedial course. In addition, a student is allowed to register for the General University Education courses following University Registration rules and procedures.

If the student obtains the required English Language Proficiency certificate while studying the Intensive Remedial English course (IRE) he/she may drop the IRE course taking into consideration AAU regulations and the academic calendar. If the student obtains a result in the placement test that exempts him/her from taking the Intensive Remedial course, he/she is allowed to register for any of the General University Education courses for up to a maximum of 18 credit hours.

A student may not study more than 18 credit hours before obtaining the required English Language Proficiency certificate. For College of Law students and those enrolled in the the College of Communication and Media, Arabic Language and Islamic Studies program as well as in Special Education, Applied sociology and Applied Psychology if a student fails to obtain the required grade in the placement test, he/she is required to register for the Intensive Remedial English course. He/she can also register for up to 9 credit hours along with the Intensive Remedial English course.

Transfer of Credit Hours

If a student transfers from a university or college that is accredited by the Ministry of Education and wishes to transfer the credits for courses successfully completed at the previous university or college, then he/she has to submit a course equivalency application to the Admission and Registration Office where it is referred to the relevant college. Course equivalency is calculated according to the following principles:

I. The university or college from which the student is transferring must be accredited by the Ministry of Higher Education and Scientific Research;
II. The student's CGPA should be 2.0 or above;
III. The student must be a full time student;
IV. The credits for a course are transferred if the student obtained(C) or above in the course;
V. The content of the transferred course is equivalent to at least 80% of the content of the course at AAU;
VI. The credit hours of the transferred course should be the same as that of the AAU course;
VII. If a student's CGPA is below, 2.0 he/she is allowed to transfer credit courses, provided that they meet the credit transfer requirements. In such a case, the student must enrol in a major which is different to the major that he/she is transferring from;
VIII. The maximum credit hours that can be transferred are 50% of the total credits required for the program at AAU;
IX. No credit is granted for pass/fail courses.

Transferred credits are not used in calculating the student's CGPA at AAU.

The student can request a revision or appeal a course equivalency decision within two weeks of receiving the decision.

(11) Withdrawal and Readmission Policies

Adding and Dropping Courses

During the first week of the semester, or in the first three days of the summer session, a student may add or drop one or more courses after receiving the approval of the academic advisor. In order for a student to drop or add courses, he/she needs to obtain an add-and-drop form from the Admission and Registration Unit, and then follow the same steps required for registration above.

Change of Major

A student may change his/her major provided that he/she meets the following requirements:

I. The student must submit an application to the Admission and Registration Unit within the period specified in the academic calendar;
II. The student must meet the admission requirements of the new major or college;
III. The student should not have been previously dismissed from the department/ college that he/she wished to transfer from;
IV. When a student changes to a new major or college, he/she may select courses which he/she had taken beforehand in order to be transferred, provided these courses are part of the student's new Study Plan. The grades of these transferred credits are taken into account when the student's CGPA is calculated;
V. A student is entitled to only one change of major or college throughout his/her enrolment at AAU.

Withdrawal from AAU

If a student wishes to withdraw from AAU, he/she needs to submit a withdrawal form along with a clearance form. His/her academic record will show as "Withdrawn".

If a student wish to join AAU again, he/she has to re-apply. In the case where the student is accepted to the same major, the student can keep his/ her previous academic record, provided he/she completes the graduation requirements according to the Study Plan that is applicable at AAU at the time of re-joining. If the student is accepted into a different major, point (iv) of the section Changing Major (see above) will apply.

Readmission to AAU

if the student wish to join AAU again, he/she has the right to re-apply. In case where the student is accepted into the same major, the student can keep his/her previous academic re- cord, provided that he/she completes the graduation requirements according to the Study Plan that is applicable at AAU at the time of re-joining.

Moreover, the student's readmission will be subject to College admission requirements and tuition fees applicable at time of re-joining.

Studying Courses at Other Institutions

An AAU student who wishes to study courses at another institution may do so according to the following regulations:

1. The number of credit hours taken at other institutions should not exceed 6 credit hours throughout his/her course of study.
2. The student needs to obtain a written approval from the college dean prior to studying at other institutions by filling out the applicable form.
3. The institution where the student wishes to study has to be accredited by the Ministry of Higher Education and Scientific Research.
4. The courses the student wishes to study can only be from the General Requirements or College Requirements.
5. The student must study the last 30 credit hours (two semesters) at AAU

regardless the nature of the courses.
6. The courses the student wishes to study must not be offered at AAU during the same semester/session.
7. Students enrolled in courses at AAU are not allowed to study at other institutions simultaneously.
8. The student must obtain C or above in the course for the credits to be transferred.
9. The study load for students in the summer session is 6 credit hours. He/she may study an additional 3 credit hours at another institution after the summer session at AAU ends in accordance with the above regulations.

Studying a Substitute Course

If the student's graduation depends on studying a course that is not offered in the semester in which he/she is supposed to graduate, or if the course time clashes with another course, the student may, upon approval from College Dean, study a substitute course, provided the number of substitute courses does not exceed two with a total of six credit hours at the most.

Repeating a Course

- A student may repeat a course in order to raise his/her CGPA.
- The student may choose a different elective or free elective, and substitute this for an elective or free elective in which he/she has previously failed.
- If a student repeats a course, the credit hours of the course are calculated as part of the hours required for graduation only once.
- In all cases, the higher grade for a repeated course is calculated into the CGPA.

(12) Financial Information

Firstly:

Fees for credit hours for Bachelor's Programs (Applied to New Students):

College	Programs	Credit Hour Fees at Al Ain campus	Credit Hour Fees at Abu Dhabi campus
College of Engineering	Bachelor of Science in Computer Engineering	**1,300**	**1,500**
	Bachelor of Science in Networks and Communication Engineering	**1,300**	**1,500**
	Bachelor of Science in Computer Science	**1,200**	**1,500**
	Bachelor of Science in Software Engineering	**1,200**	**1,500**
	Bachelor of Science in Civil Engineering	**1,500**	**1,600**
	Bachelor of Science in Cybersecurity	**1,300**	**1,500**
	Bachelor of Science in Artificial Intelligence and Robotics	**1,300**	**1,500**
College of Pharmacy	Bachelor of Science in Pharmacy	**1,700**	**1,800**
	Bachelor of Science in Nutrition and Dietetics	**1,700**	**1,800**
College of Law	Bachelor of Law	**1,400**	**1,400**

College of Education, Humanities& Social Sciences	Bachelor in Arabic Language and Literature	**1,200**	**1,300**
	Bachelor in Islamic Studies	**1,200**	**1,300**
	Bachelor of Education in Special Education	**1,200**	**1,300**
	Bachelor of Arts in Applied Psychology	**1,200**	**1,300**
	Bachelor of Arts in Applied Sociology	**1,200**	**1,300**
	Bachelor of Arts in English Language and Translation	**1,200**	**1,300**
College of Business	All Programs	**1,300**	**1,400**
College of Communication and Media	Bachelor of Mass Communication and Media - Digital Journalism	**1,200**	**1,400**
	Bachelor of Mass Communication and Media - Advertising	**1,200**	**1,400**
	Bachelor of Mass Communication and Media - Public Relations	**1,300**	**1,500**
	Bachelor of Digital Media	**1,200**	**1,400**
	Bachelor of Advertising and Digital Marketing	**1,200**	**1,400**
	Bachelor of Communication and Crisis	**1,200**	**1,400**
	Bachelor of Public Relations	**1,300**	**1,500**
College of Dentistry	Bachelor of Dental Surgery	**-**	**2,700**
College of Nursing	Bachelor of Science in Nursing	**-**	**1,700**

Secondly:

Tuition fees for accredited hours in graduate programs:

College	Program	Credit Hour Fees at Al Ain campus	Credit Hour Fees at Abu Dhabi campus
College of Engineering	Master of Science in Software Systems Engineering	**2,700**	**2,700**
	Master of Science in Artificial Intelligence	**2,700**	**2,700**
College of Pharmacy	Master of Science in Clinical Pharmacy	**3,000**	
	Master of Science in Pharmaceutical Sciences	**3,000**	**3,000**
College of Law	Master of Private Law	**2,700**	**2,700**
	Master of Public Law	**2,700**	**2,700**
	Master of Criminal Science	**2,700**	**2,700**
	Doctor of Philosophy in Law	**2,800**	**2,800**
College of Education, Humanities& Social Sciences	Postgraduate Professional Diploma in Teaching	**1,000**	**1,000**
	Postgraduate Professional Diploma in Early Childhood Education	**1,000**	**1,000**
	Master of Education in Arabic Language Curricula and Instruction	**2,200**	**2,200**
	Master of Education in Islamic Education Curricula and Instruction	**2,200**	**2,200**
	Master of Arts in Applied Sociology	**2,500**	**2,500**
	Master in Gifted and Talented Education	**2,500**	**2,500**
	Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods	**4,000**	**4,000**

College of Business	Master of Business Administration-General	**2,500**	**2,500**
	Doctor of Business Administration (DBA)	**4,500**	**4,500**
College of Communication and Media	Master of Arts in Digital Media and Public Relations	**2,500**	**2,500**

Note:

The fees for remedial (preparatory) course credit hours shall be as follows:

1. Bachelor's Degree: Fees shall be charged according to the credit hour fees applicable to the student's major.
2. Master's Degree: Fees shall be charged according to the Bachelor's degree credit hour fees, based on the specialization.
3. Doctoral Degree: Fees shall be charged according to the Master's degree credit hour fees, based on the specialization.

Thirdly:

Administrative Fees- Semester and Annual (applicable to current and new students):

Administrative Fees	Fee	AED	Note
1	University Application Fee	**1,000**	Upon Enrollment
2	University Admission Fee	**1,500**	Upon Admission
3	Refundable Deposit - refundable upon graduation (applied to all students except for diploma and Bachelor of Dental Surgery students)	**1,000**	Upon registering for the first semester
4	Refundable Deposit - refundable upon graduation (Bachelor of Dental Surgery students)	**5,000**	Upon registering for the first semester
5	Registration Fees	**500**	Semesterly
6	Student ID card	**100**	Annually
7	Health services fee (applied to bachelor's students only)	**100**	Semesterly / Excluding Summer

8	Orientation fees (excluded for diploma students)	**100**	Semesterly / Excluding Summer
9	Fees for entertainment and interactive activities and services (applied to bachelor's students only)	**1,000**	Semesterly / Excluding Summer
10	Laboratory and Clinics Fees during the first and second years - Bachelor of Dental Surgery students	**5,000**	Semesterly / Excluding Summer
11	Laboratory and Clinics Fees from the third year upwards - Bachelor of Dental Surgery students	**7,000**	Semesterly / Excluding Summer

Fourthly:

Special requests and other services fees:

Other Fees	Fee	AED
1	To whom it may concern Fees	**100**
2	Urgent To whom it may concern Fees	**200**
3	Transcript	**150**
4	Urgent Transcript	**200**
5	Attestation Certificate	**100**
6	Graduation Certificate	**150**
7	Graduation Certificate (Arabic - English, Transcript) with smart chip	**700**
8	Smart Chip	**200**
9	Equivalence	**1,000**
10	Incomplete Exam	**400**
11	Grade Appeal	**400**
12	Final Exam Retake	**2,000**
13	English Language Exam	**300**
14	Late Registration	**600**
15	Change of Major	**500**
16	Re-registration/ Re-admission	**500**
17	Registration Suspension / Deferral / Postpone semester	**100**

Fifthly:

All the above-mentioned fees are subject to Value Added Tax (VAT), which will be calculated and added upon fee application.

Sixthly:

The university reserves the right to change any or all fees without prior notice, not exceeding 20%.

12.2 Refund of tuition fees:

The registered student has the right to request cancellation of registration or withdrawal from the university before the end of the semester, with a refund percentage of the registered credit hours' tuition fees, as detailed below:

Refund Percentage	First and Second Semester	Summer Semester
100% Refund	Within the first week of the semester (Add and Drop Period).	Within first three days of the semester (Add and Drop Period).
60% Refund	During the second week of the semester.	On day 4 and 5 of the semester.
0 refund	After the second week of the semester.	After the5 th day of the semester.

- All other fees are non-refundable.
- A student expelled or suspended for disciplinary reasons forfeits their right to any fee refund.

12.3 Grants and Humanitarian Aid:

The university aims, through scholarships offered to students, to reward them for their excellence both academically and non-academically. Additionally, the university has focused on providing humanitarian aid to students whose fi-nancial circumstances hinder their completion of their first university degree.

Firstly: Academic Grants.

1- High School Excellence Grants (All Bachelor programs, excluding Bachelor of Dental Surgery):

Students are granted a discount on the tuition fees of registered credit hours for the first semester upon enrollment, according to the following criteria:

Grant percentage	Eligible category for this grant	Conditions for continuing the grant
100%	Top Five Students in UAE.	The student achieves a semester GPA of at least 3.8 based on registering for a minimum of 15 credit hours.
50%	The student achieved a secondary school grade of not less than 99%.	The student achieving a semester GPA of at least 3.8 as a result of registering for no fewer than 15 credit hours.
40%	The student achieved a secondary school grade of not less than 98%.	The student achieves a semester GPA of at least 3.8 by enrolling in a minimum of 15 credit hours.
30%	The student achieved a secondary school grade ranging between 94% and 97.99%.	The student achieves a semester GPA of at least 3.6 by enrolling in a minimum of 15 credit hours.
20%	The student achieved a secondary school grade ranging between 90% and 93.99%.	The 30% discount continues into the next semester if the student achieves a semester GPA of at least 3.6 by registering for a minimum of 15 credit hours.

2. High School Excellence Grants (Bachelor of Dental Surgery):

Grant percentage	Eligible category for this grant	Conditions for continuing the grant
30%	The student achieving a secondary school grade of 98% and above	The student achieves a semester GPA of at least 3.6 by enrolling in a minimum of 15 credit hours.
20%	The student achieving a secondary school grade ranging between 95% and 97.99%	The 30% discount continues into the next semester if the student achieves a semester GPA of at least 3.6 by registering for a minimum of 15 credit hours.

3. Academic Excellence grants for Bachelor's Degree (All Bachelor programs, excluding Bachelor of Dental Surgery):

Students receive the following grants in the semester following the fulfillment of the conditions, as follows:

Academic Honor type	Discount percentage	Discount terms
College Honor Roll	30%	The student achieves a semester GPA of at least 3.6 by registering for a minimum of 15 credit hours.
University Honor Roll	40%	After three continuous "College honor roll"

4- Academic Excellence grants for Bachelor of Dental Surgery:

Students receive the following grants in the semester following the fulfillment of the conditions, as follows:

Academic Honor type	Discount percentage	Discount terms
College Honor Roll	20%	The student achieves a semester GPA of at least 3.6 by registering for a minimum of 15 credit hours.
University Honor Roll	30%	After achieving three consecutive "College honor rolls"

5- Grants for University Graduates:

A 40% discount is awarded to students interested in enrolling in any of the bachelor's degree programs (except the Bachelor of Dental Surgery Program) who have previously graduated from Al Ain University at any level. To maintain this grant, the student must achieve a semester GPA of at least 3.6 based on registering for a minimum of 15 credit hours.

6- Siblings grants:

The university offers grants to siblings and relatives enrolled in the same semester as

per the following:

1. Each sibling (excluding the eldest) is granted a 20% discount on registered credit hour fees.
2. Parents, sons, daughters, and spouses, registered in university are treated as siblings.
3. Siblings discount for Bachelor of Dental Surgery Program: requires the siblings to be registered in the same semester and continues upon achieving a minimum semester GPA of 3.0.

7- Loss of breadwinner

The University offers grants to bachelor's students who lose their primary provider during their university studies, covering 50% of the students' credit hour fees for all programs and 30% for the Bachelor of Dental Surgery program, continuing until the student graduates. The following rules govern this type of grant:

1. An attested death certificate shall be submitted.
2. The student has not been awarded another scholarship from any other official party.
3. The student will benefit from this grant in the semester following the submission of the relevant death certificate.
4. The student does not have access to other resources that would enable them to continue their university studies.
5. It required for Bachelor of Dental Surgery students to achieve a semester GPA of 3.0 for the continuation of this grant.

8- Graduate Programs: Grants based on the following categories:

1. Discount for the Postgraduate Professional Diploma in Teaching:

The university offers a 15% discount on registered credit hours for all specializations in the Diploma program.

2. Master's Programs Discount:

Discount percentage	The eligible category for this grant	The conditions for applying for the grant and its continuation
15%	It includes graduates from Al Ain University who enrolled from the first semester of the academic year 2019-2020 until the first semester of the academic year 2022-2023.	To register for a minimum of 6 credit hours. To maintain the discount for the following semester, the student must register for at least 6 credit hours and achieve a minimum semester GPA of 3.
10%	It includes graduates from other accredited universities recognized by the Higher Education Authority with a GPA of at least 3.60.	To register for a minimum of 6 credit hours. To maintain the discount for the following semester, the student must enroll in at least 6 credit hours and achieve a minimum semester GPA of 3.
30%	It includes graduates with a bachelor's degree from Al Ain University who enrolled starting from the second semester of the academic year 2022-2023 (applies to pre-courses only).	Unconditional (one-time only)
40%	It includes graduates of Al Ain University from all levels who enrolled starting from the second semester of the academic year 2022-2023.	To register for a minimum of 6 credit hours. To maintain the discount for the following semester, the student must enroll in at least 6 credit hours and achieve a minimum semester GPA of 3.3. If the GPA drops below 3.3, the discount will be reduced to 15%, provided that the GPA does not fall below 3.

9- Fazaa card holders:

New students registered for a bachelor's degree starting from the Academic Year 2024-2025 are granted a Fazaa card discount with a 20% discount from the credit hour fees for all specializations offered at the university (except for the Bachelor of Dental Surgery Program), according to the conditions announced in this regard. To continue receiving the grant, the student must maintain a minimum semester GPA of 3.0 by registering for at least 12 credit hours. (Summer courses or repeated courses are not included).

10- People of determination:

The University offers a 50% discount on registered credit hour fees for bachelor's programs (except the Bachelor of Dental Surgery program) during regular semesters (excluding summer semesters) to students maintaining a cumulative GPA of 2.50 or higher.

11- Overachievers in extracurricular activities:

The University offers scholarships for one semester for outstanding students in extracurricular activities, according to the following:

1. The extracurricular activity must be at the national or international level and can be individual or in a group of no more than four people. If the activity is sports-related, all team members will receive a discount based on the position achieved.
2. The student must participate in extracurricular activities during their time at the university.
3. The student must participate in extracurricular activities on behalf of the university.
4. The student's GPA must not be less than 2.00.
5. All documents proving the extracurricular achievement must be provided.
6. Students will receive a discount ranging from 10% to 30%, depending on the position achieved, for one semester.
7. The discount will be applied in the semester following the achievement.
8. If the student achieves extracurricular excellence in the graduation semester, they lose the right to the discount.
9. Students can apply for the extracurricular discount each time they achieve excellence during their studies.
10. The student must not have any behavioral violations or academic integrity violations in the semester they apply for the discount.
11. If the student achieves multiple extracurricular distinctions in the same semester, the discount will be based on the highest achievement.
12. Students must fill out the extracurricular discount application and submit it to the Student Affairs Department, for review by the Grants and Humanitarian Assistance Committee.
13. The application must be submitted within two weeks of the achievement.
14. The application must be signed by the department responsible for the activity within the university (e.g., College Dean, Student Affairs, etc.).
15. The conditions and rules for all other discounts provided by the university, as stated in the student handbook, will apply.

Secondly: Humanitarian Aid Grants.

1. The University offers grants for students who cannot afford to pursue their studies.
2. Based on the recommendation of the Deans' Council at the beginning of each academic year, AAU president forms a committee entitled "The Grants and Financial Aid Committee". This committee is responsible for making decisions regarding humanitarian financial aid granted to students.

-Terms and conditions for grants:

1. All types of discounts and grants provided by the University are applied to the basic semesters (first and second) and do not apply to summer semesters, except

for Diploma students.
2. These discounts do not cover repeated courses, whether due to failure or for GPA improvement purposes.
3. Grants and discounts do not apply to students funded by external entities.
4. A student may not combine two grants in the same semester. If a student qualifies for two grants, they will receive a higher discount rate.
5. The student must apply for the grant as soon as they meet the qualifying conditions, and it will not be retroactively granted if the semester it applies to has already passed.
6. Continuation of all grants and exemptions is conditional upon settling the semester fees before the final examination period.

-Grants Regulations:

1. These grants are given at the undergraduate level only.
2. Grants cover only the first and second-semester credit hour fees.
3. Applications for humanitarian aid should be submitted to the Deanship of Student Affairs at the beginning of each semester (first and second only).
4. The minimum CGPA for the continuation of financial aid grants, except the General Secondary and Academic Excellence grants ,is 2.5.
5. Grants and discounts do not apply to English Language Levels, registration fees, or extracurricular activities fees.
6. Grants and discounts do not apply to students funded or sponsored by other parties.
7. A student is entitled to one grant at a time. In case a student qualifies for two grants, he/she shall receive that which is higher.
8. Grants do not apply to repeated courses.
9. Any financial obligations should be paid on time.
10. The student shall not receive a grant for a semester in which he/she has received an academic warning.
11. If the student receives a disciplinary punishment, they are not entitled to apply for a humanitarian aid grant in the following semester.
12. Grants and discounts are not given retroactively.
13. Grants and discounts do not apply to the summer semesters.
14. A student receiving a grant cannot postpone studying for the duration of the grant.
15. A student receiving a grant is expected to be exemplary in terms of abiding by the AAU Student Code of Conduct.

-Procedures for applying for a grant of Humanitarian Aid:

1. Fill in the student form “Request for Humanitarian Aid” available at the Deanship of Student Affairs
2. Submit the request by explaining the social situation in detail.
3. Submit documents which verify a student’s case
4. Submit a copy of the passport
5. Provide recent grade transcripts.

Thirdly: ‘Musahama’ Fund

‘Musahama’ Fund for student financial aid was established as a result of AAU’s concern for the welfare of the students and as continued support to them. The funds come from the donations and grants from bodies that wish to help students facing financial difficulties. The ‘Musahama’ Fund Committee was formed by a decision from the Board of Trustees to set the regulations and procedures of the Fund.

(13) Student Services

The Deanship of Student Affairs
The Deanship of Student Affairs at Al Ain University was established in the Academic year 2005- 2006 to support the academic missions of the University. The Deanship develops programs and services that support the community, ensure a respectful environment, and enrich the overall student experience. We strongly believe that our programs and services will help the students succeed in their academic, personal, and professional lives.

a. Learning Support Centers
At each of the AAU colleges, there are various Support Centers to help the students get the most out of their University careers. They all have their own goals that contribute to giving the student the help and support that they need.

The Bookshop
Conveniently enough, in each campus of AAU, there are two bookshops; one for the males; the other for females. The main purpose of the bookshop is to provide students with required textbooks for their courses. Textbooks are available at the beginning of the semester to enable students to obtain their copies early on. In addition, the bookshop offers services such as photocopying and selling stationery.

English Language Center
The English Language Center at Al Ain University exists to serve the language needs of students who are in a transitional period as they are about to embark on a learning experience where the medium of instruction is English. The staff of the ELC is committed to creating and maintaining an organized and trusting environment where teaching and learning are exciting and students are assisted as they develop their language skills. All aspects of the teaching activities are student-centered and designed to accommodate individual differences and learning styles in order for all to experience success.

Moot Court
The Moot Court at the College of Law is a simulation of a real trial in both civil and criminal matters. It is offered in a classroom equipped as a court of law. The relevant cases are carefully selected and students are assigned different judicial roles (judges, prosecutors, defense, etc...) and graded according to their practical performance.

Digital Language Labs
The Digital Language Labs are air conditioned and fully equipped with 25 multimedia computers, a data show device, a screen and other related equipment, items, and language software. These laboratories cover the practical part related to listening, speaking, writing, linguistics, phonetics, phonology, morphology, translation, and instructional technology courses.

Microteaching Lab
There is a Microteaching Lab at the College of Education which covers the practical part of the methods of teaching courses and is divided into two separate air conditioned sections for males and females. The lab also contains an isolated small room with blind observation window that has console with mixing, editing, and recording functions. Each separate section of the lab has a digital monitor, a camera; a data show device, and a screen. There are two Multimedia Teaching Labs which cover the practical parts of instructional technology courses and have all the necessary equipment.

Students Recruitment Unit

The Students Recruitment Unit continues to define the AAU community in terms of its academic programs and various specializations through organizing visits to schools, universities and various institutions, in addition to participating in educational fairs through which students inquire on the programs offered by the University. Furthermore, it guides and advises them on appropriate specialties to their preferences and the requirements of the labor market. Concerning the enrolled students at the University, the Unit communicates with them to resolve their problems within official channels as in cases when students desire to change their specialties, to suspend their studies or to discontinue with their education once and for all. The Unit continuously scrutinizes their cases to try to identify the reasons and to find the appropriate solutions.

Student Counselling Unit

This unit seeks to counsel and advise students in the areas below:

a. Personal Counselling

This includes the following:

- To identify and follow up with student problems and providing appropriate solutions;
- Providing individual as well as group advising for students while maintaining the highest level of confidentiality
- Introducing the freshmen to the AAU facilities as well as guiding and helping them overcome the first and most difficult stage in their university life.
- Activating the role of students in decision-making through their participation in the preparation and organization of sports, cultural, artistic and social development activities.
- Refining the students' personalities educationally, psychologically, emotionally, and socially through supporting their tastes, interests and talents.
- Organizing meetings, lectures and participating in religious and national occasions and events.
- Strengthening the bonds of national unity and sense of belonging to the nation and culture.
- Developing a culture of democracy, justice, equality, and respect for others in an embodiment of the idea of the student parliament.
- Establishing student associations to facilitate the participation of students in various activities.

b. Academic Counselling

The University strongly recommends that all new students attend both the General and the Special Academic Advising sessions, which are routinely held at the beginning of each semester.

The General Advising session aims to familiarize students with the academic system at AAU, the services, the student activities, and educational resources available at AAU. Special Advising is normally conducted after the students have entered their colleges, where they are familiarized with their respective Study Plans, the exams, and graduation requirements.

They will also meet their academic advisor(s) who will guide and advise the students until they fulfill their graduation requirements.

c. Career Counselling

This service is to help the student identify his/her career options and develop the skills necessary to find employment. Counsellors will help students match their interests and abilities with possible careers. They offer workshops on career planning, resume writing, interviewing techniques and conducting a job search. The career planning programs will host job and career fairs and bring representatives from various companies to campus. Information about graduate options is also provided.

Career Placements

The Deanship of Student Affairs receives application from students who wish to work on campus. The Deanship then forwards the applications to the Human Resources Unit to contact the applicants according to their skills and available openings.

Computer Labs

The computer labs for each of the Colleges are as follows:

Total of Al Ain university Labs (2025-2026)					
Beneficiary	Purpose	Number of Labs		Total number of computers	
		Al Ain	Abu Dhabi	Al Ain	Abu Dhabi
All Colleges	General Use for all the students	6	3	228	165
	Exams	9	2	433	122
	Placement Exam	1	-	13	-
	E- Class	1	-	30	-
College of Engineering	General	1	3	33	75
	Network Lab	1	1	27	25
	Embedded System Lab	1	-	10	-
	Cyber Security Lab	2	1	80	25
College of Pharmacy	Drug Info Lab	1	1	30	25
	Simulation Lab	1	-	20	-
	Nutrition Lab		1		13
College of Education	Applied Psychology	1	1	24	25
	Micro Lab	1	-	27	-
College of Business	SPSS Lab	1	1	36	25
College of Communication & Media	MAC Lab	1	1	36	25
College of Dentistry	Computer Digital Lab	-	1	-	40
Library	Male side	1	1	29	29
	Female side	1	1	27	29
English Language Center	IELTS Exam	2	1	50	25
Pearson VUE Exam Center	VUE Exam Center	0	1	-	50
Total		32	20	1133	698

Recreational Facilities

Sports and Gymnasium

AAU provides all students, male and females, with on campus sports and recreational facilities. In the gym, there are professional trainers for the students for the various sports. The following facilities are available for students on-campus around the clock:

Facility	Area/Number	
	Al Ain	AbuDhabi
Multi-sports Hall	822 Sq m	-
Fitness Hall	127 Sq m	320 Sq m
Outdoor fields	-	1
Bodybuilding Hall	1	2
Aerobic Classrooms	1	1
Chest-building Hall	1	2
Treadmills	3	4
Bicycles	3	4
Tennis Table	2	1
Baby Foot Table	1	2

The Sports Hall enables the students to engage in sports of their choice including: tennis, volley ball, basketball, handball, and football while the gym is fully equipped with the necessary fitness equipment. In addition, great attention has been given to coordinating timings for male and female students to ensure the facilities are available to the largest number of students.

Lounges
The University provides students with lounges in each campus, for males and females. In these, students can take a break between classes, socialize, wait for the bus, and study. The lounges are air conditioned and comfortably furnished to provide students with an atmosphere that encourages their various social and academic activities.

Theatre/Events Hall
AAU's campus holds a small theatre that also doubles as a seminar room. The hall can be used for meetings with students, seminars, cultural events, plays, etc.

Student Association Room
In support of its belief in the importance of students' participation in student associations, AAU has designated a room for Student Associations. This is to be used by members of the student associations of all colleges for meetings, and as a gathering room to facilitate their involvement in student life. Student Council meeting are also held in this room.

Mosque
Al Ain University hosts two small mosques on each campus; one for the males; the other for the females. The aim of this service is to provide students with a quiet, suitable place to pray throughout the day.

Residence Halls
AAU provides students with appropriate dormitories that have all means of comfort and stability necessary to create a healthy atmosphere for studying. The tasks of the Dorms Unit include receiving new students, providing them with relevant advice and instructions, informing them of the dorms' rules and regulations, their responsibilities, assisting students in resolving the problems they face, and following up special cases that require health care.

1. There are two dormitories; one for the female students, the other for the male students.
2. The dormitories can hold up to fifty students.
3. There are single, double, and triple rooms as well as rooms for six students.
4. The fees are nominal.
5. All security and housekeeping services are provided 24/7.
6. The dormitories are supervised by specialized staff.

Dining Services

AAU provides two modern cafeterias for both male and female students. Meals, for example, all types of sandwiches, a hot-cooked meal for lunch or dinner, and cold and hot drinks are all provided at reasonable prices. The cafeterias provide service not only for commuting students, but also for those in the residences. There is a direct and ongoing inspection in the cafeteria for both staff and food by the local authority. Evaluation of this dining service is carried out every semester by students for appropriate improvements. The cafeterias are open Sundays through Thursdays from 07:00 - 20:00.

Health Services

Through the clinic, AAU provides their students with different services including first aid for emergencies and minor cases such as measuring blood pressure and temperature. They also provide first notice if any cases require hospital attention for follow up tests, and examination. The nurse at the clinic coordinates with relevant organizations to arrange for various awareness lectures and programs.

Furthermore, the University provides health insurance to students which means they can visit clinics and hospitals within the health insurance company's network and receive required medical attention and medicine if necessary.

Transportation

AAU provides transportation with the following features:

1- Covering all internal areas of Al Ain.

2- Class times are taken into consideration when scheduling the bus timetable;

Security

The role of AAU security is the 24-hour protection of AAU. The tasks of the security are the following:

1. At the end of every day, ensure electricity and air conditioners are all switched off and all doors are locked;
2. Monitor and ensure male and female students do not mix;
3. Organize traffic at the main gates of the university;

(14) Student Rights and Responsibilities

Student Rights and Responsibilities

- Every student is entitled to experience a university environment that will enable pursuing the learning process easily.
- Every student has the right to practice his /her individual rights in the academic life in accordance with the University's regulations and policies.
- Every student has the right to be knowledgeable of the University's regulations and policies; that clarify his/ her rights, duties and responsibilities. As well as having the right to access this information through the University's website, the Admission and Registration Unit and the Student Affairs Deanship.
- Every student must attend the classes and perform all academic requirements in accordance with the university's instructions and regulations.
- Every student must adhere to the scientific research ethics and scientific integrity in all academic tasks, assignments, reports and research submitted in the registered courses.
- Every student must follow the instructions and regulations stated in the "Disciplinary and Penalties Regulations" enforced by the University.
- It is solely the responsibility of every student to update his/her data, especially the telephone number, in the Admission and Registration Unit for communication purposes.
- Every student is obliged to use the university's official email to communicate with the university and to check regularly to receive important news and announcements from the university.
- Every student must regularly check the university's official website to stay updated with issues of interest, latest news, and important announcements.

Student Disciplinary Regulations

The articles of these regulations apply to all students enrolled at AAU.

Disciplinary Violations

The following actions are considered offences and any student who is found to have committed any such action is subject to the disciplinary punishment set forth in the regulations below:

I. Violation of AAU rules, regulations, decisions, or the incitement to violate any such rules;
II. Refraining intentionally from attending lectures and lessons which require attendance by regulations, or the incitement of others to be absent from a lecture;
III. An action which is taken the honour, dignity, and ethics, is contrary to good conduct or jeopardizes the reputation of the university or any of its staff. This applies to any act committed by a student outside the campus in activities involving AAU, or in which AAU takes part;
IV. Cheating in an exam, participating in cheating, the initiation of cheating, breaching exam regulations, and/or disrupting the quiet atmosphere of an exam;
V. Participation in the organization of any activity on campus without a prior permit from the relevant authorities at AAU, or the participation in any activity in violation of the regulations in force at AAU, or the incitement to perform such actions;
VI. The use of university buildings and facilities for purposes other than those intended for them;
VII. The distribution of leaflets, the issuance of bulletins, or the collection

of signatures or donations, prior to obtaining approval from the relevant authorities at AAU or the abuse of such approval;
VIII. Damaging any AAU moveable property or stealing it;
IX. Engaging in any act of violence, whether physical, or verbal abuse;
X. Causing disorder during lectures and seminars organized by the university;
XI. Impersonating others in any matter related to AAU affairs;
XII. Providing incorrect information in any forms or applications that are submitted by a student to AAU.
XIII. A student who takes an exam instead of the designated student is considered as cheating and as such cheating penalties are applied to both students. However, in the case where the person who enters the examination room is not an AAU student, he/she will be referred to the relevant security authorities.
XIV. Engage in any conduct not in line with the university environment.

(15) Complaints Process

Students' Complaints

Students Grievances Procedures

At the beginning of each Academic Year, The Deans' Council forms a Students' Grievances Committee in Al Ain Campus, and another one in Abu Dhabi Campus as follows:

- Dean of Student Affairs/ Chair
- Dean of the relevant college/ Member
- The College of Law (faculty member)/ Member
- The Registrar General/ Member

Grievance application process:

The student submits the grievance to the College Dean. After verifying that the grievance does not fall under any of the AAU applicable regulations, the Dean refers the grievance to the AAU President who, in turn, refers it to the Student Grievance Committee.

The Student Grievance Committee looks into the student's grievance taking all matters into consideration, and then submits a recommendation to the AAU President. The Committee may recommend referring the grievance to a relevant college/ unit to look into the grievance, and/or provide the Committee with any required documents and/or information. The grievance is then re-discussed to reach a recommendation.

The AAU President presents the recommendation to the Deans' Council where the recommendation will be approved, or discussed, if required.

All relevant parties are notified of the final decision.

The following is a list of examples of student grievance; however, it is, by no means, an exhaustive one. Student grievances may be related to any other financial, administrative, or service-related issues.

Failing to submit an 'Incomplete' application on time.

Receiving a 3rd warning for absences at a course due to medical or other issues.
Complaints against faculty members for not abiding by the syllabus.

Denial of Admission to, or Dismissal from a Program

If a decision is taken against a student to:

- ♦ deny admittance to a program;
- ♦ dismiss from a program.

The student has the right to appeal to the dean of the college who will designate the formal and informal process (es) by which a student may initiate a review of the disputed academic decision. The formal process must include the following elements:

I. A request for a formal review which must be applied in writing no later than the end of second week of the next regular semester of making the decision, or within 5 days of receipt of notification of the process;
II. Permission for extension of time is granted, if a written request is submitted by the student and accepted by his/her academic adviser;
III. The dean forms a committee to review the case;
IV. The conclusions of the academic decision review committee will constitute the final decision of the university on the matter;
V. Unless an extension has been authorized by the dean, disputes concerning academic decisions must be completed by the end of the next regular semester following the decision.

Appealing a Final Exam Grade

A student has the right to appeal a final exam result in any course under the following conditions:

I. The student must complete an appeal form and submit it to the Admission and Registration Department within five working days of the announcement of the final grades.
II. The Admission and Registration Department submits the appeal form to the specified college responsible for that course. The college will then respond within seven days of receiving the form.
III. The College Dean forms a committee of three faculty members to revise the final exam paper. The revision will be guided by an answer key which is prepared by the course instructor.
IV. If an error is found, the course instructor will correct it and submit the result to the Registrar General, and Admission and Registration Department after receiving the approval of the College Dean.
V. The decision of the college is final.

Faculty Members' Complaints

Faculty Grievance Procedures

Grievances by a faculty member against the university or its employees are governed by this procedure. A faculty member should first work informally with administrators (the University President, Deans, and Department Heads) to resolve the matter. Experience indicates that almost all cases can be resolved informally. The process should reflect mutual trust, respect, collegiality, and cooperation.

The grievances governed by this procedure may include the following:

I. unlawful discrimination on the basis of age, religion, race, or national origin;
II. salaries;
III. resource support;
IV. teaching assignments;
V. office assignments;
VI. leave of absence applications.

(16) Academic Integrity

Al Ain University upholds academic integrity and ethics as they constitute the foundation of the academic process. All members of AAU share the responsibility of abiding by the academic standards and safeguarding the AAU's reputation.

1- Student Disciplinary Regulations

The articles of these regulations apply to all students enrolled at AAU.

Disciplinary Violations

AAU has set a number of violations that are considered offences, and any student who is found to have committed any such action is subject to the disciplinary punishment set forth in the regulations below. (For details of the offences, please refer to Section 12).

Disciplinary Punishments

If a student commits any of the disciplinary violations set forth in these regulations, after questioning him/her, he/she shall be subject to one or more of the following disciplinary punishments according to the gravity and circumstances of the violation:

1. All levels of warning, first and second. If a student receives a third warning, he/she will be expelled from the University for one semester. Other penalties include:
2. Fines of at least two-thirds of the current price of any object(s) that the student may have destroyed;
3. Withholding for a limited period the university services provided by one or more of the AAU facilities where the violation took place;
4. Withdrawal for a limited period taking part in student activity/activities

during which the violation took place;
5. Dropping one or more courses in the semester during which the violation took place;
6. Cancelling the final exams of one or more courses in the semester during which the violation took place and giving the student zero in the cancelled course(s);
7. Temporary suspension from AAU for a period of one to four semesters. The summer session is not considered a semester for this purpose. In addition to this, courses that may be studied at another institution during the period of suspension will not be accepted as transferred credit by AAU;
8. Final expulsion from AAU;

Disciplinary Procedures

The Deans' Council forms the Students' Disciplinary Committee at the beginning of each academic year. Its duties are to look into the students' cases, should they be academic or disciplinary.

Procedures of Catching and Reporting Cheating Act to Students' Disciplinary Committee:

1. In case a student (male/female) is accused of cheating (Possession of a phone, an electronic device, a piece of paper, etc.), the faculty member must immediately ask the student to hand over the answer booklet (finish the test in electronic exam) and leave the exam hall. If the student refuses to leave or tries to cause any disturbance; the invigilator leaves the student till he/ she finishes and leaves the exam hall at his/her own time. In this case, the student's exam will be cancelled.
2. In the event that the invigilator hears a sound emerging from the student, the invigilator must be certain of the source of the sound. Then the other invigilator (if any) or any other faculty member must be called to make sure that the voice came from the student, in case of being suspicious of the existence of anything used by the student to cheat, the invigilator must ask the student to hand it over. If the student refuses, the invigilator must record this in the cheating report; which is considered a sufficient reason and an evidence for proving the student's cheating incident, accordingly, what is stated in point (1) applies regarding finishing the test and leaving the exam hall.
3. A student may not be touched or have their personal belongings confiscated.
4. The faculty member who discovers the incident is obliged to file a report using the designated form prepared for this purpose (Student Academic Integrity Violation Form (S 4 A)) and to submit it to his/her Dean / Deputy Dean (Abu Dhabi) within a period not exceeding (48) hours.
5. The faculty member must write a detailed report about the incident, clarifying and justifying whether or not the student left the exam hall or remained in it, with reasons. Any personal item used for cheating must be clearly described in the form, returned to the student, and the return must be documented in the report.

6. The Dean / Deputy Dean (Abu Dhabi) submits the cheating report to the Students' Disciplinary Committee chairperson according to the campus to which the student belongs within a period not exceeding (24) hours.
7. The Student Disciplinary Committee Chairperson notifies the Admission and Registration Unit, in order to block any access to the grades of the concerned students; until a decision is taken.
8. The Student Disciplinary Committee Chairman calls for a meeting to investigate the incident with the student, and what this entails in terms of listening to testimonies or reviewing papers and documents. All of this must be recorded in the investigation minutes and signed by the student. If the student refuses to sign, this must be documented.
9. Upon completion of the investigation of the cheating incident, the Student Disciplinary Committee considers all details of the incident, an appropriate decision is then taken according to the university's instructions. A report is then written stating the decision and signed by all members of the Committee.
10. The decision of the Student Disciplinary Committee shall be submitted as follows:
    a. The Chairperson of the Student Disciplinary Committee (Al Ain Campus) shall submit the committee's decision to the University President, accompanied by all documents and records on which the committee based its decision.
    b. The Chairperson of the Student Disciplinary Committee (Abu Dhabi Campus) shall submit the committee's decision to the Dean of Student Affairs, who in turn shall submit it to the University President, accompanied by all documents and records on which the committee based its decision.
11. The University President decides whether to approve or reject the decision of the Student Disciplinary Committee.
12. Via the Presidency Office, the President's decision is forwarded to the relevant university entities for appropriate actions to be taken.
13. The Student Affairs Deanship notifies the concerned student of the final decision and informs the student that they may submit an appeal request to the University President within 15 days from the date on which the concerned student is informed of the final decision.

Procedures of Catching and Reporting Student Misconduct to Students' Disciplinary Committee:

1. If a student (male or female) is charged or caught by a faculty member or an administration staff for committing a behavioral misconduct; the student's data is recorded to be quoted in the incident report. If the student rejects/refuses to hand in the required information; the university security is to be called and the student is taken to the Student Affairs Dean office.
2. The faculty member or the administration staff who seized the incident is obliged to file a report using the designated form prepared for this purpose (Form No. S 11) entitled "Behavioral Misconduct Report")

and to submit it to his/her line manager (Dean, Director…etc) within 48 hours of encountering the incident.

3. The manager submits the incident report to the Presidency Office within24 hours of receiving it.
4. The University President forwards the incident report to the Students Disciplinary Committee Chairman to take the necessary action.
5. The Student Disciplinary Committee notifies the Admission and Registration Unit, to block all grades of the concerned student until a decision is taken regarding the attributed incident
6. The Student Disciplinary Committee Chairman calls for a meeting to investigate the incident(s).
7. The Chair of the Student Disciplinary Committee summons the faculty member or the administration staff member who seized the incident to provide details of the incident attributed to the student, in case the information provided in the violation form is insufficient. The faculty/ staff member has the right to submit any information he wishes to include as well as to ask to the request to summon witnesses who attended the incident.
8. A report of the faculty/ staff member testimony is written and signed by him/her as well as by the witnesses (if any).
9. The Student Disciplinary Committee Chairman summons the concerned student to appear before the Committee to give his/ her testimony as to what is attributed against him/her. The student has the right to submit any desired information to the Committee; including calling witnesses to decline the filed offence.
10. A report of the student's testimony is written and signed by the student and by the witnesses (if any).
11. The Student Disciplinary Committee has the right to call for any person that is seen relevant to the investigation of the incident.
12. Upon completion of the investigation of the incident attributed to the concerned student; the Student Disciplinary Committee considers all details of the incident. The Committee then reaches a decision, taken by a majority vote. A report is then written stating the decision and signed by all members of the Committee.
13. The Student Disciplinary Committee applies the provisions of the Student Discipline Regulations relating to the definition of the behavioral violations and the penalties imposed thereon.
14. The decision of the Student Disciplinary Committee shall be submitted as follows:
    a. The Chairperson of the Student Disciplinary Committee (Al Ain Campus) shall submit the committee's decision to the University President, accompanied by all documents and records on which the committee based its decision.

b. The Chairperson of the Student Disciplinary Committee (Abu Dhabi Campus) shall submit the committee's decision to the Dean of Student Affairs, who in turn shall submit it to the University President, accompanied by all documents and records on which the committee based its decision.

15. The University President decides whether to approve or reject the decision of the Student Disciplinary Committee.
16. Via the Presidency Office, the President's decision is forwarded to the relevant entities for appropriate actions to be taken.
17. The Student Affairs Deanship notifies the concerned student with the final decision as well as the student's College Deanship, in order to record it in the student's file.

Expectations for Academic Integrity

Cheating in Academic Work

Cheating in academic work is represented by submitting academic work that is not the student's own including any act intending to give undeserved academic advantage; this includes, but is not limited to, **plagiarism, unauthorized collaboration, and multiple submissions**. It also refers to the student obtaining and/or giving information illegally through different means; this may include carrying a mobile phone or other unauthorized electronic devices inside the examination hall.

Cheating Penalties

If a student is found cheating or attempts to cheat in a quiz, midterm exam, final exam, research, term paper, project, and/or any other coursework, the following penalties are applicable:

The student will fail all courses in which he/she has enrolled for during the semester in which he/she was found cheating.

A disciplinary warning will be added to his/her file.

Procedure

The faculty member who finds a student cheating or attempting to cheat in any academic work should report the incident in full detail to the Dean of the College, who, in turn, will report the case to the Student Disciplinary Committee.

The Chair of the Committee will then call for a meeting to discuss the case of cheating and in turn make a suitable decision.

The student may appeal the decision within one week of the issuance of the decision. The appeal is to be submitted to the College Dean who, in turn, will refer it to the AAU President.

2- Faculty Academic Integrity

Academic Freedom is the right of members of the academic community to study, discuss, investigate, teach, conduct research, and publish as appropriate to their respective roles and responsibilities. It is the policy and responsibility of AAU to assure and protect these rights within the governing framework of the institution.However, faculty members have an obligation to acquaint their students with the various scholarly views related to their subjects, and they

are expected to be judicious in the use of controversial materials.

The statements hereunder define some areas of ethical conduct that govern faculty members' behaviour towards students, colleagues, the University, and the community. These statements do not address every situation; rather, they aim at providing the faculty member with an overview of a general perspective on the code of ethics governing Al Ain University.

Compliance with AAU's Rules and Regulations
All faculty members at AAU shall abide by the rules and regulations applicable at AAU. If the faculty member is uncertain about any issue, s/he may refer to the HR Manager, the Department Head, the College Dean, AAU Vice President, or AAU President.

Harassment or Discrimination
Al Ain University upholds the principle that all individuals have the right to be treated with respect and equality. Any harassment, discrimination, or prejudicial treatment towards students, other faculty members, or administrative staff on grounds of ethnicity, religion, national origin, gender, country of citizenship, age, or disability status undermines the AAU's essential ethics and shall not be tolerated.

Conflict of Interest
Faculty members are in obligation to avoid any situation where their personal interests conflict or could be interpreted as being in conflict, with those of AAU.

Intellectual Property
Al Ain University advocates the ownership of intellectual material as stipulated by copyright laws. Faculty members have the obligation to comply with AAU's Copyright Policy.

Confidentiality
Al Ain University prohibits any form of disclosure or dissemination of confidential information obtained during or after work with AAU. Faculty members shall treat as confidential any information or records conveyed to them on that basis.

(17) The Credit Hour System

The Academic Year

- The academic year consists of two 16-week compulsory semesters, and optional summer session.
- The Registrar announces the academic calendar of the following academic year during the second semester.
- All religious and national holidays in the United Arab Emirates are official holidays for the university.

The Credit Hour

A Credit Hour (CR.H.) is the unit for measuring the number and length of classroom meetings per week throughout an academic semester. At AAU, the number of credit hours given to a course is, normally, one credit hour assigned to one classroom hour (fifty minutes) per week for an entire semester with most lecture-based courses carrying a weight of three credit hours. Nevertheless, labs, courses with a practical nature, and other courses may be assigned less or more credit hours. Generally, the number of credit hours associated with a course reflects the number of classroom hours and the method of instruction of the course.

Academic Load

The following regulations specify issues relevant to a student's academic load:

- The maximum number of credit hours for which the students can register is 18 hours, while the minimum is 12 hours.
- In some special cases, a student may register for up to a maximum of 21 credit hours under the following conditions:
    I. If the student's CGPA or SGPA is 3.6 or above;
    II. If this load will enable the student to graduate at the end of the semester as specified.
- A student may register for less than 9 credit hours in the semester in which he/she plans to graduate.
- In special cases for Academic Load Upon the approval of the College Dean, and under the following conditions, a student may register for up to 19 credit hours:

- in the First Semester if he/she is expected to graduate by the end of the following Second Semester with no more than 21 credit hours;
    - in the Second Semester if he/she is expected to graduate by the end of the following Summer Session with no more than 9 credit hours;
    - in either the First or Second Semesters if all the remaining credit hours are practicum/ training/ internship courses.

- In the summer session:
    - The maximum study load for an undergraduate student is 6 credit hours.
    - The maximum study load for Diploma students is 6 credit hours.
    - The maximum study load for MBA students is 3 credit hours.

(18) Academic Terminology

i. General Admission Requirements

AAU student admission policy is based on the student's academic achievements in the secondary school certificate or its equivalent, regardless of his/her gender, ethnicity, religion, age, disability, or national origin. If, for any reason, documents presented by the applicant are deemed to be fraudulent, AAU reserves the right to expel the student without refund, or prior notice.

The following are the general admission requirements. Applicants are required to:

I. Possess a secondary school certificate or its equivalent with a grade average of no less than 60%;
II. Possess a Foundation Year certificate if his/her grade average in the general secondary examination is less than %60;

III. Satisfy any additional admission requirements of the college that he/she intends to apply to;
IV. Hold a valid English Language Proficiency score of at least 500 in TOEFL ITP, or Band 5 in IELTS. Applicants from the College of Communication and Media must hold a valid English Language Proficiency score of at least 450 in TOEFL ITP, or Band 4.5 in IELTS. On the other hand, applicants from the following specializations are exempt from this requirement: Law, Arabic and Islamic Studies Teacher Education, Applied Sociology, Applied Psychology and Special Education.

All documents submitted for admission purposes become the property of AAU and are not returned to the student.

ii. Compulsory Requirements

The group of courses included in the Study Plan which the student needs to successfully complete including the program's General University Requirements, College Requirements, and Major Requirements.

iii. Specialization Courses:

These specialization courses differ from one College to another. They have to be studied by all the participants in the program. The specialization courses allow more thorough study in the major field of specialization. Specialization courses are devised into two groups:

1. Compulsory Courses: Students must take and pass the entirety of the courses offered under this section to be awarded their degree. These, courses, also called ‹required courses›, are very specific in nature.
2. Elective Courses: Electives are courses that students can choose from, which, when added to the compulsory (required) courses, enable students to meet their degree requirements. Like Compulsory courses, elective courses are very specific in nature.

iv. Compulsory Supporting Courses:

The courses under this section are considered essential as they enhance the major. These are to be taken in other majors within the college and are to be closely related. Compulsory Supporting Courses differ from one college to another.

v. Internship/Capstone Project/Practicum:

In their final year, students have the opportunity to connect their theoretical learning with its practical application whether in companies or in schools. In assigned companies, students choose a topic to do research on. The results are usually gathered in a report and often are presented. The capstone project which is meant to be the final piece of an undergraduate degree, will usually require a great deal of research and effort, and is supervised by faculty members. The practicum enables student teachers to acquire actual teaching experience through classroom observation and practice teaching.

vi. Free Courses:

An allocated number of credit hours which the student chooses according to his/her study plan.

Credit hours for AAU programs are distributed as follows:
Undergraduate Programs

No.	College	Programs	General Requirement	College Requirement	Specialization Requirement	Supporting Requirement	Practicum Internship Capstone Project Thesis"	University Free Elective	Total Credit Hours
1	Engineering	Computer Engineering	30	24	66	13	7	0	140
2		Networks and Communication Engineering	30	24	69	10	7	0	140
3		Computer Science	30	24	48	15	6	0	123
4		Software Engineering	30	24	48	16	6	0	124
5		Civil Engineering	33	21	75	4	7	0	140
6		Cybersecurity	33	21	48	15	6	0	123
7		Artificial Intelligence and Robotics	30	21	54	12	6	0	123
8	Pharmacy	Pharmacy	24	15	89	6	26	0	160
9		Nutrition and Dietetics	33	19	64	0	16	0	132
10	Law	Law	33	0	88	0	9	0	130
11	Education, Humanities and Social Sciences	English Language & Translation	33	15	48	21	3	0	120
12		Arabic Language and Literature	33	15	75	0	3	0	126
13		Islamic Studies	33	15	75	0	3	0	126
14		Special Education	33	15	69	0	9	0	126
15		Applied Psychology	33	15	69	0	9	0	126
16		Applied Sociology	33	15	66	0	9	3	126
17	Business	Business Administration (BBA) • BBA in Management • BBA in Accounting • BBA in Finance and Banking • BBA in Marketing • BBA in Human Resource Management • BBA in Management Information Systems • BBA in Business Analytics	33	57	21	9	3	0	123

19	Communication and Media	Mass Communication and Media (MC&M) • MC&M - Digital Journalism • MC&M - Advertising • MC&M - Public Relation	33	48	36	0	6	0	123
20	Nursing	Nursing	6	0	95	0	0	19	120
21	Dentistry	Dental Surgery	12	0	65	0	128	0	205

Graduate Programs

No.	College	Programs	Program Requirements		Practicum Internship Capstone Project Thesis"	Total Credit Hours
			Compul-sory	Elec-tive		
1	Engineering	Master of Science in Software Systems Engineering	18	6	6	30
2		Master of Science in Artificial Intelligence	18	6	6	30
3	Pharmacy	Master of Science in Clinical Pharmacy	24	0	12	36
4		Master of Science in Pharmatical Sciences	21	6	9	36
5	Law	Master of Private Law	18	6	9	33
6		Master of Public Law	18	6	9	33
7		Master of Criminal Science	18	6	9	33
8		Doctor of Philosophy in Law	30	6	18	54
9	Education, Humanities and Social Sciences	Postgraduate Professional Diploma in Teaching	15	3	6	24
10		Postgraduate Professional Diploma in Early Childhood Education	15	3	6	24
11		Master of Education in Arabic Language Curricula and Instruction	18	6	9	33
12		Master of Education in Islamic Education Curricula and Instruction	18	6	9	33
13		Master of Arts in Applied Sociology	18	6	9	30
14		Master in Gifted and Talented Education	27	6	6	33
15		Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods	30	6	18	54
16	Business	Master of Business Administration-General	24	9	0	33
17		Master of Science in Business Data Analytics	21	6	6	33
18		Doctor of Business Administration (DBA)	30	3	21	54
19	Communi-cation and Media	Master of Arts in Digital Media and Public Relations	18	9	6	33

(19) Academic Regulations

Course Grading System

AAU uses a letter system in recording the students' final results in a course. Each letter is converted to a number of points that are used in calculating the SGPA and CGPA.

Bachelor and Professional Diploma in Teaching Degrees

Percentage Grade	Letter Symbol	GPA Points
90 -100	A	4.0
85 - 89	B+	3.5
80 - 84	B	3.0
75 -79	C+	2.5
70 - 74	C	2.0
65 - 69	D+	1.5
60 - 64	D	1.0
Less than 60	F	0
-	FA	Fail due to absence
-	P	'Pass'
-	I	'Incomplete'
-	T	'Transfer'
-	CA	'Cancelled'
-	W	'Withdraw'

Doctoral and Master Degree

Percentage Grade	Letter Symbol	GPA Points
90 -100	A	4.0
85 - 89	B+	3.5
80 - 84	B	3.0
75 -79	C+	2.5
70 - 74	C	2.0
Less than 70	F	0
-	FA	Fail due to absence
-	P	'Pass'
-	I	'Incomplete'
-	T	'Transfer'
-	CA	'Cancelled'
-	W	'Withdraw'

Calculation of Grade Point Averages

The SGPA is calculated by multiplying the grade of each course by the number of the course's credit hours, and then dividing the total by the number of total credit hours taken by the student in the semester.

The CGPA is calculated by multiplying the grade of each course by the number of the course's credit hours, and then dividing the total of all courses by the number of total credit hours taken for all previous semesters.

GPA Rating

The SGPA and CGPA are categorized according to the following ratings:

Bachelor and Professional Diploma in Teaching Degrees

Grade Point Average	Rating
3.6 - 4.00	Excellent
3.0 - 3.59	Very Good
2.5 - 2.99	Good
2.0 - 2.49	Satisfactory
Less than 2.0	Unsatisfactory

Doctoral and Master Degree

Grade Point Average	Rating
3.70 - 4.00	Excellent
3.30 - 3.69	Very Good
3.00 – 3.29	Good
Less than 3.00	Satisfactory

Appealing a Final Exam Grade

A student has the right to appeal a final exam result in any course under the following conditions:

I. The student must complete an appeal form and submit it to the Admission and Registration Unit within five working days of the announcement of the final grades.
II. The Admission and Registration Unit submits the appeal form to the specified college responsible for that course. The college will then respond within seven days of receiving the form.
III. The College Dean forms a committee of three faculty members to revise the final exam paper. The revision will be guided by an answer key which is prepared by the course instructor.
IV. If an error is found, the course instructor will correct it and submit the result to the Registrar General and Admission and Registration Unit after receiving the approval of the College Dean.

The decision of the college is final.

Appealing for "Incomplete request"

Bachelor and Diploma programs must compile at least 20% and Master Program 30% in the coursework and midterm exam or equivalent.

Re-sit Exams

- If an undergraduate student fails one course in the semester in which he/she is supposed to graduate, the student is allowed to re-sit that final exam after obtaining the approval of the College Dean and paying the required fees. The student's name can be added to the list of graduating students for that semester if he/she has fulfilled all of the graduation requirements
- If the student fails the final exam, he/she must retake the course in the following semester.

Academic Warning and Academic Probation

Undergraduate program

1. Students receive a **FIRST** academic warning if their CGPA drops below 2.0 by the end of any semester except for the first semester at AAU. Having received the first warning, students are not allowed to register for more than **12 credit hours** in the following semester, including any courses they need to retake.
2. Students failing to raise their CGPA to at least 2.0 in the following semester, will be given a **SECOND** warning and will not be allowed to register for more than **9 credit hours**, including any courses they need to retake.
3. Students failing to raise their CGPA to at least 2.0 in the following semester, will be given a **THIRD** warning and will not be allowed to register for more than **9 credit hours**, including any courses they need to retake.
4. Unable to raise their CGPA to at least 2.0, the students become liable to one of the following actions:
   I. Transfer the student to another major within the same college;
   II. Transfer the student to another college.
5. Students are given two semesters to raise their CGPA after changing the major or college. Should they fail to do so, they will be dismissed from the university.
6. In case of successfully completing at least 70% of the credit hours required for graduation according to the approved study plan for the program, then students will not be dismissed from the university, but will be permitted to continue in the same major until they reach the maximum study duration as stipulated in the AAU regulations.
7. The summer semesters are not considered for an academic warning period.

Postgraduate program

1. Students receive a **FIRST** academic warning if their CGPA drops below 3.0 by the end of any semester except for the first semester at AAU. Having received the first warning, students are not allowed to register for more than **9 credit hours** in the following semester, including any courses they need to retake.
2. Students failing to raise their CGPA to at least 3.0 in the following semester, will be given a **SECOND** warning and will not be allowed to register for more than **6 credit hours**, including any courses they need to retake.
3. Students failing to raise their CGPA to at least 3.0 after the second warning, will be dismissed from the University.
4. The summer semester does not count for an academic warning period.

Postgraduate Diploma in Education Program

1. Students receive a first academic warning if their CGPA drops below 2.0 by the end of any semester except for the first semester at AAU.
2. The summer semesters are not considered for an academic warning period.

(20) Course Code Descriptions

At AAU, each course is given a course code (as unique identifier number) composed of 7 digits, where the first two digits refer to the college, followed by 2 other digits referring to the program, then 3 digits which indicate the Year, Domain/Area, and the Level.

A. Undergraduate Programs

College	Program	CH.H	Program Code
Engineering (01)	Computer Engineering	**140**	0104
	Networks and Communication Engineering	**140**	0105+0106
	Computer Science	**123**	0102
	Software Engineering	**124**	0103
	Civil Engineering	**140**	0111
	Cybersecurity	**123**	0112
	Artificial Intelligence and Robotics	**123**	01146
Pharmacy (02)	Pharmacy	**160**	0200\1\2\3\4
	Nutrition and Dietetics	**131**	0701
Law (03)	Law	**130**	0301\2\3
Education, Humanities and Social Sciences (04)	Arabic Language and Literature	**126**	0405
	Islamic Studies	**126**	0406
	Special Education	**126**	0403
	Applied Psychology	**126**	0408
	Applied Sociology	**126**	0409
	English Language and Translation	**120**	0401
Business (05)	Business Administration in management	**123**	0501
	Business Administration in accounting	**123**	0502
	Business Administration in banking and finance	**123**	0503
	Business Administration in marketing	**123**	0504
	Business Administration in human resources management	**123**	0505
	Business Administration in Management Information Systems	**123**	0506

Communication and Media (06)	Digital Media	**123**	0601
	Advertising and Digital Marketing	**123**	0602
	Public Relations	**123**	0603
	Communication and Crisis	**123**	0604
Dentistry	Dental Surgery	**205**	0800
Nursing	Science in Nursing	**120**	0901

B. Graduate Programs

College	Programs	CH.H	Program Code
Engineering (01)	Master of Science in Software Systems Engineering	30	01146
	Master of Science in Artificial Intelligence	30	01026
Pharmacy (02)	Master of Science in Clinical Pharmacy	36	02026
	Master of Science in Pharmaceutical Sciences	36	02056
Law (03)	Master of Private Law	33	03016
	Master of Public Law	33	03026
	Master of Criminal Science	33	03026
	Doctor of Philosophy in Law	54	03007
Education, Humanities and Social Sciences (04)	Postgraduate Professional Diploma in Teaching	24	04015
	Postgraduate Professional Diploma in Early Childhood Education	24	04025
	Master of Education in Arabic Language Curricula and Instruction	33	04056
	Master of Education in Islamic Education Curricula and Instruction	33	04066
	Master in Gifted and Talented Education	33	04036
	Master of Arts in Applied Sociology	33	04096
	Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods	54	04007

Business (05)	Master of Business Administration (MBA) - General	33	05017
	Master of Science in Business Data Analytics	33	05076
	Doctor of Business Administration (DBA)	54	05017
Communication and Media (06)	Master of Arts in Digital Media and Public Relations	33	06016

(21) GENERAL UNIVERSITY EDUCATION

GENERAL UNIVERSITY EDUCATION

Overview

General University Education (GUE) courses are a set of 33 credit hours courses that must be studied by all undergraduate candidates at AAU regardless of their major. These courses cover topics from wide diverse fields to emphasize the interdisciplinary nature of knowledge and to reinforce the spirit of inquiry. These courses aim to equip the candidates with a comprehensive range of essential knowledge, fundamental personal and professional skills and essential attitudes; enabling them to purse smoothly in their university studies, and perform highly in their careers. This set of courses are divided into two main categories: First, the compulsory courses which include 9 courses (27 CR.H.). Second, the elective courses cluster which include (6 CR.H). and is divided into two sub sets: society and civilization set and managerial skills set. AAU candidates are requested to choose one course (3 CR.H.) from each elective sub set.

Learning Outcomes

S.No.	GUE Learning Outcomes	Aligned with L7 QFE Descriptors*
A	Identify the general features and concepts of the Arab and Islamic culture and abide by its values	QFE 11
B	Use tongue and foreign language in speaking, reading, and writing clearly and efficiently.	QFE 3, 8
C	Employ scientific research methods and information technology efficiently into in his/her own field of specialization.	QFE 2, 4, 5, 7, 10
D	Promote innovation through gaining insight into how fundamental scientific concepts are ethically used in life.	QFE 1, 5, 6, 9, 10, 11
E	Apply personal attributes needed to succeed in personal and professional life.	QFE 2, 9

** Consistent with National Qualifications Framework Emirates (QFE)*

General University Education Courses

Course No.	Course Title	CR.H.	Prereq.
General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	**3**	
0201111	Science and Life	**3**	
0401120	English I	**3**	
0401121	English 2	**3**	**0401120**
0405100	Arabic Language	**3**	
0406110	Islamic Culture	**3**	
0409103	UAE Studies	**3**	
0501170	Fund.of Innovation and Entrepreneurship	**3**	
0508203	Scientific Research Methodology	**3**	
(2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs & Muslims' Contributions to Arts & Sciences	**3**	
0408100	Introduction to Psychology	**3**	
0408101	Phyical Education & Health	**3**	
0409100	Ethical Awareness	**3**	
0409110	Environmental Awareness	**3**	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	**3**	
0407111	Thinking Skills	**3**	
0407251	Self Assessment	**3**	
0501100	Introduction to Time Management	**3**	
0501150	Leadership and Teamwork	**3**	

General University Education

Brief Course Description

Course Title & No.	Brief Course Description
Computer Skills 0102120	This course introduces the students to the use of computers in everyday life. The students will learn to organize electronic filing systems, communicate ideas effectively using a variety of software tools, and develop further as autonomous users of IT. The course discusses some of the ethical and moral issues raised by the use of Internet and email. Towards the end of the course, the students work in groups to select a subject, search for the information, organize and analyze it integrating the software they learned and present it publicly.
Science and Life 0201111	This course addresses the relationships between science and human beings. It describes major health and environmental issues and their relevance to social customs and traditions in the Arab society in general and in the Emirate society in particular. The course not only increases student awareness of protection methods through the introduction of the most recent scientific and technical developments but also focuses on the ethical aspects in dealing with them.
Law and Society 0303100	This course deals with the study of law and its relationship with the Emirati society in terms of describing the concept of law, its characteristics and types. It also tackles briefly some of the legal systems in the UAE such as: the judicial, governing, the commercial, the criminal, taxation as well as the Emirati family system.
English 1 0401120	This course provides the basic skills needed to function within an English medium university context. It brushes up and enhances students' fundamental knowledge of the English language in the areas of grammar, reading, writing, and speaking skills to the level that they become competent enough to launch out in a more in-depth study of English as a second language in Effective Communication in English2.
English 2 0401121	This course puts emphasis on the ability to master the skills and tools of using the English language to communicate effectively orally and in writing. The content of the course provides a variety of materials and practices that hone the linguistic and interpersonal skills necessary to construct informative and persuasive conversations in English.
Arabic Language 0405100	This course aims at developing the basic language skills that enable the student to speak, read, and write effectively in Arabic. It focuses on helping the student to acquire the information in his/her field and transfers it communicatively to others.
Islamic Culture 0406110	This course emphasizes the Islamic values in criticism and to be open on the international community and think critically and creatively. It gives importance to the role of reason in understanding Islam from its original sources and using this knowledge to handle the new problems, challenges, and changes of the modern time. It tackles the main axes of Islam. In addition, it addresses the issues of woman, human rights, civilization and dialogue.
Thinking Skills 0408103	This course is an introduction to the main thinking skills and strategies. A brief definition of thinking and intelligence will be considered. Students will study and exercise critical and creative thinking skills. They will also apply different problem solving and decision taking strategies.
Ethical Awareness 0409100	This course introduces the main concepts of ethics and ethical standards including professional, personal, institutional, and social values. Skills such as problem solving and making decisions will be exercised. Values such as accepting the other, privacy and responsibility will be emphasized. The course also encourages students to reflect on contemporary ethical dilemmas.
Self-Assessment 0408104	This course is an exploration of concepts, theories and techniques related to the self. Students will be allowed to express strengths and weaknesses in order to develop a realistic sense of the self. Determinism vs. freewill will be explored as well as the concepts of motivation and self-efficacy.

UAE Studies 0409103	This course aims to provide a comprehensive view of the United Arab Emirates in terms of the emergence of the country, the stages of establishment and the structure of society, and the accompanying changes and developments in the political, economic and social structure of the UAE. The course also presents the UAE's future vision and its most prominent achievements. The course examines some of the challenges and problems that may face the UAE society and how to address and prevent them.
Arabs & Muslims' Contribution to Arts and Sciences 0406100	This course is designed to introduce students to the contributions of Muslims and Arabs to arts and sciences. It addresses Muslim and Arab civilization, its roots, characteristics, and factors of its flourishing and the ways it reached the West. It also deals with its role in promoting universal progress in theoretic and applied sciences. Additionally, it focuses on creativity in architecture, and thinking skills of today's Muslim and Arab intellectuals.
Environmental Awareness 0409102	The course consists of four major focus areas: biodiversity, population, re-courses, and pollution. Within each major focus area, the course explores how change is occurring at the local, regional, and global scales. It focuses on ana-lyzing different approaches to decision- making about environmental issues and examines the impact of the rapid rate of population growth, increased energy consumption, and contemporary technology in causing environmental problems.
Introduction to Psychology 0408100	This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.
Physical Education and Health 0408101	This course aims at clarifying the role and importance of physical fitness and health as a prevention and treatment to most health problems of modern life; such as diseases related to age and lack of movement, malnutrition, and stress facing individuals in their daily life. Students also learn the importance of sports activities and movement in modern life in terms of their impact on different body systems and organs. In addition, the course presents means of avoiding bad daily habits as well as dealing with deformities and lack of movement related diseases such as: heart disease, atherosclerosis, obesity, and spine problems. The course also covers relevant information on fitness, weight control as well as essential first aid knowledge.
Introduction to Time Management 0501100	This course combines values, relaxation, time management and mental re-hearsal to develop personal productivity and a balance in life. It allows the individual to develop physically, emotionally and mentally which leads to bet-ter relationships, more effective work practices and clarity of purpose.
Leadership &Teamwork 0501150	This course is designed to help students to learn how to initiate, develop, im-plement and maintain high performance work teams. It introduces leadership strategies necessary for group communication, team building, and coaching skills to achieve organizational objectives.
Fund. Of Innovation and Entrepreneurship 0501170	This course approach to learning innovation and entrepreneurship that can be applied to any high-growth enterprise or other organization in the UAE. The class is composed of three modules: Module 1: Design Thinking, Module 2: Entrepreneurship, Module 3: Growth and Leadership. This is a rigorous innovation and entrepreneurship courses for a 16 weeks. The course is appropriate for undergraduate students at a third year level or advanced second year level. Each session could include a mix of the following components: lecture, discussion, an interactive activity in class, and open Q&A if an appropriate expert or guest speaker is available.
Scientific Research Methodology 0508203	This course is designed to introduce the students to the concepts and values of scientific research. Students will employ research and formal documenta- tion to produce a paper written appropriately to meet the objectives of the course. The course also emphasizes editing for clarity. The instruction will include critical analysis of primary and secondary sources through a series of reading and writing assignments.

(22) COLLEGES

- College of Engineering
- College of Pharmacy
- College of Law
- College of Education, Humanities and Social Sciences
- College of Business
- College of Communication and Media
- College of Dentistry
- College of Nursing

COLLEGE OF ENGINEERING

About the College

The College of Engineering (CoE) offers Bachelor of Science degrees in seven programs: Computer Engineering, Networks & Communication Engineering, Software Engineering, Computer Science, Cybersecurity, Artificial Intelligence and Robotics, and Civil Engineering. These seven programs prepare graduates for careers in industrial, governmental, and academic sectors. In addition CoE offers Master degrees in two programs: Artificial Intelligence, and Software Systems Engineering.

The CoE focuses on providing its graduates with training and skills critical to succeed in a real-world environment characterized by high competitiveness, increased complexity, and limited opportunities. Our faculty is a diverse community of talented multilingual and multicultural individuals committed to excellence in education, research, and community engagement. We invite you to visit the college to meet our faculty and learn more about us.

Dean's Message

I am delighted to welcome you to the College of Engineering (CoE). The College offers 9 degree programs (7 undergraduates' programs and 2 master programs), which provide solid knowledge in Engineering as well as Information Technology. The Commission for Academic Accreditation (CAA) of the Ministry of Education - UAE, accredits all our programs (Three programs are accredited by the Accreditation Board for Engineering and Technology (ABET). Sought worldwide, ABET's voluntary peer- review process is highly respected because it adds critical value to academic programs in the technical disciplines, where quality, precision, and safety are of the utmost importance. Our College considers this international accreditation as a step in its journey to improve the quality of its services to the highest possible standards available.

The graduates of our College will have the ability to work in different major sectors such as computer, communications, Networks, Electronics, Software, Information Technology, Cybersecurity and different Civil Engineering disciplines. Our College possesses a team of experienced and well-qualified faculty members, who are totally committed to providing excellent quality of educational experience to our students.

In our College, we will do our best to ensure that your time at AAU is a success and that your future as a creative professional engineer becomes a reality.

Vision

The College of Engineering aspires to be a leading Engineering College by excelling in education, research and community service.

Mission

The College of Engineering's mission is to produce quality graduates and innovative research through a diverse community of instructors and students.

College Council

No.	Name	Title
1	Qutaibah Al Thebyan	Dean
2	Faten Kharbat	Deputy Dean
3	Mawahib Sulieman	AA-Program Director
4	Thabet Mismar	AD-Program Director
5	Saqib Iqbal	AA- Program Director
6	Yazeed Ghadi	AD- Program Director
7	Abdulla Sharo	AA & AD – Program Director
8	Zina Houhamdi	AA- Program Director
9	Muath Al-Shaikh	AD- Program Director
10	Muath Alhassan	NCE & CE Member
11	Noor Aldeen Alawad	AI & Robotics Member
12	Tarek Oshan	SE & CS Member
13	Mousa Bani Baker	Civil Member
14	Bayan Abu Shawar	Cyber Member

Academic Programs
A- Bachelor of Science in Computer Engineering

ACCREDITED BY ABET

About the Program
The Bachelor of Science in Computer Engineering provides graduates with quality education, training and skills enabling them to become successful professionals.

Vision
The Computer Engineering program aspires to be a leading program by excelling in education, research and community service.

Mission
The Computer Engineering program's mission is to produce quality graduates and innovative research through a diverse community of Instructors and students.

Objectives
The Program Educational Objectives (PEOs) of the “Bachelor of Science in Computer Engineering” describe what graduates are expected to attain within a few years after graduation:

a) Demonstrate incremental professional competencies in Computer Engineering and related fields.
b) Demonstrate an ability to function independently and/or in multidisciplinary teams with relevant communication skills and ethical conduct necessary for professional access.
c) Contribute to the progress of local and regional societies.

Outcomes

The Program Learning Outcomes / Student Outcomes (PLOs) of the "Bachelor of Science in Computer Engineering" describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program:

S.No.	Program Learning Outcomes	Aligned with L 6 QFE Descriptors
1	an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	Knowledge, Skills
2	an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	Knowledge, Skills
3	an ability to communicate effectively with a range of audiences.	Skills, Responsibility
4	an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	Skills, Responsibility
5	an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	Skills, Responsibility
6	an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	Knowledge, Skills
7	an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	Knowledge, Skills

Study Plan for Academic Year 2025/2026 (140) CR.H./ Computer Engineering Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education of Program (30) CR.H.			
(1) Compulsory Courses (24) CR.H.			
0102120	Computer Skills	3	
0401120	English (1)	3	
0401121	English (2)	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fundamentals to Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization on (3) CR.H.			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
0509210	Principles of Microeconomics	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
0502200	Principles of Financial Accounting	3	
Second: Compulsory College Requirements (24) CR.H.			
0102220	Introduction to Programming	3	0102120
0107101	Calculus I	3	
0107102	Linear Algebra	3	0107101
0107103	Probability Theory and Statistics	3	0107101
0107200	Discrete Mathematics	3	
0107201	Introduction to Numerical Methods	3	0107102 & 0107104
0108103	Physics I	3	
0201100	Chemistry	3	
Third: Specialization Courses (66) CR.H.			
(1) Compulsory Courses (60) CR.H.			
0102221	Object-Oriented Programming	3	0102220
0102240	Computer Organization	3	0104240
0102770	Data Structures and Algorithms	3	0102221
0104230	Circuit Analysis I	3	0108203
0104231	Circuit Analysis Lab	1	0104230
0104240	Digital Logic Design	3	0107200
0104241	Digital Logic Design Lab	1	0104240
0104331	Electronic Circuits	3	0104230
0104332	Electronics Lab	1	0104331
0104333	Digital Electronics	3	0104331 & 0104240
0104340	Computer Architecture	3	0102240
0104350	Microprocessor and Assembly Language	3	0102240
0104351	Microprocessor and Assembly Language Lab	1	0104350
0104440	Digital Systems Design	3	0102240
0104450	Embedded Systems	3	0104350
0105400	Computer Network Protocols	3	0106320 & 0107103
0105401	Networks Lab	1	0105400
0106320	Data and Computer Communications	3	0104240
0106330	Signals and Systems Analysis	3	0107202
0107104	Calculus II	3	0407101
0107202	Engineering Math	3	0107104
0108203	Physics II	3	0108103
0108204	Physics II Lab	1	0108203
0112304	Cryptography and Computer Network Security	3	0105400
(2) Elective Courses (6) CR.H.			
0102330	Database Systems	3	0102221
0104430	VLSI Systems Design	3	0104333
0104441	Advanced Computer Architecture	3	0104340
0105420	Network Programming	3	0102221 & 0105400
0105423	Internet of Things	3	0105400 & 0102221
0106430	Digital Signal Processing	3	0106330
Fourth: Compulsory Supporting Courses (13) CR.H.			
0102340	Operating Systems	3	0102240
0103220	Foundations of Software Engineering	3	0102120
0104200	Communication and Professional Ethics	3	0401121
0108104	Physics I Lab	1	0108103
0114208	Introduction to Artificial Intelligence	3	0107200 & 0102221
Fifth: Internship (3) CR.H.			
0104580	CE Internship	3	>= 75 CH + Program approval
Sixth: Capstone Project (4) CR.H.			
0104592	Capstone Project I	2	>= 100 CH + Program Approval
0104593	Capstone Project II	2	0104592

Guidance Plan / Computer Engineering Program

	1st Year		2nd Year		3rd Year		4th Year		5th Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Computer Skills 0102120	Introduction to Programming 0102220	Object Oriented Programming 0102221	Communication and Professional Ethics 0104200	Data and Computer Communication 0106320	Data Structure and Algorithm 0102270	Computer Network Protocols 0105400	Internship 0104580	CE Capstone Project I 0104592	CE Capstone Project II 0104593
	Calculus I 0107101	Calculus II 0107104	Engineering Math 0107202	Introduction to Numerical Methods 0107201	Signals and Systems Analysis 0106330	Microprocessor & Assembly Language 0104350	Computer Architecture 0104340	Cryptography and Computer Network Security 0112304	Major Elective (1)	Major Elective (2)
	Chemistry 0201100	Discrete Mathematics 0107200	Digital Logic Design 0104240	Probability Theory and Statistics 0107103	Electronic Circuits 0104331	Digital Electronics 0104333	Introduction to Artificial Intelligence 0114208	Embedded Systems 0104450	Group (A)	Group (B)
	Physics I 0108103	Physics II 0108203	Linear Algebra 0107102	Circuit Analysis I 0104230	Computer Organization 0102240	Foundations of Software Engineering 0103220	Digital Systems Design 0104440		Operating Systems 0102420	
	Physics I Lab 0108104	Physics II Lab 0108204	Digital Logic Design Lab 0104241	Circuit Analysis Lab 0104231	Electronics Lab 0104332	Microprocessor & Assembly Language Lab 0104351	Network Lab 0105401			
	English 1 0401120	English 2 0401121	Arabic Language 0405100	Islamic Culture 0406110	UAE Studies 0409103	Fundamentals to Innovation and Entrepreneurship 0501170	Scientific Research Methodology 0508203			
Total	16	16	16	16	16	16	16	9	11	8
Total	32		32		32		25		19	
Total	140									

B- Bachelor of Science in Networks & Communication Engineering

ACCREDITED BY ABET

About the Program

The Bachelor of Science in Networks and Communication Engineering provides graduates with quality education, training and skills enabling them to become successful professionals.

Vision

The Networks and Communication Engineering program aspires to be a leading program by excelling in education, research and community service.

Mission

The Networks and Communication Engineering program's mission is to produce quality graduates and innovative research through a diverse community of Instructors and students.

Objectives

The Program Educational Objectives (PEOs) of the “Bachelor of Science in Networks & Communication Engineering” describe what graduates are expected to attain within a few years after graduation:

a) Demonstrate incremental professional competencies in Networks and Communication Engineering and related fields.
b) Demonstrate an ability to function independently and/or in multidisciplinary teams with relevant communication skills and ethical conduct necessary for professional access.
c) Contribute to the progress of local and regional societies.

Outcomes

The Program Learning Outcomes / Student Outcomes (PLOs) of the “Bachelor of Science in Networks & Communication Engineering” describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program:

S.No.	Program Learning Outcomes	Aligned with L 6 QFE Descriptors
1	an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	Knowledge, Skills
2	an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	Knowledge, Skills
3	an ability to communicate effectively with a range of audiences.	Skills, Responsibility
4	an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	Skills, Responsibility
5	an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	Skills, Responsibility
6	an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	Knowledge, Skills
7	an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	Knowledge, Skills

Study Plan for Academic Year 2025/2026 (140) CR.H./ Networks and Communication Engineering Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education of Program (30) CR.H.			
(1) Compulsory Courses (24) CR.H.			
0102120	Computer Skills	3	
0401120	English (1)	3	
0401121	English (2)	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fundamentals to Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization on (3) CR.H.			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
0509210	Principles of Microeconomics	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
0502200	Principles of Financial Accounting	3	
Second: Compulsory College Requirements (24) CR.H.			
0102220	Introduction to Programming	3	0102120
0107101	Calculus I	3	
0107102	Linear Algebra	3	0107101
0107103	Probability Theory and Statistics	3	0107101
0107200	Discrete Mathematics	3	
0107201	Introduction to Numerical Methods	3	0107102 & 0107104
0108103	Physics I	3	
0201100	Chemistry	3	
Third: Specialization Courses (69) CR.H.			
(1) Compulsory Courses (63) CR.H.			
0102221	Object-Oriented Programming	3	0102220
0102240	Computer Organization	3	0104240
0102270	Data Structures and Algorithms	3	0102221
0104230	Circuit Analysis I	3	0108203
0104231	Circuit Analysis Lab	1	0104230
0104240	Digital Logic Design	3	0107200
0104241	Digital Logic Design Lab	1	0104240
0104330	Circuit Analysis II	3	0104230
0104331	Electronic Circuits	3	0104230
0104332	Electronics Lab	1	0104331
0105400	Computer Network Protocols	3	0106320 & 0107103
0105401	Networks Lab	1	0105400
0105411	Computer Network Management	3	0105400 & 0105401
0106320	Data & Computer Communications	3	0104240
0106330	Signals and Systems Analysis	3	0107202
0106331	Probability and Random Processes	3	0106330 & 0107103
0106340	Introduction to Communication Systems	3	0106330
0106341	Communications Lab	1	0106440
0106440	Digital Communication	3	0106331 & 0106340
0106441	Wireless Communication Fundamentals	3	0106440
0107104	Calculus II	3	0107101
0107202	Engineering Math	3	0107104
0108203	Physics II	3	0108103
0108204	Physics II Lab	1	0108203
0112304	Cryptography and Computer Network Security	3	0105400
(2) Elective Courses (6) CR.H.			
0104350	Microprocessor and Assembly Language	3	0102240
0105420	Network Programming	3	0102221 & 0105400
0105422	Emerging Wireless Networking	3	0106340 & 0105400
0106430	Digital Signal Processing	3	0106330
0106442	Communication Circuits	3	0104331 & 0106340
0106450	Antennas	3	0106350
Fourth: Compulsory Supporting Courses (10) CR.H.			
0105423	Internet of Things	3	0105400 & 0102221
0106350	Electromagnetic Theory	3	0107104 & 0104330
0108104	Physics I Lab	1	0108103
0114208	Introduction to Artificial Intelligence	3	0107200 & 0102221
Fifth: Internship (3) CR.H.			
0106580	NCE Internship	3	>= 75 CH + Program approval
Sixth: Capstone Project (4) CR.H.			
0106590	Capstone Project I	2	>= 100 CH + Program. Approval
0106591	Capstone Project II	2	0106590

Guidance Plan / Networks and Communication Engineering Program

	1st Year		2nd Year		3rd Year		4th Year		5th Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Computer Skills 0102120	Introduction to Programming 0102220	Object Oriented Programming 0102221	Computer Organization 0102240	Data and Computer Communication 0106320	Data Structure and Algorithm 0102270	Computer Network Protocols 0105400	Internship 0106580	Capstone Project I 0106590	Capstone Project II 0106591
	Calculus I 0107101	Calculus II 0107104	Engineering Math 0107202	Introduction to Numerical Methods 0107201	Signals and Systems Analysis 0106330	Introduction to Communication System 0106340	Digital Communication 0106440	Wireless Communication Fundamentals 0106441	Major Elective (1)	Major Elective (2)
	Chemistry 0201100	Discrete Mathematics 0107200	Digital Logic Design 0104240	Probability Theory and Statistics 0107103	Electronic Circuits 0104331	Probability and Random Processes 0106331	Introduction to Artificial Intelligence 0114208	Internet of Things 0105423	Group (A)	Group (B)
	Physics I 0108103	Physics II 0108203	Linear Algebra 0107102	Circuit Analysis I 0104230	Circuit Analysis II 0104330	Electromagnetic Theory 0106350	Communication Lab 0106341		Cryptography and Computer Network Security 0112304	Computer Network Management 0105411
	Physics I Lab 0108104	Physics II Lab 0108204	Digital Logic Design Lab 0104241	Circuit Analysis Lab 0104231	Electronics Lab 0104332	Fundamentals to Innovation and Entrepreneurship 0501170	Network Lab 0105401			
	English 1 0401120	English 2 0401121	Arabic Language 0405100	Islamic Culture 0406110	UAE Studies 0409103		Scientific Research Methodology 0508203			
Total	16	16	16	16	16	15	14	9	11	11
Total	32		32		31		23		22	
Total	140									

C- Bachelor of Science in Computer Science

About the Program
The Bachelor of Science in Computer Science provides graduates with quality education, training and skills enabling them to become successful professionals.

Goal
The goal of the program is to produce graduates who possess knowledge, skills and learning abilities in computer science and related fields and play a role in the progress of local and regional societies.

Vision
The Computer Science program aspires to be a leading program by excelling in education, research and community service.

Mission
The Computer Science program's mission is to produce quality graduates and innovative research through a diverse community of Instructors and students.

Objectives
The Program Educational Objectives (PEOs) of the "Bachelor of Science in Computer Science" describe what graduates are expected to attain within a few years after graduation:

a) Demonstrate incremental professional competencies in Computer Science and related fields.
b) Enhance skills and knowledge through life-long learning and pursuit of graduate studies.
c) Contribute to the progress of local and regional societies.

Outcomes
The Program Learning Outcomes / Student Outcomes (PLOs) of the "Bachelor of Science in Computer Science" describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.	Knowledge, Skills
2	Design, implement, and evaluate a sustainable computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	Knowledge, Skills
3	Communicate effectively in a variety of professional contexts.	Skills, Responsibility
4	Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	Knowledge, Skills
5	Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.	Skills, Responsibility
6	Apply computer science theory and software development fundamentals to produce computing-based solutions.	Knowledge, Skills

Study Plan for Academic Year 2025/2026 - (123) CR.H. / Computer Science Program

Course #	Course Title	CR.H.	Prerequisite
First: General Education Requirement (30) CR.H.			
(1) Compulsory Courses (24) CR.H.			
0102120	Computer Skills	3	
0401120	English (1)	3	
0401121	English (2)	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fundamentals of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H. **The student is required to choose Only One course from each of the following groups:**			
(a) Society and Civilization (3) CR.H.			
0407298	Arabs and Muslims Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0407224	Ethical Awareness	3	
0407392	Environmental Awareness	3	
0509210	Principles of Microeconomics	3	
(b) Managerial Skills (3) CR.H			
0407111	Thinking Skills	3	
0303100	Law and Society	3	
0407251	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
0502200	Principles of Financial Accounting	3	
Second: Compulsory College Requirements (24) CR.H.			
0107101	Calculus I	3	
0107102	Linear Algebra	3	0107101
0107103	Probability Theory and Statistics	3	0107101
0107201	Introduction to Numerical Methods	3	0107102 & 0107104
0108103	Physics I	3	
0102220	Introduction to Programming	(3,1,3)	0102120
0107200	Discrete Structures	3	
0201100	Chemistry	3	

Course #	Course Title	CR.H.	Prerequisite
Third: Specialization Courses (48) CR.H.			
(1) Compulsory Courses (42) CR.H.			
0102221	Object-Oriented Programming	(3,1,3)	0102220
0102240	Computer Organization	3	0104240
0102270	Data Structures and Algorithms	(3,1,3)	0102221 & 0107200
0102330	Database Systems	(3,1,3)	0102221
0114208	Introduction to Artificial Intelligence	3	0107200 & 0102221
0102331	System Analysis & Design	3	0103220
0102340	Operating Systems	3	0102240
0102341	Formal Languages and Automata Theory	3	0107200
0102370	Design and Analysis of Algorithms	3	0107200 & 0102270
0102420	Web Development	(3,1,3)	0102330
0102421	Introduction to Compilers	3	0102341
0102450	Computer Networks	3	0102240
0102460	Introduction to Computer Graphics	3	0107102 & 0102270
0104240	Digital Logic Design	3	0107200
(2) Elective Courses (6) CR.H.			
0102452	Security of Information Systems	3	0102340
0102480	Simulation and Modeling	3	0107103 & 0102220
0102481	Data and Web Mining	3	0102370
0103420	Software Project Management	3	0103220
Fourth: Compulsory Supporting Courses (15) CR.H.			
0107104	Calculus II	3	0107101
0108203	Physics II	3	0108103
0102453	Computer Ethics	3	>=60 CR.H.
0103220	Foundations of Software Engineering	3	0102120
0200100	Biology	3	
Fifth: Internship (3) CR.H.			
0102490	CS Internship	3	>= 75 CR.H. + Dept. Approval
Sixth: Capstone Project (3) CR.H.			
0102491	CS Capstone Project 1	1	>=90 CR.H.+ Dept. Approval
0102492	CS Capstone Project 2	2	0102491

Guidance Plan / Computer Science Program

	First Year		Second Year		Third Year		Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Computer Skills 0102120	Introduction to Programming 0102220	Object Oriented Programming 0102221	Fundamentals of Innovation and Entrepreneurship 0501170	Science and Life 0201111	UAE Studies 0409103	Islamic Culture 0406110	Group (B)
	Calculus I 0107101	Discrete Structures 0107200	Foundations of Software Engineering 0103220	Computer Organization 0102240	Introduction to Computer Graphics 0102460	Scientific Research Methodology 0508203	Group (A)	CS Capstone Project II 0102492
	Biology 0200100	Linear Algebra 0107102	Calculus II 0107104	Introduction to Numerical Methods 0107201	Computer Ethics 0102453	Introduction to Compilers 0102421	Major Elective (2)	
	Arabic Language 0405100	Physics I 0108103	Physics II 0108203	Data Structures and Algorithms 0102270	Design and Analysis of Algorithms 0102370	Major Elective (1)	CS Capstone Project I 0102491	
	English (1) 0401120	Probability Theory and Statistics 0107103	Formal Languages and Automata Theory 0102341	Database Systems 0102330	Web Development 0102420	System Analysis & Design 0102331		
	Chemistry 0201100	English (2) 0401121	Digital Logic Design 0104240	Computer Networks 0102450	Operating Systems 0102340	CS Internship 0102490		
Total	18	18	18	18	18	18	10	5
	36		36		36		15	
	123							

D- Bachelor of Science in Software Engineering

ACCREDITED BY ABET

About the Program
The Bachelor of Science in Software Engineering provides graduates with quality education, training and skills enabling them to become successful professionals.

Goal
The goal of the program is to produce graduates who possess knowledge, skills and learning abilities in software engineering and related fields and play a role in the progress of local and regional societies.

Vision
The Software Engineering program aspires to be a leading program by excelling in education, research and community service.

Mission
The Software Engineering program's mission is to produce quality graduates and innovative research through a diverse community of Instructors and students.

Objectives
The Program Educational Objectives (PEOs) of the “Bachelor of Science in Software Engineering Program” describe what graduates are expected to attain within a few years after graduation:

a) Demonstrate incremental professional competencies in Software Engineering and related fields.
b) Enhance skills and knowledge through life-long learning and pursuit of graduate studies.
c) Contribute to the progress of local and regional Societies.

Outcomes
The Program Learning Outcomes / Student Outcomes (PLOs) of the “Bachelor of Science in Software Engineering Program” describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	Knowledge, Skills
2	an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	Skills, Responsibility
3	an ability to communicate effectively with a range of audiences.	Skills, Responsibility
4	an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	Skills, Responsibility
5	an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	Knowledge, Skills
6	an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	Knowledge, Skills
7	an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	Knowledge, Skills

Study Plan for Academic Year 2025/2026 - (124) CR.H./ Software Engineering Program

Course #	Course Title	CR.H.	Prerequisite
First: General Education Requirement (30) CR.H.			
(1) Compulsory Courses (24) CR.H.			
0102120	Computer Skills	3	
0401120	English-I	3	
0401121	English-II	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fundamentals of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0407298	Arabs and Muslims Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0407224	Ethical Awareness	3	
0407392	Environmental Awareness	3	
0509210	Principles of Microeconomics	3	
(a) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0407111	Thinking Skills	3	
0407251	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
0502200	Principles of Financial Accounting	3	
Second: Compulsory College Requirements (24) CR.H.			
0107101	Calculus I	3	
0107102	Linear Algebra	3	0107101
0107103	Probability Theory and Statistics	3	0107101
0107201	Introduction to Numerical Methods	3	0107102 & 0107104
0108103	Physics I	3	
0102220	Introduction to Programming	(3, 1, 3)	0102120
0107200	Discrete Structures	3	
0201100	Chemistry	3	

Course #	Course Title	CR.H.	Prerequisite
Third: Specialization Courses (48) CR.H.			
(1) Compulsory Courses (42) CR.H.			
0102221	Object-Oriented Programming	(3, 1, 3)	0102220
0103220	Foundations of Software Engineering	3	0102120
0102330	Database Systems	(3, 1, 3)	0102221
0102340	Operating Systems	3	0102240
0102270	Data Structures and Algorithms	(3, 1, 3)	0102221 & 0107200
0102420	Web Development	(3, 1, 3)	0102330
0103320	Software Requirements and Specification	3	0103220
0103330	Software Design and Development	3	0103320
0103331	Formal Specifications and Design Methods	3	0103320 & 0107200
0103440	Software Measurement and Testing	(3, 1, 3)	0103330
0103420	Software Project Management	3	0103220
0103430	Object-Oriented Analysis and Design	3	0102221 & 0103330
0103431	User Interface Design	3	0103220
0103441	Software Evolution and Maintenance	(3, 1, 3)	0103440
(2) Elective Courses (6) CR.H.			
0102370	Design and Analysis of Algorithms	3	0107200 & 0102270
0102452	Security of Information Systems	3	0102340
0102460	Introduction to Computer Graphics	3	0107102 & 0102270
0102481	Data and Web Mining	3	0102370
0103432	Agent-Based Modelling	(3, 1, 3)	0103430
0103443	Secure Software Engineering	(3, 1, 3)	0103330
Fourth: Compulsory Supporting Courses (16) CR.H.			
0107104	Calculus II	3	0107101
0108104	Physics I Lab	1	0108103
0108203	Physics II	3	0108103
0102453	Computer Ethics	3	>=60 CR.H.
0114208	Introduction to Artificial Intelligence	3	0107200 & 0102221
0102240	Computer Organization	3	0107200
Fifth: Internship (3) CR.H.			
0103480	SE Internship	3	>= 75CR.H.+ Dept. Approval
Sixth: Capstone Project (3) CR.H.			
0103490	SE Capstone Project1	1	>=90 CR.H.+ Dept. Approval
0103491	SE Capstone Project2	2	0103490

Guidance Plan / Software Engineering Program

	First Year		Second Year		Third Year		Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Computer Skills 0102120	Introduction to Programming 0102220	Foundations of Software Engineering 0103220	Software Requirementsand Specification 0103320	Operating Systems 0102340	Formal specifications andDesign Methods 0103331	Major Elective (2)	Islamic Culture 0406110
	Calculus I 0107101	Discrete Structures 0107200	Probability Theory and Statistics 0107103	Computer Organization 0102240	Database Systems 0102330	Object-Oriented Analysis and Design0103430	Group (A)	Group (B)
	Introduction to Psychology 0408100	Linear Algebra0107102	Calculus II 0107104	Introduction to Numerical Methods 0107201	Computer Ethics 0102453	Major Elective(1)	Software Evolution and Maintenance 0103441	
	Arabic Language 0405100	Physics II 0108203	Object Oriented Programming 0102221	Data Structuresand Algorithms0102270	Software Design and Development0103330	Software Measurement and Testing 0103440	SE Capstone Project1 0103490	SE Capstone Project2 0103491
	English 1 0401120	Fundamentals of Innovation and Entrepreneurship 0501170	Physics I Lab 0108104	Introduction to Artificial Intelligence (0114208)	Scientific Research Methodology 0508203	Web Development 0102420		
	Physics-I 0108103	English 2 0401121	Chemistry 0201100	Software Project Management 0103420	User Interface Design 0103431	SE Internship 0103480		
Total	18	18	16	18	18	18	10	8
	36		34		36		18	
	124							

E- Bachelor of Science in Civil Engineering

About the Program

The Civil Engineering Program offers a Bachelor of Science degree in Civil Engineering. This program provides graduates with quality education, training and skills enabling them to become successful professionals.

Vision

The Civil Engineering program aspires to be a leading program by excelling in education, research and community service.

Mission

The Civil Engineering program's mission is to produce quality graduates and innovative research through a diverse community of Instructors and students.

Objectives

The Program Educational Objectives (PEOs) of the “Bachelor of Science in Civil Engineering” Program describe what graduates are expected to attain within a few years after graduation:

1. Demonstrate incremental professional competencies in Civil Engineering and related fields
2. Demonstrate an ability to function independently and/or in multidisciplinary teams with relevant communication skills and ethical conduct necessary for professional access
3. Contribute to the progress of local and regional societies

Outcomes

The Program Learning Outcomes / Student Outcomes (PLOs) of the “Bachelor of Science in Civil Engineering” Program describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	Knowledge, Skills
2	An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	Knowledge, Skills
3	An ability to communicate effectively with a range of audiences.	Skills, Responsibility
4	An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	Skills, Responsibility
5	An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	Skills, Responsibility
6	An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	Knowledge, Skills
7	An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.	Knowledge, Skills

Study Plan for Academic Year 2024/2025 - (140) CR.H. / Civil Engineering Program

Course No	Course Title	CR.H.	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0114208	Introduction to Artificial Intelligence	3	
0401120	English 1	3	
0401121	English 2	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fundamentals to Innovation And Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6 CR.H.) (The Student is required to choose Only One course from each of the following groups)			
Group A: Society and Civilization (3) CR.H.			
0406100	Arabs & Muslims 'Contributions to Arts & Sciences	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
0509210	Principles of Microeconomics	3	
Group B: Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
0502200	Principles of Financial Accounting	3	
Second: Compulsory College Requirements (21) CR.H.			
0102220	Introduction to Programming	3	0102120
0107101	Calculus 1	3	
0107102	Linear Algebra	3	0107101
0107103	Probability Theory and Statistics	3	0107101
0107201	Introduction to Numerical Methods	3	0107104 & 0107102
0108103	Physics I	3	
0201100	Chemistry	3	
Third: Specialization Course (75) CR.H.			
Compulsory Courses (69) CR.H.			
0107104	Calculus 2	3	0107101
0108203	Physics 2	3	0108103
0108204	Physics II Lab	1	0108203
0111200	Computer Aided analysis and Design	3	0102120
0111210	Statics	3	0108103 & 0107101
0111211	Mechanics of Materials	3	0111210
0111212	Dynamics	3	0111210
0111220	Geology	3	0201100
0111230	Surveying	3	0107104
0111231	Surveying Lab	1	0111230
0111310	Construction Materials	3	0201100 & 0111211
0111311	Materials Lab	1	0111310
0111312	Structural analysis	3	0111211
0111320	Geotechnical Engineering	3	0111220 & 0111211
0111321	Geotechnical Engineering Lab	1	0111320
0111330	Transportation Engineering	3	0111230
0111340	Fluid Mechanics	3	0111210 & 0107104
0111341	Fluid Mechanics and HydraulicsLab	1	0111340
0111410	Reinforced Concrete Design I	3	0111312 & 0111310
0111413	Design of Steel Structures	3	0111312, 0111310 & 0107202
0111420	Foundations Engineering	3	0111320
0111430	Highway Engineering	3	0111330
0111440	Environmental Engineering	3	0201100 & 0111340
0111441	Environmental Engineering Lab	1	0111440
0111442	Water Resources Engineering	3	0111340
0111450	Engineering Economics	3	0107104 & 0102220
0111550	Construction Management	3	0111450
Elective Courses (6) CR.H.			
0111510	Pre-stressed Concrete Design	3	0111410
0111511	Reinforced Concrete Design II	3	0111410
0111512	Bridge Engineering	3	0111410 & 0111413
0111513	Earthquake Engineering	3	0111410
0111520	Advanced Geotechnical Engineering	3	0111420
0111530	Geographic information system GIS	3	0111231 &0111230
0111540	Waste Water Engineering	3	0111440
0111541	Air Pollution Engineering	3	0111440
0111551	Project Management	3	0111550
0111581	Special topics in civil engineering	3	
Fourth: Compulsory Supporting Courses (4) CR.H.			
0107202	Engineering Math	3	0107104
0108104	Physics I Lab	1	0108103
Fifth: Internship (3) CR.H.			
0111480	Internship	3	>= 75 CR.H.
Sixth: Capstone Project (4) CR.H.			
0111590	Capstone Project I	1	>= 90 CR.H.
0111591	Capstone Project II	3	0111590

Guidance Plan / Civil Engineering Program

	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester
	Introduction to artificial intelligence **0114208**	Computer Skills 0102120	Introduction to Programming 0102220	Mechanics of Materials 0111211	Structural analysis 0111312	Reinforced Concrete Design I 0111410	Water Resources Engineering 0111442	Internship 0111480	Capstone Project I 0111590	Capstone Project II 0111591
	Calculus I 0107101	Calculus II 0107104	Engineering Math 0107202	Probability Theory and Statistics 0107103	Construction Materials 0111310	Transportation Engineering 0111330	Highway Engineering 0111430	Environmental Engineering 0111440	Major Elective (1)	Major Elective (2)
	Chemistry 0201100	Islamic Culture 0406110	Statics 0111210	Geology 0111220	Materials Lab 0111311	Arabic Language 0405100	Design of Steel Structures 0111413	Environmental Engineering Lab 0111441	Group (A)	Group (B)
	Physics I 0108103	Physics II 0108203	Computer Aided analysis and Design 0111200	Linear Algebra 0107102	Fluid Mechanics 0111340	Geotechnical Engineering 0111320	Foundations Engineering 0111420	Engineering Economics 0111450	Construction Management 0111550	UAE Studies 0409103
	Physics Lab I 0108104	Physics Lab II 0108204	Surveying 0111230	Dynamics 0111212	Fluid Mechanics and Hydraulics Lab 0111341	Geotechnical Engineering Lab 0111321	Introduction to Numerical Methods 0107201			
	English (1) 0401120	English (2) 0401121	Surveying Lab 0111231		Scientific Research Methodology 0508203	Fundamentals of Innovation and Entrepreneurship 0501170				
Total	**16**	**16**	**16**	**15**	**14**	**16**	**15**	**10**	**10**	**12**
Total	**32**		**31**		**30**		**25**		**22**	
Total	**140**									

F- Bachelor of Science in Cybersecurity

About the Program

The B.Sc. Program in Cybersecurity aims to produce competent cybersecurity professionals who can deploy efficient technologies and implement security solutions according to market and society needs, particularly in the UAE and Gulf region. The program enables graduates to address security issues from stakeholder requirements and protection needs perspectives and to use established engineering processes to ensure that such requirements and needs are addressed with appropriate fidelity and rigor.
This program is designed to serve UAE's national Cybersecurity and privacy and to meet the growing demands for Emirati Information Technology professionals and skilled manpower from various commercial, private/public, and governmental sectors in the Abu Dhabi Emirate and the other Emirates as well.

Vision

Aspire to sustain and satisfy the information dynamics and security needs of the local and regional environment.

Mission

Educate and equip the students to appropriately manage information risk. This effort is advanced through policies, information and cybersecurity knowledge, and supporting tools and guidance that empower students to manage risk and prevent the unintentional, unlawful, or unauthorized disclosure, alteration, or destruction of IT resources.

Outcomes

The Program Learning Outcomes / Student Outcomes (PLOs) of the "Bachelor of Science in Cybersecurity" Program describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
a	Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.	Knowledge, Skills
b	Design, implement, and evaluate a sustainable computing-based solution to meet a given set of computing requirements in the context of the cybersecurity's discipline.	Knowledge, Skills
c	Communicate effectively in a variety of professional contexts.	Skills, Responsibility
d	Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	Knowledge, Responsibility
e	Function effectively as a member or leader of a team engaged in activities appropriate to the cybersecurity's discipline.	Skills, Responsibility
f	Apply security principles and practices to maintain operations in the presence of risks and threats.	Knowledge, Skills

Study Plan for Academic Year 2025/2026 - (123) CR.H. / Cybersecurity Program

Course No.	Course Title	CR.H.	Prerequisite	Course No.	Course Title	CR.H.	Prerequisite
General Education Program (33) CR.H.				0112311	Secure programming	3	(0102270 & 0112200)
				0102330	Database Systems	3	(0102221)
				0102420	Web Development	3	(0102330)
				0103220	Foundation of software engineering	3	(0102120)
Compulsory Courses (27) CR.H.				0102450	Computer Networks	3	(0104240)
0102120	Computer Skills	3		0102270	Data Structures and Algorithms	3	(0102221)
0201111	Science and Life	3		0114208	Introduction to Artificial Intelligence	3	(0102221 &0107200))
0401120	English I	3		0112200	Computer Security Fundamental	3	(0102220)
0401121	English 2	3	(0401120)	0112304	Cryptography & Computer Network Security	3	(0102450 & 0112200)
0405100	Arabic Language	3		0102453	Computer ethics	3	>=60 CR.H.
0406110	Islamic Culture	3		0112302	Computer Forensics	3	(0112201)
0409103	UAE Studies	3		0104240	Digital Logic Design	3	(0107200)
0508203	Scientific Research Methodology	3		0112300	Risk Assessment & Management	3	(0112200)
0501170	Fundamentals of Innovation and Entrepreneurship	3		(2) Elective Courses (6) CR.H.			
Society and Civilization Elective (3) CR.H.							
0406100	Arabs & Muslims' Contributions to Arts & Science	3		0112306	Secure Systems Architectures and Mechanisms	3	(0112200)
0408100	Introduction to Psychology	3		0112403	Emerging Technologies IoT and Cloud	3	(0102450)
0408101A	Physical Education & Health	3		0112406	Big Data from Social Networks	3	(0102330 & 0114208)
0409100	Ethical Awareness	3		0112307	Intrusion Analysis and Incident Management	3	(0112201)
0409102	Environmental Awareness	3					
059210	Principle of microeconomics	3		0112407	Cyber Warfare	3	(0112304)
Managerial Skills Elective (3) CR.H.				Compulsory Supporting Courses (15) CR.H.			
0303100	Law and Society	3					
0408103	Thinking Skills	3					
0408104	Self-Assessment	3					
0501100	Introduction to Time Management	3					
0501150	Leadership and Teamwork	3					
0502200	Principles of Financial Accounting	3					
Compulsory College Requirements (21) CR.H.							
0107101	Calculus I	3		0107104	Calculus II	3	(0107101)
0107102	Linear Algebra	3	(0107101)	0112401	Mobile Applications and Security	3	(0102221)
0107103	Probability Theory and Statistics	3	(0107101)	0102340	Operating Systems	3	(0102270)
0107201	Introduction to Numerical Methods	3	(0107104 &0107102)	0112201	Ethical Hacking	3	(0102450& 0112200)
0108103	Physics I	3		0112301	Cybersecurity Law and Policy	3	(0112200)
0102220	Introduction to Programming	3	(0102120)	Internship (3) CR.H.			
0107200	Discrete Structures	3		0112480	Internship	3	>= 90 CR.H.
Specialization Courses (48) CR.H.				Capstone Project (3) CR.H.			
(1)	Compulsory Courses (42) CR.H.			0112490	Capstone Project I	1	>= 90 CR.H.
0102221	Object - Oriented Programming	3	(0102220)	0112491	Capstone Project II	2	(0112490)

Guidance Plan / Cybersecurity Program

	First Year		Second Year		Third Year		Fourth Year	
	First Semester	**Second Semester**	**First Semester**	**Second Semester**	**First Semester**	**Second Semester**	**First Semester**	**Second Semester**
	Computer Skills 0102120	Introduction to Programming 0102220	Introduction to Numerical Methods 0107201	Data Structures and Algorithms 0102270	Operating systems 0102340	Computer Forensics 0112302	Specialization Course Elective (2)	Islamic Culture 0406110
	Calculus I 0107101	Calculus II 0107104	Computer Security Fundamental 0112200	Cybersecurity Law and Policy 0102301	Web Development 0102420	Specialization Course Elective (1)	Group (A) Society and Civilization Elective	Group (B) Managerial Skills Elective
	Discrete Structures 0107200	Digital Logic Design 0104240	Probability Theory & Statistics 0107103	Database Systems 0102330	Introduction to Artificial Intelligence 0114208	Internship 0112480	Capstone Project1 0112490	Capstone Project2 0112491
	UAE Studies 0409103	Linear Algebra 0107102	Computer Networks 0102450	Ethical Hacking 0112201	Risk Assessment & Management 0112300	Mobile Applications & Security 0112401	Science and Life 0201111	
	English 1 0401120	English 2 0401121	Object Oriented Programming 0102221	Cryptography & Computer Network Security 0112304	Secure Programming 0112311	Fundamentals of Innovation and Entrepreneurship 0501170		
	Physics I 0108103	Foundation of Software Engineering 0103220	Scientific Research Methodology 0508203	UAE studies 0409103	Computer ethics 0102453			
Totals	**18**	**18**	**18**	**18**	**18**	**15**	**10**	**8**
	36		**36**		**33**		**18**	
	123							

G- Bachelor of Science in Artificial Intelligence and Robotics

About the Program

The Bachelor of Science in Artificial Intelligence and Robotics blends core computing principles, AI techniques, and robotics fundamentals to prepare students for the development of intelligent, autonomous systems. Through hands-on labs, team-based projects, and industry collaborations, learners gain practical experience in designing, implementing, and evaluating sustainable AI-driven solutions. Emphasis on ethical, legal, and societal considerations ensures graduates make responsible decisions in real-world contexts. Graduates emerge ready to lead multidisciplinary teams and innovate at the forefront of AI and robotics.

Vision

The Program aspires to be a leading program by excelling in education, research and community service.

Mission

The program's mission is to produce high-quality graduates, foster innovative research through a diverse community of instructors and students, and promote positive engagement with industry and society.

Outcomes

On successful completion of this program, the graduate will be able to:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Analyze complex problems related to AI and robotics and apply principles of computing and other relevant disciplines to identify effective solutions.	Knowledge
2	Design, implement, and evaluate sustainable AI- and robotics-based solutions that meet a given set of requirements within the program's discipline.	Knowledge, Skills
3	Communicate effectively in a variety of professional contexts, particularly in AI and robotics development environments.	Skills, Responsibility
4	Recognize professional responsibilities and make informed judgments in AI and robotics practice based on legal and ethical principles.	Responsibility
5	Function effectively as a member or leader of a team engaged in activities related to artificial intelligence and robotics.	Responsibility
6	Apply computing principles, AI techniques, and robotics fundamentals to develop intelligent and autonomous systems.	Knowledge, Skills

Study Plan for Academic Year 2025/2026 - (123) CR.H. / Artificial Intelligence and Robotics Program

Course No.	Course Title	CR.H.	Prereq.	Course No.	Course Title	CR.H	Prereq.
First: General Education of Program (30) CR.H.				**Third: Specialization Courses (54) CR.H.**			
(1) Compulsory Courses (24) CR.H.				**Compulsory Courses (48) CR.H.**			
0102120	Computer Skills	3		0102221	Object-Oriented Programming	3	0102220
0401120	English (1)	3		0114208	Introduction to Artificial Intelligence	3	0102221 + 0107200
0401121	English (2)	3	0401120	0104240	Digital Logic Design	3	0107200
0405100	Arabic Language	3		0104241	Digital Logic Design Lab	1	0104240
0406110	Islamic Culture	3		0104450	Embedded Systems	3	0104240 + 0102221
0409103	UAE Studies	3		0104451	Embedded Systems Lab	1	0104450
0501170	Fundamentals of Innovation and Entrepreneurship	3		0114210	Fundamentals of Circuits and Electronics	3	0108203
0508203	Scientific Research Methodology	3		0114211	Circuits and Electronics Lab	1	0114210
(1) Elective Courses (6) CR.H.				0114212	Robotics Fundamentals	3	0108110
The student is required to choose Only One course from each of the following groups:				0114213	Control Systems	3	0107202
				0114214	Control Lab	1	0114213
(a) Society and Civilization (3) CR.H.				0114313	Robot Sensing	3	0114210 + 0114212
0406100	Arabs and Muslims Contributions to Arts & Science	3		0114314	Design of Robotics Systems	3	0114213 + 0114313 + 0104450
0408100	Introduction to Psychology	3		0114315	Robotics Lab	1	0114314
0408101A	Physical Education & Health	3		0114320	Fundamentals of Data Science	3	0107101 + 0102220
0408105	Introduction to Early Childhood	3		0114321	Machine and Deep Learning	3	0114208 + 0107102
0409100	Ethical Awareness	3		0114322	Machine Learning Lab	1	0114321
0409102	Environmental Awareness	3		0114323	Natural Language Processing	3	0114208
0509210	Principles of Microeconomics	3		0114324	Artificial Intelligence Programming	3	0114208 + 0102270
(b) Managerial Skills (3) CR.H				0114421	Cloud Computing for Artificial Intelligence	3	0114321
				(2) Elective Courses (6) CR.H.			
				0114411	Intelligent Robotics	3	0114208 + 0114314
0303100	Law and Society	3		0114422	Statistical Machine Learning	3	0114321 + 0107103
0408103	Thinking Skills	3		0114412	Human Robot Interaction	3	0114314
0408104	Self Assessment	3		0114413	Robot Vision	3	0114314
0501100	Introduction to Time Management	3		0114423	Ethics in Artificial Intelligence	3	0114208
0501150	Leadership and Teamwork	3		**Fourth: Compulsory Supporting Courses (12) CR.H.**			
0502200	Principles of Financial Accounting	3		0102270	Data Structures and Algorithms	3	0102221
Second: Compulsory College Requirements (21) CR.H.				0102330	Database Systems	3	0102221
0102220	Introduction to Programming	3	0102120	0107202	Engineering Math	3	0107101
0107101	Calculus I	3		0108203	Physics 2	3	0108103
0107102	Linear Algebra	3	0107101	**Fifth: Internship (3) CR.H.**			
0107103	Probability Theory and Statistics	3	0107101	0114480	Internship	3	>= 75 CH + Program approval
0107200	Discrete Structures	3		**Sixth: Capstone Project (3) CR.H.**			
0108103	Physics 1	3		0114490	Capstone Project I	1	>= 90 CH + Program Approval
0108110	Engineering Statics and Dynamics	3	0108103	0114491	Capstone Project II	2	0114490

Guidance Plan / Artificial Intelligence and Robotics Program

	First Year		Second Year		Third Year		Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Computer Skills 0102120	Introduction to Programming 0102220	Object Oriented Programming 0102221	Introduction to Artificial Intelligence 0114208	Robot Sensing 0114313	Design of Robotic systems 0114314	Group (A)	Group (B)
	Calculus I 0107101	Digital Logic Design 0104240	Engineering Math 0107202	Data Structures and Algorithms 0102270	Fundamentals of Data Science 0114320	Robotics Lab 0114315	Elective (1)	Elective (2)
	Discrete Mathematics 0107200	Digital Logic Design Lab 0104240	Fundamentals of Circuits and Electronics 0114210	Embedded Systems 0113250	Database systems 0102330	Artificial Intelligence Programming 0114324	Cloud Computing for Artificial Intelligence 0114421	Internship 0114480
	Arabic Language 0405100	Linear Algebra 0107102	Circuits and Electronics Lab 0114211	Embedded Systems Lab 0113251	Control Systems 0114213	Machine and Deep Learning 0114321	Capstone Project I 0114490	Capstone Project II 0114491
	Physics I 0108103	Engineering Statics and Dynamics 0108110	Robotics Fundamentals 0114212	Probability Theory and Statistics 0107103	Control Lab 0114214	Machine Learning Lab 0114322	Fundamentals of Innovation and Entrepreneurship 0501170	
	English 1 0401120	Physics 2 0108203	English 2 0401121	UAE Studies 0409103	Islamic Culture 0406110	Natural Language Processing 0114322	Scientific Research Methodology 0508203	
Total	18	16	16	16	16	14	16	11
	34		32		30		27	
	123							

Graduate Programs

A- Master of Science in Software Systems Engineering

About the Program

Master of Science in Software Systems Engineering is a program designed to cultivate top-quality graduates in the dynamic domain of Software Systems Engineering. It aims at preparing graduates to become highly skilled professionals and competent researchers who can develop complex systems and conduct high caliber research in the field of Software Systems Engineering.

Vision

The program aspires to be a leading program in the region through excellence in education and research.

Mission

The program's mission is to produce high-quality Software Systems Engineering graduates, innovative research, by a diverse community of instructors and students, and positive engagement with diverse sectors of the community.

Outcomes

On successful completion of this program, the graduate will be able to:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Demonstrate an understanding of advanced knowledge of the practice of software systems engineering, from vision to analysis, design, validation, and deployment.	Knowledge
2	Apply advanced software systems engineering knowledge, standards, and best practices for the professional development of software systems.	Knowledge, Skills
3	Apply appropriate research methodologies and skills to develop a research-centric and innovative project while considering relevant ethical factors.	Knowledge, Skills
4	Communicate effectively and professionally in writing and using presentations to specialists and a general audience.	Skills, Responsibility
5	Recognize security, human, social, and ethical matters while developing advanced software systems.	Knowledge, Responsibility
6	Function independently and take responsibility for professionally managing software systems.	Skills, Responsibility
7	Acquire skills that facilitate continuing professional development and personal initiative.	Skills, Responsibility
8	Demonstrate skills related to initiating and managing professional activities individually or within a team in a complex environment.	Skills, Responsibility

Study Plan for Academic Year 2025/2026 - (30) CR.H. / Master of Science in Software Systems Engineering Program

Course No	Course Title	CR.H.	Pre-requisite
	Specialized courses (30 Credit Hours)		
	(1) Core Compulsory Courses (18) CR.H		
0103610	Software Systems Engineering Theory and Development Practices	3	
0103611	Software Systems Security and Authentication	3	
0103612	Advanced Research Methods	3	
0103613	Requirements Engineering and Architectural Design	3	0103610
0103614	Software Project Management	3	0103610
0103615	Systems Testing and Quality Assurance	3	0103613
	(2) Thesis (6 Credit Hours)		
0103691	Thesis 1	3	Completed 18 Credit
0103692	Thesis 2	3	0103691
	(3) Elective Courses (6 Credit Hours)		
0103620	Big Data Analytics	3	0103610
0103621	Machine Learning Systems	3	0103610
0103622	Simulation and Model-driven Software Development	3	0103620
0103623	System Re-Engineering	3	0103613
0103624	Distributed Systems	3	0103610
0103625	Human Computer Interaction	3	0103610
0103626	Systems Design Optimization	3	0103613

Guidance Plan / Master of Science in Software Systems Engineering Program

	First Year		Second Year	
	1st Semester	2nd Semester	1st Semester	2nd Semester
Course name (course code)	Software Systems Engineering Theory and Development Practices (0103610)	Requirements Engineering and Architectural Design (0103613)	Systems Testing and Quality Assurance (0103615)	Elective (2)
	Software Systems Security and Authentication (0103611)	Software Project Management (0103614)		
	Advanced Research Methods (0103612)	Elective (1)	Thesis (0103691 & 0103692)	
Total	9	9	12	
	18			
	30			

B- Master of Science in Artificial Intelligence

About the Program

The Master of Science in Artificial Intelligence program is designed to cultivate top-quality graduates in the dynamic domain of Artificial Intelligence. It aims to prepare graduates to become highly skilled professionals and competent researchers who can develop innovative AI solutions and conduct high-caliber research in the field.

Vision

The program aspires to be a leading program in the region through excellence in education and groundbreaking AI research.

Mission

The program aims to produce high-quality Artificial Intelligence graduates, foster innovative research through a diverse community of instructors and students, and promote positive engagement with industry and society.

Outcomes

On successful completion of this program, the graduate will be able to:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Demonstrate in-depth knowledge of core concepts, theories, and methodologies in Artificial Intelligence.	Knowledge
2	Conduct advanced research in AI, formulating innovative solutions to complex real-world problems using state-of-the-art tools and techniques.	Knowledge, Skills, Responsibility
3	Design, develop, and deploy AI-powered systems and applications that solve problems effectively, ensuring scalability, robustness, and adaptability.	Knowledge, Skills, Responsibility
4	Analyze, preprocess, and model complex datasets using advanced artificial Intelligence techniques to generate actionable insights and make data-driven decisions.	Knowledge, Skills, Responsibility
5	Evaluate the ethical, societal, and regulatory implications of AI applications, ensuring adherence to responsible AI practices and addressing biases and fairness in algorithms.	Knowledge, Responsibility
6	Apply AI principles in interdisciplinary domains such as healthcare, finance, robotics, and autonomous systems, demonstrating effective teamwork and collaboration with experts from other fields.	Skills, Responsibility
7	Engage in continuous learning to keep pace with the rapidly evolving field of AI and ML, utilizing emerging tools, technologies, and frameworks to remain competitive in the global job market.	Skills, Responsibility

Study Plan for Academic Year 2025/2026 - (30) CR.H. / Master of Science in Artificial Intelligence Program

Course No	Course Title	CR.H.	Pre-requisite
	Specialized courses (30 Credit Hours)		
	(1) Core Compulsory Courses (18) CR.H		
0114610	Mathematics and Statistics for AI	3	
0103612	Advanced Research Methods	3	
0114611	Advanced Data Mining	3	
0114613	Machine & Deep Learning	3	
0114614	Advanced Artificial Intelligence	3	0114610 & 0114613
0114615	Robotics	3	0114613
	(2) Thesis (6 Credit Hours)		
0114691	Thesis 1	3	Completed 18 Credit
0114692	Thesis 2	3	0114691
	(3) Elective Courses (6 Credit Hours)		
0114616	Natural Language Processing	3	0114611 & 0114613
0114617	Computer Vision	3	0114613
0114618	Internet of Things	3	0114613
0114619	AI in Healthcare	3	0114610 & 0114613
0114620	Speech Recognition	3	0114615
0114621	Smart Cities	3	0114614

Guidance Plan / Master of Science in Artificial Intelligence Program Program

	First Year		
	1st Semester	2nd Semester	3rd Semester
Course name (course code)	Mathematics and statistics for AI 0114610	Advanced Artificial Intelligence 0114614	Elective (2)
	Advanced Research Methods 0103612	Robotics 0114615	
	Advanced Data Mining 0114611	Elective (1)	
	Machine & Deep Learning 0114613	Thesis (0114691 & 0114692)	
Total	12	12	6
	30		

Brief Course Descriptions

Course Title & No.	Brief Course Description
Circuit Analysis I 0104230 (3 Cr. H.)	This course is an introduction to linear circuit analysis. Topics include nodal and loop analysis techniques;linearity theorem; superposition theorem; source transformation; Thevenin's and Norton's theorems; maximum power transfer; capacitance and inductance; first- and second-order transient analysis; and operational amplifiers (op-amps).
Circuit Analysis Lab 0104231 (1 Cr. H.)	Introduction to electric circuits, Basic concepts of voltage and current; Kirchhoff's voltage and current laws;Ohm's law; voltage and current sources, Thevenin and Norton equivalent circuits, Superposition Theorem, Maximum Power Transfer Theorem, Time- and frequency-domain analysis of RLC circuits. Hands on experience on circuits and LTSpice Simulation software.
Digital Logic Design 0104240 (3 Cr. H.)	This course presents the theory of number systems, binary arithmetic, Boolean algebra, digital circuits and systems, combinational and sequential logic systems. Logic simplification techniques using both Boolean Algebra and K-maps with do not care. Logic gates operation. Combinational circuits: adders, subtractors,decoders, encoders, multiplexers, and de-multiplexers. Latches and flip-flops. State machines: Moore and Mealy finite state machines. Sequential circuits such as asynchronous counters and synchronous counters using FSM and Transition State Tables. Serial and parallel shift registers.
Digital Logic Design Lab 0104241 (1 Cr. H.)	This course introduces logic design and the basic building blocks used in digital systems, in particular digital computers. It starts with the experiments of combinational logic: logic gates, minimization techniques, and arithmetic circuits. Then the course deals with latches, flip-flops and counters. Finally, design and simulation techniques are discussed using a suitable software.
Circuit Analysis II 0104330 (3 Cr. H.)	This course covers sinusoidal steady-state circuit analysis including phasors, impedance, admittance and analysis techniques; steady-state power analysis including instantaneous, average, and complex power; mutual inductance and transformers; frequency response; resonant circuits; passive filters; and two-port networks.
Database Systems 0102330 (3,1,3 CR.H.)	This course introduces the basic concepts of databases, which include database system architecture; entity-relationship model; hierarchical, network, and relational data models; functional dependencies and normal forms. Design, implementation, and optimization of SQL query languages with basic relational algebra; and security and integrity.
Electronic Circuits 0104331 (3 Cr. H.)	This course covers diode circuits and applications; Field-Effect Transistors (FET) and Bipolar JunctionTransistors (BJT); DC biasing of amplifiers; small signal models for transistors; the types of single-stageamplifiers; and multistage amplifiers.
Electronics Lab 0104332 (1 Cr. H.)	It covers the basic concepts of semi-conductor diode and its current-voltage relationship. Various applications of junction diode along with their various types are also demonstrated practically. Characteristics of Bipolar Junction Transistor, Field-Effect Transistor, and Operational Amplifiers are explained with the help of hands on experience and LTSpice Software simulations.
Digital Electronics 0104333 (3 Cr. H.)	This course discusses digital design techniques for integrated circuits. It covers the design of logic gates and circuits at the transistor level; the design of MOS memory and storage circuits; in addition to the description of different logic families, including CMOS, ECL, TTL, and BiCMOS.
Computer Architecture 0104340 (3 Cr. H.)	This course introduces the fundamental concepts of computer architecture. It covers computer abstractions, operations of the computer hardware, representing instructions in the computer, MIPS addressing for 32-Bit immediate and addresses, parallelism and instructions synchronization, arithmetic for computers, parallelism and computer arithmetic, building a data path, pipelined data path and control, data hazards, structural hazards, control hazards, memory technologies, basics of caches, measuring cache performance, and virtual memory.

Microprocessor and Assembly Language 0104350 (3 Cr. H.)	This course covers the architecture of microprocessors, microprocessor instructions set, assembly language,macros and procedures, interrupts, basic I/O, interfacing a microprocessor with different peripherals, serial communication (8251 USART), and an introduction to modern microprocessors.
Microprocessor and Assembly Language Lab 0104351 (1 Cr. H.)	The goals of experiments are to introduce students to architecture of the microprocessor, microprocessor instructions, assembly language, basic I/O and memory interfaces. Also, to conduct experiments using Intel 8086 Microprocessor emulator to verify and test assembly programs. This emulator can run programs on a virtual machine, emulate real hardware including screen, memory, and input and output devices.
Control Systems 0104352 (3 Cr. H.)	This course provides an introduction to control systems, mathematical modeling, and characteristics and performance of feedback control systems. Topics also include stability with Routh-Hurwitz criterion and Root- Locus method, industrial controllers, time-domain and frequency-domain analysis, Nyquist criterion, Bode plot, and state variable concepts. Labs with Matlab and Simulink are an integral part of this course.
VLSI Systems Design 0104430 (3 Cr. H.)	This course introduces VLSI design in CMOS technology, and provides a background on CMOS layout and physical design. The theory of MOS transistors is addressed along with characterization and performance estimation of CMOS circuits. In addition, the course covers array subsystems including decoders and memory systems, and provides an introduction to Verilog or VHDL to be used to design and simulate a finite state machine. Lab sessions are required.
Digital Systems Design 0104440 (3 Cr. H.)	This course covers the concepts of sequential logic including Finite State Machine (FSM) models (Mealy and Moore), state transition tables and state diagrams. The course addresses FSM implementation with D and JK flip-flops, and design issues with regard of state reduction in FSMs and incompletely specified sequential circuits. The topic of Algorithmic State Machines (ASMs) is also addressed as well as asynchronous circuits and hazards. Throughout this course, the students learn a Hardware Description Language such as VHDL or Verilog to be used in designing with programmable logic (e.g. PLD, ROM, FPGA).
Advanced Computer Architecture 0104441 (3 Cr. H.)	This course covers advanced concepts in computer architecture. These topics include performance evaluation, instruction set architecture, pipelining, instruction-level parallelism (ILP) using Scoreboarding and Tomasulo's techniques, thread-level parallelism, network-oriented interconnections and multiprocessors caches coherency.
Embedded Systems 0104450 (3 Cr. H.)	Basic architecture and assembly language of a microcontroller, Principles of microprocessor serial and parallel interfacing, Counters, Timers, ADC and DAC relevant chips, Software and hardware interrupt handling routines, Data acquisition, Human and physical interfaces, Application of top-down design to microcontroller software development in assembly language and a high level language, Evaluation of hardware and software trade-offs.
CE Internship 0104580 (3 Cr. H.)	The Bachelor of Science in Computer Engineering internship course is designed to enable students to apply their knowledge of computer engineering in real world professional situations. The students work as interns and practice team-based activities related to computer engineering. The internship experience provides the students with an industrial training opportunity through cooperation between the university and the local industry, which can help them in choosing their career path based on hands-on industrial experience. The student should work on site for at least 480 hours (equivalent to 12 weeks of full-time work).
C E Capstone Project I 0104590 (1 Cr. H.)	This course provides our undergraduate engineering students with imperative design experience to prepare them for the Computer Engineering industry. The capstone project is intended to integrate and draw on the knowledge that students have acquired during their study. It also gives students an opportunity to improve their communication skills and work in a team.
C E Capstone Project I I 0104591 (2 Cr. H.)	This course is a continuing step for CE Capstone I (0104590). The course provides our undergraduate engineering students with imperative design experience to prepare them for the Computer Engineering industry. The capstone project is intended to integrate and draw on the knowledge that students have acquired during their study. It also gives students an opportunity to improve their communication skills and work in a team.

Computer Network Protocols 0105400 (3 Cr. H.)	This course introduces concepts and principles in today's networks and various aspects of computer networking, including layered network architecture, TCP/IP suite, client-server and P2P paradigms,application layer protocols application layer protocols (e.g. HTTP, FTP, SMTP, POP3, IMAP, and DNS), packet,delay, packet loss, throughput in packet switched networks, transport layer protocols (TCP/UDP), reliable data transfer, flow control and congestion control, IPv4/IPv6 addressing, subnetting, CIDR, IP packet delivery and routing, Internet Control Message Protocol (ICMP), Dijkstra algorithm, and OSPF.
Network Lab 0105401 (1 Cr. H.)	This lab introduces basic practical concepts of networking. Topic Included: Introduction of OSI layers, TCP/IP and IP addressing and subnet masking; hands-on configuration experience on various network devices including Cisco routers and switches; Use multiple networking tools including Packet Tracer, Wireshark, Putty software, to simulate and troubleshoot basic networks; learn various networking skills including static anddynamic routing, Inter-VLAN routing, Network Address Translation (NAT), Access Control List (ACL),implementing socket programming and traffic analysis.
Computer Network Management 0105411 (3 Cr. H.)	Introduction to methods, techniques and tools for the management of computer networks. Topics include:SNMP network management architecture; Abstract Syntax Notation (ASN) and Basic Encoding Rules (BER);Network management messaging, Network management tools, Remote Monitoring (RMON).
Network Programming 0105420 (3 Cr. H.)	This course introduces the students to the basic concepts of networks programming using Java programming language and its network libraries. The course covers the TCP/IP protocol stack, Internet Addressing and URL,Client-Server Model, Peer-to-Peer Model, I/O Streams, TCP Sockets, UDP Sockets, Multithreading and Multiplexing, Secure sockets, File Handling, Non-Blocking I/O, RMI, CORBA, Servlets, and Web Services.
Emerging Wireless Networking 0105422 (3 Cr. H.)	This course covers the analysis of the enabling physical-layer technologies for emerging wireless networks,wireless networking trends, resources allocation techniques, cognitive and software defined wireless networks, IoT architectures, IoT-based Wireless Sensor Networks, broadband wireless technologies, high throughput WiFi, HSDPA, EVO, UWB, 5G, mobile ad hoc networks, Wireless Networking Evolution, and emerging topics and advances in wireless networking area.
Data and Computer Communications 0106320 (3 Cr. H.)	This course provides an overview of data communication and networks. Topics include: Network topologies,Network models and devices, Data transmission and mediums, Multiplexing, Signal encoding, Error detection and correction techniques, Physical and Data Link Control layers' issues
Signals and Systems Analysis 0106330 (3 Cr. H.)	This course covers the following topics: Continuous- and discrete- time signals and systems, Continuous and discrete linear time-invariant systems. Fourier Analysis: Fourier series and Fourier Transform. Laplace Transform and Z- transform. Matlab is used to study the behavior of signals.
Probability and Random Processes 0106331 (3 Cr. H.)	This course includes discussion of probabilistic models, conditional probability; random variables; distributions and density functions; expectations and characteristic functions; independence; laws of large numbers; central-limit theorem; random process concepts; random signal analysis concepts.
Introduction to Communications Systems 0106340 (3 Cr. H.)	This course includes a review of signals, linear systems and Fourier theory, signals bandwidth and spectra, an analysis of analogue modulation systems (AM, PM and FM), synchronizations, characterization and effect of noise, transceiver architectures of analog systems, and overview of pulse code modulation.
Communication Lab 0106341 (1 Cr. H.)	This course is an introduction to the most common modulation-demodulation techniques for analog and digital signals. The course provides experiments on AM, FM, PM and quadrature AM modulation/demodulation. It also covers digital modulation techniques such as pulse width modulation (PWM), pulse position modulation (PPM), frequency shift keying (FSK), phase shift keying (PSK) and amplitude shifting key (ASK) and Quadrature Phase Shift Keying (QPSK).
Electromagnetic Theory 0106350 (3 Cr. H.)	This course introduces the basic concepts of classical Electromagnetic Theory. Topics include electrostatic fields, Electric Fields in Material Space, Boundary-value problems, magnetostatic fields, waves and propagation, and transmission lines.

Digital Signal Processing 0106430 (3 Cr. H.)	This course includes a review of discrete-time signals and systems properties and representation, sampling of continues time signals. The course will cover digital processing of continuous-time signals, a review of Ztransform, frequency response and impulse response for linear time invariant systems. It also covers the design of Finite impulse response (FIR) filters and infinite impulse response (IIR) filters. Discrete Fourier Series and Discrete Fourier Transform (DFT). Fast Fourier Transform (FFT). Fourier analysis of signals using Discrete Fourier Transform.
Digital Communication 0106440 (3 Cr. H.)	This course reviews probability, random variables and signal representation. It also introduces Quantization, Delta modulation, Noise analysis in PCM and DM systems. The course introduces the concept of digital Modulation/Demodulation techniques for baseband and band-pass signals, Inter-symbol-interference (ISI) and equalization. The course also introduces the concept of error probability analysis for passband digital systems (ASK, PSK, DPSK, FSK and QAM), signal space representation, receiver model and an introduction to error control coding.
Wireless Communications Fundamentals 0106441 (3 Cr. H.)	Introduction, wireless communication systems and standards, mobile radio propagation, large scale path loss and small-scale multi-path fading, Doppler Spread, delay spread and coherence bandwidth, coverage techniques and cellular concept, modulation techniques for mobile radio, access techniques spread spectrum and diversity.
Communication Circuits 0106442 (3 Cr. H.)	This course covers the analysis and design of different communications circuits, including low noise amplifiers, oscillators, passive and active mixers, phase-locked loops, frequency synthesizers and power amplifiers.
Antennas 0106450 (3 Cr. H.)	The course introduces the fundamental principles of antenna theory and electromagnetic radiation. Topics include: Antenna parameters; Radiation Integrals; Dipole and Loop antennas; Travelling-wave antennas; Aperture and Microstrip patch antennas; Linear and planar antenna arrays.
NCE Internship 0106580 (3 Cr. H.)	The Bachelor of Science in Networks and Communications Engineering internship course is designed to enable students to apply their knowledge of networks and communications engineering in real world professional situations. The students work as interns and practice team-based activities related to networks and communication engineering. The internship experience provides the students with an industrial training opportunity through cooperation between the university and the local industry, which can help them in choosing their career path based on hands-on industrial experience. The student should work on site for at least (480 hours (equivalent to 12 weeks of full-time work).
NCE Capstone project I 0106590 (2 Cr. H.)	The capstone I provides the undergraduate engineering students with imperative design experience to prepare them for the Networks and Communication Engineering industry. The capstone project is intended to integrate and draw on the knowledge that students have acquired during their study. It also gives students an opportunity to improve their communication skills and work in a team.
NCE Capstone Project II 0106591 (2 Cr. H.)	This course is a continuing step for NCE Capstone I (0106590). This course provides our undergraduate engineering students with imperative design experience to prepare them for the Networks and Communication Engineering industry. The capstone project is intended to integrate and draw on the knowledge that students have acquired during their study. It also gives students an opportunity to improve their communication skills and work in a team.
Computer Skills 0102120 (3 Cr. H.)	The course is designed to provide basic knowledge of computers and their applications. It will also emphasize the use of computers and technology during their university and future careers. The course discusses a variety of computer applications, including Word processing, spreadsheet, and multimedia presentations. Towards the end of the course, the students explore computer hardware, software, internet generations and their applications. Moreover, ethical issues related to computers software and Internet-based applications will be delivered.
Introduction to Programming 0102220 (3 Cr. H.)	This course introduces principles of computer programming using Java as a programming language. The course introduces the concept of algorithms and trains students to compile and run Java programs. Also, the course includes topics such as simple data types; operators and expressions; variables; input and output; control structures (conditional and repetition statements); methods; libraries; arrays and some of their applications.

Object - Oriented Programming 0102221 (3 Cr. H.)	This course provides students with deep understanding of object-oriented programming concepts. Topics covered include classes, objects, Instantiation, methods, and instance variables, I/O, encapsulation, static fields and static methods, overloading, constructors, scope of declarations, overriding, composition, Java API packages, inheritance, garbage collection, polymorphism, final methods and final classes abstract classes and methods, interfaces, and introduction to GUI.
Computer Organization 0102240 (3 Cr. H.)	This course introduces the fundamentals of computer organization and machine architecture. It covers logical components and circuits, data representations, register transfer, bus and memory transfers, arithmetic micro operations, logic micro operations and shift micro operations, instruction codes, registers, common bus system, timing and control, instruction cycle, register-reference instructions, memory-reference instructions, I/O instructions, design control logic circuits for Basic computer, programming the basic computer, addressing modes, stack, organization of memory, RISC, and CISC. Moreover, the course covers how to generate programs in assembly code and machine code.
Data Structures and Algorithms 0102270 (3 Cr. H.)	This course introduces the main concepts of data structures and algorithms. Topics covered: concepts of Abstract Data Types (ADT), specification of different ADT structures such as: (Bags, Lists, Stacks, Queues, Hash Tables, Trees, Binary Search Trees, and Graphs), Array and Linked Data implementations of these ADTs using object oriented approach, and analyzing algorithm's efficiency in term of time and space storage. In addition, the course will introduce recursion as simple technique for solving complex problems and a detailed comparison of various sorting and searching algorithms.
Introduction to Artificial Intelligence 0114208 (3 Cr. H.)	This course aims to introduce artificial intelligence as an important tool to facilitate learning and reasoning about the world. It covers different topics including: the nature of intelligence; Problem solving techniques including a game playing examples; Knowledge and Reasoning including Planning and acting in the Real World; Uncertain Knowledge and Reasoning including making decisions; and some concepts about learning in real life.
Database Systems 0102330 (3 Cr. H.)	This course introduces the basic concepts of databases, which include database system architecture; entity relationship model; hierarchical, network, and relational data models; functional dependencies and normal forms. Design, implementation, and optimization of SQL query languages with basic relational algebra; and security and integrity.
System Analysis & Design 0102331 (3 Cr. H.)	This course introduces information systems analysis and design techniques. The student will be provided with the knowledge and skills that are necessary for the analysis and design of information systems including: different techniques to elicit system requirements and how to develop business models, data and process models, and object models representing a system. Students will also make use of a Computer Aided Software Engineering (CASE) tool to build those models that capture the specifications of a system. The course includes a software-development project.
Operating Systems 0102340 (3 Cr. H.)	This course covers the basics of operating system concepts starting from its history. The course covers the Processes including process and threads scheduling, inter-process communication, critical section problem, and CPU scheduling It also covers the concepts of Input/output including principles of I/O hardware and software, disk arm scheduling and deadlocks; Memory management including swapping, paging, virtual memory and page replacement algorithms; File systems including File system structures, access, protection and I-nodes.
Formal languages & Automata Theory 0102341 (3 Cr. H.)	The course introduces fundamental concepts in automata theory and formal languages including finite automata (deterministic and non-deterministic finite accepters), regular expressions, regular grammar, regular languages, non-regular languages, context-free grammars, deterministic and non-deterministic pushdown automata, and Turing Machines. The course also covers a hierarchy of formal languages including languages which are recursively enumerable, languages which are not recursively enumerable, unrestricted grammars and context-sensitive grammars and languages.
Design and Analysis of Algorithms 0102370 (3 Cr. H.)	This course provides students with basic concepts of design and analysis of algorithms in a step-by-step manner. It covers divide and conquer method with examples, the course deals with greedy methods and various problems related to greedy method. It also deals with dynamic programming, different types of graphs related problems, branch and bound algorithms, travelling salesman problem and 15-puzzle problem. Various types of traversal and searching techniques are discussed in this course. Finally, the course highlights briefly the NP hard and NP complete problems.

Web Development 0102420 (3 Cr. H.)	This course introduces the basics programming and scripting languages for the Web development. It covers basic concepts of the World Wide Web (WWW), HTML 5, CSS 4, JavaScript 1.8, XML, and PHP 7. The course starts with a general introduction about the fundamentals of WWW and the web programming tools. First, it introduces HTML and XHTML basic syntax, XHTML document structure and text markup, images, Hypertext links, lists, tables, forms, and frames. Second, the course covers Cascading Style Sheets (CSS) including levels, style specs, font and list properties, color and alignment of text. Then, basics of JavaScript are discussed including syntactic characteristics, primitives, operations, expressions, screen output and keyboard input, and control statements. PHP is discussed along with syntactic characteristics, primitives, operations, expressions, output, control statements, arrays and simple functions. Finally, review the basic statements of SQL (DDL, DML) and use MySQL with PHP.
Introduction To Compilers 0102421 (3 Cr. H.)	This course introduces students to the fundamental concepts of compilers. It covers compiler architectures, data types and representation, grammatical production process, properties of grammars, grammar formalism, lexical analysis, lexical versus syntactic analysis, creating a lexical analyzer, transition table compression, symbol tables, bottom-up parsing, top-down parsing, exception handling, Symantec analysis, code generation, preprocessing the intermediate code, optimization techniques, general optimization, code size reduction, and power reduction and energy saving.
Computer Networks 0102450 (3 Cr. H.)	This course introduces concepts and principles in today's networks and various aspects of computer networking, including layered network architecture, OSI and Internet models, client-server and P2P paradigms. Further this course covers computer network architectures, network Layers; network access; physical layer and data link layer, network layer, transport layer protocols (TCP/UD) and application layer protocols (e.g. HTTP, FTP, SMTP, POP3, IMAP, and DNS). Furthermore, the course will introduce IP Addressing (IPv4 and Ipv6 Network Addresses), sub-netting and computer network security.
Distributed Systems 0102451 (3 Cr. H.)	This course introduces the theory of distributed systems, including types and characteristics of distributed system, architecture of distributed system; centralized, decentralized and hybrid architecture. The course also covers communication models of distributed systems, coordination of distributed system, consistency and replication and replication protocols.
Security of Information Systems 0102452 (3 Cr. H.)	This course is introductory to the fundamentals of security of information systems. The students will learn the basic knowledge and fundamentals of information systems security including threats, vulnerabilities, malicious activities, possible attacks on the information systems as well as their countermeasure will be covered. Moreover, information security standards, elements of cryptography, cryptographic system standards, security operations, and administration, access control, and hacking/ethical hacking will be investigated. The course will also focus on security techniques for the protection of information systems.
Computer Ethics 0102453 (3 Cr. H.)	This course addresses a definition of ethics, provides a framework for making ethical decisions, and analyzes in detail several areas of ethical issues that computer professionals are likely to encounter in the workplace.Topics include philosophical, business and professional ethics, software reliability, intellectual property, copyrights, privacy, data mining, and computer security.
Introduction to Computer Graphics 0102460 (3 Cr. H.)	This course introduces basic concepts of computer graphics. It includes graphics geometry, primitives, two and three-dimensional representations. It also covers geometric transformations, window clipping, and computer animation. OpenGL is used to illustrate the techniques and algorithms covered in the course.
Simulation and Modeling 0102480 (3 Cr. H.)	This course covers Modeling and Simulation Process principles; data collection and analysis; Monte Carlo simulation; event scheduling; dealing with uncertainty; confidence intervals; Terminating and steady state analysis; and Input Distribution Modeling. The course will use MATLAB to conduct the modeling and simulation techniques and learned algorithms.

Data and Web Mining 0102481 (3 Cr. H.)	The course introduces principles and techniques of (Web) data mining. Topics include: different data mining techniques such as classification, prediction, clustering and reasoning. The course go through the cycle of data mining starting from collecting the data all the way to evaluating and interpretation the results. Some challenges are covered that are concern with Web data mining in particular such as data integration for ecommerce, Web data warehousing, and Web personalization and recommender systems. The course will use Weka as a data mining tool.
CS Internship 0102490 (3 Cr. H.)	The Bachelor of Science in Computer Science (BSCS) internship course is designed to let students apply their knowledge of mathematics, computer science, and programming in real world professional situations. The students work as interns and practice team-based activities related to computer science. The internship experience provides the students with an industrial training opportunity through cooperation between the university and the local industry, which can help them in choosing their career path based on hands-on industrial experience. The student should work on site for at least (480 hours (equivalent to 12 weeks of full-time work).)
C S Capstone Project I 0102491 (1 Cr. H.)	Capstone-I covers the first phase of the student final year project. The capstone project should include solving a substantial problem with knowledge gained from different areas in computer science. This phase starts with constructing a team to agree and select a topic. A literature review should be prepared to develop the problem statement. The team should develop the project management plan and perform the needed analysis at this stage. At the end of this course, a proposal should be submitted to cover interdisciplinary contents. Proposal should live up to the ethical standards as put forward by international professional bodies such as IEEE.
C S Capstone Project II 0102492 (2 Cr. H.)	Capstone-II starts with translation of proposal identified in Capstone-I into implementable design. This involves developing a suitable prototype and/or work development and to submit a first demo from the agreed system. The proposed analysis in Capstone-I should take place in this course in details. The course ends with a final product that should meet the user/problem requirement and needs. The output should live up to ethical standards as put forward by international professional bodies such as IEEE.
Foundation of Software Engineering 0103220 (3 Cr. H.)	This course introduces basic concepts of software engineering by focusing on software engineering process: development and maintenance. The course covers the software engineering lifecycle models and deliverables; requirements analysis and specification; architectural and detailed design; verification and validation and software maintenance issues. The Visio 2016 is used as CASE Tool for drawing diagrams covered in 'System Models' Chapter.
Software Requirements and Specifications 0103320 (3 Cr. H.)	This course introduces requirements engineering within software life-cycle: requirements elicitation and modeling issues and techniques; documentation and management of requirements; standards and CASE tools; cognitive and socio-organizational issues.
Software Design and Development 0103330 (3 Cr. H.)	The Software Design and Development course is designed to teach students the knowledge, understanding, skills and values to solve problems through the creation of software solutions. The course introduces students to the nature of software design, design process, agile-based design, architectural design and distributed architecture. It also introduces popular design frameworks, such as object-oriented design, function-oriented design, and aspect-oriented design. The course is concluded with user interface design and its contemporary design issues.

Formal Specifications and Design Methods 0103331 (3 Cr. H.)	Complex and large software system often have complicated control structures involving concurrency and real time interactions, which makes their development a challenging task. One of the best method of developing these kind of systems is using mathematical and logical tools (so-called formal methods). In this course, we will study formal methods in detail and their usage in requirements specification and software design. The course will start with introduction of formal specification, algebraic specification, and specification in Z language. Requirements and design strategies using Z language will be taught in detail. Design formal methods such as state charts and Petri-net models will also be covered thoroughly. The course will also introduce students with model checking using TLA+ and Alloy Analyzer. Object-Oriented formal language, OCL, will be taught with implementation on real-life complicated systems. The course will be concluded with software verification and validation methodologies.
Software Project Management 0103420 (3 Cr. H.)	This course develops the basic principles of project management, including concepts of project management process: initiation, planning, execution, monitoring & controlling, and closing. The course also introduces fundamentals of the main project management knowledge areas: integration, project scope, time management, cost estimation, quality, human resources and communications management. Moreover, this course presents project selection methods, importance of creating a project charter and scope management. The course also introduces Gantt chart and PERT for project planning and discusses different methods of cost estimation.
Object-Oriented Analysis &Design 0103430	This course introduces the object-oriented analysis and design, which includes the Unified Process development cycle; object oriented principles (encapsulation, inheritance, polymorphism), use case analysis; Unified Modeling Language (UML), dynamic and static diagrams; design principles (coupling and cohesion) and design patterns. The course includes a large-scale software-development project.
User Interface Design 0103431 (3 Cr. H.)	In this course, students will learn principles of designing, developing and testing appealing and effective user interface (UI) and user experience (UX) for desktop, web and mobile applications. They will learn about UI and UX design patterns, usability testing, and learnability. Issues and guidelines of designing modern and contemporary interfaces of small screened devices, such as Android and iPhone, will also be part of the course. The growing field of Big data demands effective data visualization on modern devices. We will learn methods and best practices to present such information in an effective manner on the applications along with creation and testing of modern Dashboards.
Agent-Based Modelling 0103432 (3 Cr. H.)	The course addresses the details of designing agent-based modelling (ABM) to solve specific problems of real systems, implementing models in Net Logo software, and analyzing models to develop theoretical understanding and predict system behaviors. The course starts with the basics of modeling by introducing a standard format—the Overview, Design concepts, and Details (ODD) protocol—for describing and thinking about designing ABMs. The course then introduces the basic concept of agent-based modeling and ways that the concept is often implemented. The course finishes by reinforcing and expanding Net Logo programming skills related to the concept.
Software Measurement and Testing 0103440 (3 Cr. H.)	This course is an introduction to software testing and metrics within the context of software quality engineering: module and unit testing; integration and acceptance testing; quality factors and metrics; verification and validation; review and inspections; reliability, security and safety assurance; and automated software testing.
Software Evolution and Maintenance 0103441 (3 Cr. H.)	This course provides concepts and advanced technologies in software evolution: Program comprehension; construction of reusable software; separation of concerns; techniques for reverse engineering and reengineering software; design for change layered design and incremental; and also analyze an existing system, explore possible change strategies, and construct a plan for evolving each of the systems major components.

Secure Software Engineering 0103443 (3 Cr. H.)	This course covers the design and implementation of secure software. Some of the topics covered are the characteristics of secure software, the role of security in the development lifecycle, designing secure software, and best security programming practices. Security for web and mobile applications will be covered.
SE Internship 0103480 (3 Cr. H.)	The Bachelor of Science in Software Engineering (BSSE) internship course is designed to let students apply their knowledge of mathematics, software engineering, and programming in real world professional situations. The students work as interns and practice team-based activities related to software engineering. The internship experience provides the students with an industrial training opportunity through cooperation between the university and the local industry, which can help them in choosing their career path based on hands-on industrial experience. The student should work on site for at least (480 hours (equivalent to 12 weeks of full-time work).)
SE Capstone Project I 0103490 (1 Cr. H.)	Capstone-I starts with identification of a problem that could be resolved using software engineering techniques. Candidate solutions are considered to identify the most suitable solution depending on the nature, scope and context of the problem. The literature is reviewed to document the domain knowledge and existing similar solutions. It is followed by collection of requirements. Various techniques such as, surveys, interviews, questionnaires and study of relevant literature, are used to gather functional, non-functional and system requirements. The requirements are elaborated and specified using the selected software analysis and design methodology. This course concludes with preparation of an early design document and documentation of all the research work done during the semester. The team (2-4 members) is supervised by a faculty member. Several intermediate deliverables in addition to a final report and a presentation are submitted/delivered during the semester.
SE Capstone Project II 0103491 (2 Cr. H.)	Capstone-II starts with translation of specifications of the system identified in Capstone-I into implementable design. This involves designing system's requirements and modules in UML or another selected design framework. The design is approved by the supervisor and documented in the project's report. The next step is to develop prototypes of the system to get prospective users' feedback. The design is altered as per the feedback and is finalized. The implementation of the system starts in the next phase in the most suitable programming language and technology. The system is thoroughly tested and refactored after being implemented. The last step is to document all the activities of the project in form of a report. The same capstone 1 team (2-4 members) is supervised by the same capstone 1 supervisor. Several intermediate deliverables in addition to a final report and a presentation are submitted/delivered during the semester.
Computer Aided analysis and Design 0111200 (3 Cr. H.)	The course introduces the representations and analysis of systems of orthographic projection and graphical methods used in engineering design and production. It also covers Introduction to CAD, Mechanical Design Process, Basic Part CAD modeling, Complex Parts and Surfaces, Detailing and Blueprint Creation, Introduction to AutoCad, Assembly, Engineering Property and File Creation, Design Project correlated with technical sketching.
Statics 0111210 (3 Cr. H.)	This course gives view of Forces; Free Body Diagrams; Equilibrium of Simple Objects; and Machines and Structures Joined by Engineering Connections, Trusses, Friction, and Moments of Inertia.
Mechanics of Materials 0111211 (3 Cr. H.)	This course covers the Analysis of stresses, Analysis of Strain, Stress- Strain relations, Torsion, Bending of Beams, Deflection of Beams, Columns, and Springs, and Combined effects of Stresses.
Dynamics 0111212 (3 Cr. H.)	This course deals with dynamics of particles and rigid bodies, reviews of momentum and energy principles, applications of free-body diagram, Newton's second law, the work energy principle and the impulse momentum techniques to solve certain dynamic problems.

Geology 0111220 (3 Cr. H.)	This course covers the basics of Rock and mineral types, soil properties, rock mechanics, geologic structures, active tectonics and earthquake hazards, slope stability and landslides, groundwater, rivers and flood hazards.
Surveying 0111230 (3 Cr. H.)	This is an introductory course to plane surveying as related to the construction industry. Emphasis is placed on obtaining field skills in linear measurement and the operation of levels, transits, theodolites and total stations. Elevations, horizontal, vertical, and spiral curves are explored.
Surveying Lab 0111231 (1 Cr. H.)	The course includes instruments and tools that students use throughout the surveying course. Students learn techniques for gathering field data with both traditional and modern instruments.
Construction Materials 0111310 (3 Cr. H.)	General treatment of physical and mechanical properties and engineering behavior of metallic and nonmetallic materials. Steel, aluminum, aggregates, cement concrete, bituminous materials, and asphalt concrete, wood. Laboratory testing, instrumentation, and investigation into macro-behavior. Sustainability issues including recycling, energy requirements, and greenhouse gas production associated with the materials
Materials Lab 0111311 (1 Cr. H.)	Introduction to civil engineering materials laboratory and design of experiments, with focus on mechanical and physical properties of construction materials; including measurement of strains, deformations, and forces using laboratory measuring devices and equipment, experiments on aggregates, Portland cement, concrete, masonry, and steel. In particular, the lab will concentrate on concrete mix design and the mechanical properties of concrete.
Structural Analysis 0111312 (3 Cr. H.)	Covers stability and determinacy of structures; force calculation in trusses; axial load, shear and bending moment diagrams for beams and frames; approximate analysis of indeterminate frames; analysis of cables and arches; deflection calculations; influence lines for determinate structures; and analysis of statically indeterminate structures using the slope deflection method. Uses commercial software for structural analysis
Design of Steel Structures 0111413 (3 Cr. H.)	This course introduces the fundamentals of steel structures and design methods, Steel sections, Load factors and load combinations, Design of various steel elements using LRFD-method, Design of tension and compression members, Elastic and inelastic stiffness of columns, Beam design: Compact section, lateral torsional buckling, and various design aspects of beams, Design of steel members subject to biaxial moments, and Design of simple bolted and welded connections. This course includes software applications using ETABS.
Geotechnical Engineering 0111320 (3 Cr. H.)	Studies physical properties of soils, classification systems, soil structure and soil water systems, effective stress principle and stresses in soil due to applied loads. Includes the following topics: compressibility, consolidation and swell; permeability and seepage analysis; soil compaction; stress-strain-shear strength relationships of soils; failure criteria; direct and triaxle shear testing; and soils used in construction.Introduces lateral earth pressures.
Geotechnical Engineering Lab 0111321 (1 Cr. H.)	This laboratory course is designed to provide insight and experience into Soil Description and Identification, Moisture Content, Sieves and Hydrometer Analysis; Atterberg Limits (Liquid, Plastic and Shrinkage Limits);Compaction; Permeability tests (constant and falling head); Consolidation; Direct Shear; Unconfined Compression test; and Triaxial Compression test.

Transportation Engineering 0111330 (3 Cr. H.)	Characteristics of transportation supply and demand; measuring and estimating demand; social and environmental impacts; planning of transportation systems; characteristics of transportation modes; interaction between modes; mode interfaces; transportation technology; economics; public policy, implementation and management; including software applications.
Fluid Mechanics 0111340 (3 Cr. H.)	This class provides students with an introduction to principal concepts and methods of fluid mechanics. Topics covered in the course include: Hydrostatics, continuity, irrational flow, pressure distributions, weirs and gates, momentum and energy, surface drag, pipe friction, form drag, and pipe fitting losses.
Fluid Mechanics and Hydraulics Lab 0111341 (1 Cr. H.)	The mechanics and hydraulics laboratory explores the principles of fluid mechanics through laboratory experiments and investigates various hydraulic phenomena and demonstrates basic civil engineering design principles for pipe networks and open channel systems.
Reinforced Concrete Design I 0111410 (3 Cr. H.)	An introductory course for analysis and design of reinforced concrete structures based on the ultimate strength design method; LRFD approach. The covered topics include: limit-state design; loads and load combinations; rectangular beams and one-way slabs, T-beams, doubly-reinforced beams; bond and development length; serviceability; short columns subject to axial load and bending; including use of analysis and design software package (ETABS).
Foundation Engineering 0111420 (3 Cr. H.)	The course covers the following topics: Soil Mechanics; Geotechnical Site Characterization; Shallow Foundations; Lateral Earth pressure; Retaining Walls; Plie Foundations and Axial Load Capacity of pile Foundations, including computer applications.
Highway Engineering 0111430 (3 Cr. H.)	This course is about exploring driver and vehicle characteristics, stopping and passing sight distances, cross section elements, vertical and horizontal alignment, intersections and interchanges, surface drainage, types of pavements, and principles, theoretical concepts and design of flexible and rigid pavements.
Environmental Engineering 0111440 (3 Cr. H.)	Covers materials balance, reaction kinetics and reactor theory. Introduces water quality parameters, modeling, and source assessment; and planning and design of water and wastewater treatment methods and unit operations. Includes physical, chemical and biological phenomenon governing water and wastewater treatment steps; air quality standards and air quality treatment and control; solid waste planning and management; and hazardous waste treatment and management. Sustainability issues including material recycling, waste disposal, grey water recycling, and land disposal.
Environmental Engineering Lab 0111441 (1 Cr. H.)	Includes experiments in environmental engineering, wastewater treatment, water quality, surface and ground water hydrology. Includes sampling, physical, chemical and bacteriological analysis of water and wastewater. Utilizes standard test methods and equipment for measurement of important environment parameters. Covers sampling methods and data presentation. Includes experiments and operation of water and wastewater treatment processes, soil and air quality, and the control of the quality of natural water.
Water Resources Engineering 0111442 (3 Cr. H.)	This course includes different topics related to water resources such as ground water resources, water laws and reservoirs. Principles of hydrology. Topics in arid and semi-arid region water resources and reuse of water. In addition to topics related to pipe networks, open channel flow and hydraulic machinery.
Engineering Economics 0111450 (3 Cr. H.)	This course addresses the Engineering economics and cost concepts, as well as the time value of money. Topics include worth of investments and economic evaluation of alternative choices, depreciation methods and tax incentives, analysis of public sector projects, risk and uncertainty in economic evaluation.

Internship 0111480 (3 Cr. H.)	The Bachelor of Science in Civil Engineering internship course is designed to enable students to apply their knowledge of civil engineering in real world professional situations. The students work as interns and practice team-based activities related to civil engineering. The internship experience provides the students with an industrial training opportunity through cooperation between the university and the local industry, which can help them in choosing their career path based on hands-on industrial experience. The student should work on site for at least (480 hours (equivalent to 12 weeks of full-time work).)
Pre-stressed Concrete Design 0111510 (3 Cr. H.)	This course teaches the basic principles of pre-stressed concrete design and applications. The covered topics include: analysis and design of pre-stressed concrete beams, cracking, pre-tensioning, post-tensioning, service load design, load balancing, strength design, strain limits, flexural efficiency, bond, transfer and development lengths, anchorage zone design, shear and diagonal tension, immediate and long-term losses, and deflection calculations.
Reinforced Concrete Design II 0111511 (3 Cr. H.)	This course teaches the fundamentals of analysis and design of advanced reinforced concrete members based on the ultimate strength design method; LRFD approach. The covered topics include: doubly-reinforced beams & T beams, continuous beams, building frames, two-way slabs, footings, slender columns, and torsion
Bridge Engineering 0111512 (3 Cr. H.)	This is an introductory course to bridge design. The covered topics include: types of bridges; materials of bridge construction; bridge loads and design philosophy; AASHTO LRFD specifications; design of bridge deck slab; influence lines and application of live loads; AASHTO girder distribution factor (DF); T-beam and slab bridge design; and introduction to bridge inspection.
Earthquake Engineering 0111513 (3 Cr. H.)	This is an introductory course to Earthquake Engineering. The covered topics include: origin and characteristics of earthquake, structural dynamics; vibration characteristics of building, periods and mode shapes, response spectrum, earthquake-induced forces and displacements; inelastic behavior; force reduction and ductility requirements for concrete and steel material; international building seismic codes IBC, seismic design and provisions of reinforced concrete frames and shear walls according to ACI code.
Advanced Geotechnical Engineering 0111520 (3 Cr. H.)	It introduces mechanical properties of rocks and rock formations. Underground openings in rocks are discussed along with slope stability of stratified formations. Foundations on rocks, rock bolting, and introduction of soil dynamics are introduced. Wave propagation in one and two dimensions in elastic media, seismic waves, foundations subjected to dynamic loading and theory of liquefaction are also explained.
Geographic Information Systems - GIS 0111530 (3 Cr. H.)	This course introduces the hardware and software components of a Geographic Information Systems and reviews GIS application. Topics include data structures and basic functions, methods of data capture and ources of data, and the nature and characteristics of spatial data and objects.
Waste Water Engineering 0111540 (3 Cr. H.)	The course covers the following topics: Wastewater and storm water systems; Wastewater generation; Wastewater treatment: physical, chemical, and biological unit processes. Advanced wastewater treatment; and Sludge treatment and disposal

Air Pollution Engineering 0111541 (3 Cr. H.)	The course covers the following topics: Types of air pollutants; Sources of air pollutants, effects of air pollutants on health, vegetation, materials, and the atmosphere; Meteorological considerations, dispersion of pollutants in the atmosphere, distribution and cleansing of particle matter, atmospheric photochemical reactions; Particulate pollutant control, source correction, cooling treatment; control of gaseous pollutant, point sources, and their measurement techniques.
Construction Management 0111550 (3 Cr. H.)	This course explores professional practice as a constructor, requiring an understanding of the working and contractual relationship among all participants in any project process. The course will give an overview of all aspects of managing a project; from initial planning to completion, including budgets, estimating, scheduling, financing and creating contracts and other construction forms as necessary, including computer applications
Project Management 0111551 (3 Cr. H.)	This course develops the basic principles of project management, including concepts of project management process: initiation, planning, execution, monitoring & controlling, and closing. The course also introduces fundamentals of the main project management knowledge areas: integration, project scope, time management, cost estimation, quality, human resources and communications management. Moreover, this course presents project selection methods, importance of creating a project charter and scope management. The course also introduces Gantt chart and PERT for project planning and discusses different methods of cost estimation
Special topics in civil engineering 0111581 (3 Cr. H.)	This course may be offered in 4th or 5th year upon the recommendation of the Department and approval of the College Council. The course contents will be selected to complement the available elective courses.
Capstone I 0111590 (1 Cr. H.)	The capstone I course provides the undergraduate engineering students with imperative design experience to prepare them for the Civil Engineering industry. The capstone project is intended to integrate and draw on the knowledge that students have acquired during their study. It also gives students an opportunity to improve their communication skills and work in a team.
Capstone II 0111591 (3 Cr. H.)	This course is a continuous step for the civil engineering Capstone I. This course provides the undergraduate students with imperative design experience to prepare them for the Civil Engineering industry. The capstone project is intended to integrate and draw on the knowledge that students have acquired during their study. It also gives students an opportunity to improve their communication skills and work in a team.
Computer Security Fundamentals 0112200 (3 CR.H.)	This course introduces the information security in today's world. This course will assist the student in learning how to assess attacks and threats. The students will discover and understand the various computer security encryption algorithms (steganography, private and public key cryptography), where the students will figure out how the mathematical techniques can enhance the encryption algorithms. Finally, the course will address the hash function uses, digital signature, public key certificates and computer network security.
Ethical Hacking 0112201 (3 CR.H.)	This course provides the necessary knowledge to strengthen students' skills to identify hacking risks and to apply techniques/tools to prevent them. Students are introduced to hacking introductory, information gathering methods and Foot printing, scanning networks, Enumeration, vulnerability analysis, System hacking, Sniffing, Denial of Service, SQL injection. Students will be taught the ethics associated with the learned methods in this course through the EC-Council learning platform, and become aware to not carry out any of the hacking exercises in an open networked environment. This course introduces tools, techniques, and methodologies used by hackers and information security professionals to lawfully hack an organization.

Risk Assessment & Management 0112300 (3 CR.H.)	This course explains in a detailed approach the risk management strategy and the process of managing risks,starting by the identification stage, and followed by the initial assessment and the response and mitigation stage. The course covers the following topics: Risk assessment and management definitions and concepts,understanding the various risks, performing risk assessment to identify threats and vulnerabilities, Risk analysis and management, Decision making in risk management, Qualitative assessment, Risk classification,effective control and event risk management, risk remediation and response, and long term risk tracking plans, Risk Management Modeling & Tools.
Cybersecurity Law & Policy 0112301 (3 CR.H.)	The course broadly covers the legal duty to act reasonably and responsibly to protect assets and information.Identify which cybersecurity laws have the potential to impact cybersecurity program. It also casts light on broader technology issues to demonstrate the interdisciplinary influences and concerns that must be addressed in developing or implementing effective national cyber security laws and policies. Furthermore, the course covers the international standard security policies, and legal considerations related to cyber security and cyberspace.
Computer Forensics 0112302 (3 CR.H.)	This course provides a foundation in the field of Computer and Digital Forensics. The students are expected to safely locate and secure computer evidence and carry it for further analysis by lawful enforcement Offices to be used in court of law. Collecting, analyzing, correlating the cyber data and use it as legal evidence in the court. Topics covered include: cyber-crimes and the need for computer forensics, digital forensics, privacy issues, legal codes; and possible cyber countermeasures. The course will also provide best practices for general incidence response, the tools and techniques to perform a full computer forensic investigation, methods and standards for evidence extraction, e-mail investigations, image file recovery, and evidence preservation. Topics such as expert witness testimony and deposition of legal evidence in a court of law will be covered.
Servers, Datacenters and Cloud 0112303 (3 CR.H.)	This course explains the basics of cloud-based networks and data center. To achieve that, the course starts by introducing cloud technologies in general. Then, the course illustrates how data centers on the cloud networks use distributed systems for network virtualization and storage data centers. Networking technologies and Software Defined Networks (SDN) that made cloud data center possible will be discussed. Data centers evaluations from private and enterprise to public data centers in the cloud networks and security of data centers and cloud environment also will be covered. The course offers hands-on experience through some internal lab sessions.
Servers, Datacenters and Cloud 0112303 (3 CR.H.)	This course explains the basics of cloud-based networks and data center. To achieve that, the course starts by introducing cloud technologies in general. Then, the course illustrates how data centers on the cloud networks use distributed systems for network virtualization and storage data centers. Networking technologies and Software Defined Networks (SDN) that made cloud data center possible will be discussed. Data centers evaluations from private and enterprise to public data centers in the cloud networks and security of data centers and cloud environment also will be covered. The course offers hands-on experience through some internal lab sessions.
Cryptography and Computer Network Security 0112304 (3 CR.H.)	This course introduces the basics of cryptography and its application to computer-network security services and mechanisms. It covers an overview of network security, security attacks, security services, security mechanisms, symmetric cipher, substitution techniques, transposition techniques, rotor machines, steganography, block cipher principles, differential and linear cryptanalysis, Data Encryption Standard (DES),Simplified-DES, Euclidean Algorithm, modular arithmetic, finite fields of the form GF(p), polynomial arithmetic,finite fields of the form GF(2∧n), Advanced Encryption Standard (AES), Simplified-AES, asymmetric cipher model, principles of public-key cryptosystems, RSA Algorithm, digital signatures, mutual authentication and key distribution protocols, Message Authentication Codes (MACs), and web security issues.

Information Security Management and Governance 0112305 (3 CR.H.)	This course provides detailed knowledge of the concepts relating to information security; (confidentiality,integrity, availability, vulnerability, threats, risks and countermeasures), along with an understanding of current legislation and regulations which impact the management and governance of information security within an organizational context. Consideration is given to the need for related policy, analysis of risk, and the management of organizational assets in accordance to their work structure including financial institutions,health care facilities, public utilities, and e-government. Coverage also includes legal and personnel aspects of security, giving an overview of the wide range of laws and regulations governing systems & information security.
Information Security Management and Governance 0112305 (3 CR.H.)	This course provides detailed knowledge of the concepts relating to information security; (confidentiality,integrity, availability, vulnerability, threats, risks and countermeasures), along with an understanding of current legislation and regulations which impact the management and governance of information security within an organizational context. Consideration is given to the need for related policy, analysis of risk, and the management of organizational assets in accordance to their work structure including financial institutions,health care facilities, public utilities, and e-government. Coverage also includes legal and personnel aspects of security, giving an overview of the wide range of laws and regulations governing systems & information security.
Secure Systems Architectures and Mechanisms 0112306 (3 CR.H.)	This course provides the knowledge about systems security architectures and mechanisms. This course presents an overview of security principles and mechanisms including: threats, security mechanism for symmetric and asymmetric encryptions, access control, recovery, database and cloud security, denial of service, operating systems security, intrusion detection, firewalls, human resources security, security auditing,and network security.
Intrusion Analysis and Incident Management 0112307 (3 CR.H.)	This course examines the field of intrusion prevention, detection methods and response and the role it plays within modern information security systems. It will introduce key concepts in the analysis of network traffic for signs of intrusions, reporting intrusions, as well as the process of responding to computer incidents
Secure Programming 0112311 (3 CR.H.)	This course explains secure software concepts and explore basic security principles and design methods. Software project risk assessment and management, regulatory requirements are examined within the context of software development lifecycles to prepare the student for a deeper study of secure coding. The course introduces the secure programming concepts and processes including: designing secure software, writing secure code that can protect computer systems against attacks, and secure programming testing (static and dynamic testing). This course focuses on security issues to be considered during program development, common security vulnerabilities and flaws, and security threats. Students should be able to write and analyze program codes based on specific security programing techniques.
Mobile Applications and Security 0112401 (3 CR.H.)	The course introduces the students to the different tools used in software design and mobile application development to secure and protect the client's information. Key topics covered in this course include: software design and development process, common web software and application vulnerabilities, Security Essentials, Security Tools, Secure Session Management, Secure Session Storage, Account Registration Client Server Validation, mobile location and Cloud Security.
Emerging Technologies: IoT and Cloud 0112403 (3 CR.H.)	This course explains the basics of Internet of Things (IoT) and cloud-based network. To achieve that, the course starts by introducing an overview of the IoT and Cloud Computing concepts, infrastructures and capabilities. The course will enable students to gain the essential knowledge to construct IoT systems and use cloud services for processing and storage of the data produced by the IoT devices. The focus will be placed on the architecture and design of IoT, technologies (wireless/mobile/sensor) and the migration of the data to the Cloud for handling and processing. This course also targets to develop understanding of the underlying principles of Cloud Computing and IoT systems.

Cyber Competition 0112405 (3 CR.H.)	This course provides preparatory techniques for the participation in cyber competitions. Topics include network monitoring using Wireshark, port scanning using Nmap, encryption and tunneling techniques, cyberattacks, cyber defense mechanisms, penetration and exploit tools, defenses against Malware, computer forensics and steganography. Team cooperation is necessary to perform and strengthen learned skills.
Cyber Competition 0112405 (3 CR.H.)	This course provides preparatory techniques for the participation in cyber competitions. Topics include network monitoring using Wireshark, port scanning using Nmap, encryption and tunneling techniques, cyberattacks, cyber defense mechanisms, penetration and exploit tools, defenses against Malware, computer forensics and steganography. Team cooperation is necessary to perform and strengthen learned skills.
Big Data from Social Networks 0112406 (3 CR.H.)	This course teaches students basic concepts of big data analytics while emphasis will be given to security. The course covers Big Data Fundamentals, including the characteristics of Big Data, the sources of Big Data, and the imposed challenges by Big Data. In this course, students will evaluate main privacy and security demands raised by big data and associated technologies. These technologies offer several benefits but also create risks to the individual and national security.
Cyber Warfare 0112407 (3 CR.H.)	This course provides an overview of the rapidly changing face of cyber warfare and the potential impact caused from using it for strategic or military purposes. Topics covered in this course include: cyber threat scape, cyber battlefield, cyber doctrine, cyber warriors, as well as new concepts such as modern asymmetric warfare, advanced persistent threats, and the virtualization of security. The course will also cover logical, physical and psychological weapons related to cyber warfare in international and local communities. Student will explore the fundamentals of computer networks attacks and defense mechanisms, the foreign actors in computer networks operations, the impacts of cyber warfare on the legal systems, cyberspace challenges and the future of cyber warfare.
Internship 0112480 (3 CR.H.)	The Bachelor of Science in Cybersecurity (BSCY) internship course is designed to let students apply their knowledge of mathematics, security, risk management, and programming in real world professional situations. The students work as interns and practice team-based activities related to cybersecurity. The internship experience provides the students with an industrial training opportunity through cooperation between the university and the local industry, which can help them in choosing their career path based on hands-on industrial experience. The student should work on site for at least (480 hours (equivalent to 12 weeks of full-time work).)
Capstone Project I 0112490 (1 CR.H.)	Capstone Project I covers the first phase of the student final year project. The capstone project should include solving a substantial problem with knowledge gained from different areas in cybersecurity. This phase starts with constructing a team to agree and select a topic. A literature review should be prepared to develop the problem statement. The team should develop the project management plan and perform the needed analysis at this stage. At the end of this course, a report should be submitted to cover interdisciplinary contents. The report should live up to the ethical standards as put forward by international professional bodies such as IEEE. The team is supervised by a faculty member. Several intermediate deliverables in addition to a final report and a presentation are submitted/delivered during the semester.

Capstone Project II 0112491 (2 CR.H.)	Capstone Project II starts with translation of the report identified in Capstone Project I into implementable design. This involves developing a suitable prototype and/or work development and to submit a first demo from the agreed system. The proposed analysis in Capstone Project I should take place in this course in details. The course ends with a final product that should meet the user/problem requirement and needs. The output should live up to ethical standards as put forward by international professional bodies such as IEEE.The team is supervised by a faculty member. Several intermediate deliverables in addition to a final report, a presentation, and a system demo are submitted/delivered during the semester.
Engineering Statics and Dynamics 0108110 (3 CR.H.)	This course covers the foundational concepts of engineering mechanics, emphasizing the study of forces, moments, and motion. Key topics include static equilibrium of rigid bodies, structural analysis of trusses and frames, and the kinematics and kinetics of particles and rigid bodies. Students will apply principles such as Newton's laws, work-energy, and impulse-momentum to address practical engineering challenges. The course focuses on developing problem-solving skills, critical thinking, and the application of statics and dynamics in designing mechanical systems.
Introduction to Artificial Intelligence 0114208 (3 CR.H.)	This course aims to introduce artificial intelligence as an important tool to facilitate learning and reasoning about the world. It covers different topics including: the nature of intelligence; Problem solving techniques including a game playing examples; Knowledge and Reasoning including Planning and acting in the Real World; Uncertain Knowledge and Reasoning including making decisions; and some concepts about learning in real life.
Fundamentals of Circuits and Electronics 0114210 (3 CR.H.)	This course is an introduction to electric and electronic devices and circuits. Topics include various circuit analysis techniques and theorems, energy storage devices, operational amplifiers, diodes, field effect transistors, and bipolar junction transistors.
Circuits and Electronics Lab 0114211 (1 CR.H.)	This course is a lab-based course that provides hands on experience on circuits and electronics. The course comprises a set of weekly lab experiments that cover the fundamental concepts of circuits and electronics. LTSpice software tool is also used throughout the course to simulate different circuits and verify their functionality.
Robotics Fundamentals 0114212 (3 CR.H.)	This course introduces the basics of robotic system modeling and design with a brief emphasis on geometry, kinematics, statics, dynamics, and control. The course will discuss coordinate systems, navigations, avoidance of obstacles and path planning using several techniques and various types of sensors. The course will discuss other topics such as forces and velocities, localization kinematics and Manipulators, trajectory generation and state estimations.
Control Systems 0114213 (3 CR.H.)	This course provides an introduction to control systems, mathematical modeling, and characteristics and performance of feedback control systems. Topics also include stability with Routh-Hurwitz criterion and Root- Locus method, industrial controllers, time-domain and frequency-domain analysis, Nyquist criterion, Bode plot, and state variable concepts. Labs with Matlab and Simulink are an integral part of this course. Matlab and Simulink are an integral part of this course.

Control Lab 0114214 **(1 CR.H.)**	The Control Systems Lab provides hands-on experience in analyzing and designing control systems. Students will explore the characteristics of servomotors, synchro pairs, and compensating networks, as well as implement position control, temperature control, and level control systems. The lab focuses on time and frequency domain analysis, including step response, stability, and compensator design. Practical experiments with PID controllers and control system components enable students to gain a deeper understanding of real-world applications and dynamic system behavior, preparing them for advanced studies and industry challenges.
Robot Sensing 0114313 **(3 CR.H.)**	This course introduces foundational concepts and techniques for sensing in robotics. Topics include sensor technologies such as LiDAR, cameras, and ultrasonic sensors; sensor integration; calibration techniques; and signal processing for robotic applications. The course covers environmental mapping, object recognition, and navigation using sensing data. Students will also explore algorithms for filtering, data fusion, and noise reduction, with practical applications through hands-on projects
Design of Robotics Systems 0114314 **(3 CR.H.)**	This course covers the fundamental principles of designing robotic systems, including mechanical design, actuation, sensing, control, and system integration. navigations, avoidance of obstacles and path planning using several techniques and various types of sensors. The course focuses on the design of robotics systems components, kinematics and Manipulators, localization and trajectory generation.
Robotics Lab 0114315 **(1 CR.H.)**	The course provides hands on introduction to modeling, control, path planning, sensing and perception aspects of robotics. We will conduct several exciting experiments on different robotic platforms such as Q-bot, quadcopter, robot manipulator. The students will get an experience of hands-on implementation of planning, sensing, and control algorithms for several practically relevant experiments.
Fundamentals of Data Science 0114320 **(3 CR.H.)**	This course introduces the interdisciplinary field of Data Science, focusing on the scientific methods, processes, algorithms, and systems used to extract insights and knowledge from data. Students will explore the core processes of Data Science, including data acquisition, cleaning, modeling, visualization, and interpretation. Students will engage in hands-on activities using Python and open-source analytical tools to apply foundational concepts in programming, statistical inference, and mathematical reasoning. The course also introduces ethical, legal, and social considerations in data analysis. Instructional methods include lectures, discussions, case studies, and practical programming assignments.
Machine and Deep Learning 0114321 **(3 CR.H.)**	This course covers the theory and practice of machine learning. It explores topics such as feature engineering and data pre-processing. Several popular supervised and unsupervised learning algorithms are covered: linear regression, decision trees, k-nearest neighbor, Bayesian learning, support vector machines, neural networks and k-means. Also covered are statistical learning methods and reinforcement learning. Evaluation strategies are also covered. The course trains students using Python's most popular ML libraries for implementing learning systems. Applications covered in the course include face recognition, document classification, and recommender systems.
Machine Learning Lab 0114322 **(1 CR.H.)**	The experiments in this course aims to provide students with practical skills to implement, evaluate, and interpret machine and deep learning models using real-world data. Through hands-on tasks in Python, students will be able to bridge theoretical knowledge with practical problem-solving in data-driven environments using tools like Scikit-learn, TensorFlow, and PyTorch.

Natural Language Processing 0114323 (3 CR.H.)	This course introduces the concepts of statistical Natural Language Processing (NLP) and text analysis. Topics include basic text processing, language models, text classification, sentiment analysis, part-of-speech tagging, vector semantics, parsing, natural language generation, and Information extraction. The course focuses on practical applications and uses Python toolkits for hands-on application of the NLP theory covered in class.
Artificial Intelligence Programming 0114324 (3 CR.H.)	This course introduces students to programming in Python with applications in artificial intelligence. The aim is to provide students with sufficient Python programming skills and knowledge necessary for subsequent courses in the artificial intelligence major.
Cloud Computing for Artificial Intelligence 0114421 (3 CR.H.)	This course offers a comprehensive study of cloud computing principles with a strong focus on enabling and deploying artificial intelligence (AI) solutions in cloud environments. It begins with foundational concepts such as distributed and parallel computing, cloud architectures, and service delivery models (IaaS, PaaS, SaaS). Students explore the capabilities of leading cloud platforms—including AWS, Google Cloud, Microsoft Azure, and IBM Cloud—and learn how to leverage their AI and machine learning services for real-world applications. The course covers open-source cloud platforms, virtualization technologies, and containerization tools like Docker and Kubernetes, emphasizing their roles in scalable AI deployments. Students gain practical skills in building and managing AI workflows, integrating cloud-based storage and databases, and using big data tools such as Hadoop and Spark to support intelligent
Intelligent Robotics 0114411 (3 CR.H.)	This course provides an in-depth exploration of intelligent robotics, emphasizing the integration of artificial intelligence (AI) techniques with robotic systems. Topics include perception, motion planning, control, learning, and human-robot interaction. Students will engage with theoretical concepts, computational algorithms, and practical applications, culminating in hands-on projects to design and implement intelligent robotic systems.
Statistical Machine Learning 0114422 (3 CR.H.)	This course introduces students to the foundational principles and techniques of machine learning through a statistical lens. Topics include supervised and unsupervised learning, model evaluation, and key algorithms such as regression, classification, and clustering. Students will learn to apply statistical methods to real-world data, enhancing their computational skills and analytical thinking. Emphasis is placed on both theoretical concepts and practical applications, preparing students for advanced studies or careers in data science and artificial intelligence.
Human Robot Interaction 0114412 (3 CR.H.)	This course provides a comprehensive overview of Human-Robot Interaction (HRI), an interdisciplinary field that explores how humans and robots communicate, collaborate, and coexist in shared environments. Students will examine foundational principles, including human cognitive and perceptual models, multimodal interaction techniques, and robot sensing and behavior. The course further explores social and affective robotics, cognitive architectures, trust and safety in autonomous systems, and the ethical dimensions of robot deployment. Emphasis is placed on experimental design, evaluation methodologies, and emerging trends such as AI-driven interaction and brain-computer interfaces. Through lectures, case studies, and hands-on projects, students will develop the skills to design, analyze, and evaluate interactive robotic systems in real-world contexts.

Robot Vision **0114413** **(3 CR.H.)**	This course introduces students to the fundamentals of robot vision by integrating concepts from computer vision, image processing, and robotic programming. It covers the architecture of machine vision systems, image acquisition techniques, digital image enhancement, segmentation, and analysis methods relevant to industrial applications. The course also explores robot vision algorithms, vision-based task execution, and real-world use cases such as inspection, metrology, object recognition, and augmented reality. Emphasis is placed on both theoretical understanding and practical applications in manufacturing and automation environments.
Ethics in Artificial Intelligence **0114423** **(3 CR.H.)**	This course introduces ethical principles and social considerations in the context of robotics and artificial intelligence (AI). It explores the philosophical foundations, practical implications, and regulatory frameworks of AI and robotics technologies, using real-world case studies and interactive discussions. It also encourages students to evaluate ethical dilemmas involving algorithmic bias, responsibility, privacy, autonomy, and the use of robots in society.
Internship **0114480** **(3 CR.H.)**	This course is designed to enable students to apply their knowledge of artificial intelligence and robotics in real world professional situations. The students work as interns and practice team-based activities related to artificial intelligence and robotics. The internship experience provides the students with an industrial training opportunity through cooperation between the university and the local industry, which can help them in choosing their career path based on hands-on industrial experience.
Capstone Project I **0114490** **(1 CR.H.)**	This course provides our undergraduate engineering students with imperative design experience to prepare them for the artificial intelligence and robotics industry. The capstone project is intended to integrate and draw on the knowledge that students have acquired during their study. It also gives students an opportunity to improve their communication skills and work in a team.
Capstone Project II **0114491** **(2 CR.H.)**	This course is a continuing step for Capstone I (0114490). It Provides students with imperative design experience to prepare them for the artificial intelligence and robotics industry. The course is intended to enhance their skills and hands on experience to provide solutions for real-life problems. The course offers an opportunity to implement and execute the design finalized in Capstone I and subsequently tests the implemented prototype across various scenarios to affirm the proposed design's efficacy and feasibility. It also gives students an opportunity to improve their communication skills and work in a team.
Advanced research methods **0103612** **(3 CR.H.)**	This course equips postgraduate students with advanced research skills, methodologies, and critical thinking essential for high-quality research. Emphasizing both traditional and modern approaches, it integrates analytical thinking, brainstorming, academic writing, related work critique, and the use of research tools and platforms. Students will explore research design, data analysis, ethics, and the effective communication and presentation of research findings. Advanced study designs and critical appraisal techniques will be introduced, covering quantitative, qualitative, and mixed methods approaches. The course promotes active engagement through discussion, debate, paper critique, peer interaction, and presentation exercises, developing research and dissemination/ communication skills. Students will learn to evaluate the suitability of research designs for specific questions and will be supported in presenting and communicating research plans and outcomes in diverse academic and professional contexts.

Machine & Deep Learning 0114613 **(3 CR.H.)**	This course covers the theory and practice of machine learning. It explores topics such as feature engineering and data pre-processing. Several popular supervised and unsupervised learning algorithms are covered: linear regression, decision trees, k-nearest neighbor, Bayesian learning, support vector machines, neural networks and k-means. In addition, this course provides a comprehensive introduction to Artificial Neural Networks (ANNs) and Deep Learning (DL). Students will explore foundational concepts, architectures, and algorithms that underpin modern neural networks and deep learning systems. The course emphasizes both theoretical understanding and practical implementation, with hands-on exercises using Python and popular deep learning libraries such as TensorFlow and PyTorch.
Mathematics and Statistics for AI 0114610 **(3 CR.H.)**	This course is designed to equip graduate students with the foundational mathematical and statistical concepts essential for advanced studies in artificial intelligence and machine learning. Topics will include linear algebra, calculus, probability theory, and statistical inference, emphasizing their applications in AI algorithms. Through a blend of theoretical concepts and practical exercises, students will develop skills to analyze data and model complex systems effectively. This course serves as a prerequisite for advanced AI and machine learning courses, ensuring students have the necessary skills for success in these areas.
Computer Vision 0114617 **(3 CR.H.)**	This course explores fundamental and advanced topics in computer vision, including image processing, feature extraction, object detection, and deep learning for vision applications. Students will learn about edge detection, segmentation, convolutional neural networks (CNNs), and real-world applications such as facial recognition and autonomous systems.
Internet of Things 0114618 **(3 CR.H.)**	This course provides an in-depth exploration of the Internet of Things (IoT) at a master's level, covering advanced architectures, security challenges, data analytics, and real-world applications. The focus is on designing and implementing scalable IoT solutions while addressing security and ethical concerns. Case studies and projects emphasize IoT's role in smart cities, healthcare, industrial automation, and AI integration.
Robotics 0114615 **(3 CR.H.)**	This course introduces the fundamental principles of robotics, including kinematics, dynamics, perception, and control. It explores robotic architectures, machine learning integration, and AI-driven decision-making for autonomous robots. Topics cover robotic sensing, actuation, motion planning, and reinforcement learning applied to robotic applications. The course includes theoretical foundations as well as practical implementation through simulations and real-world case studies.
Speech Recognition 0114620 **(3 CR.H.)**	This course provides an in-depth study of speech recognition technologies, covering fundamental theories, signal processing techniques, feature extraction, deep learning models, and practical applications. Students will explore automatic speech recognition (ASR) architectures, natural language processing (NLP) integration, and real-world deployments in virtual assistants, healthcare, and security.
AI in Healthcare 0114619 **(3 CR.H.)**	This course explores the intersection of artificial intelligence (AI) and healthcare, covering machine learning applications in medical diagnosis, predictive analytics, medical imaging, drug discovery, and personalized medicine. Students will analyze ethical and regulatory challenges and work on research-driven projects in AI enabled healthcare solutions.
Smart Cities 0114621 **(3 CR.H.)**	This course explores the application of AI and data-driven technologies in building smart cities. Topics include IoT-enabled urban infrastructure, intelligent transportation, energy management, smart governance, and AI driven urban analytics. Students will engage in research-based projects and case studies to evaluate emerging smart city innovations and their impact on sustainability and urban living.

Advanced Artificial Intelligence 0114614 **(3 CR.H.)**	This course provides graduate students with in-depth knowledge of AI principles, algorithms and techniques. It will explore topics such as search algorithms, knowledge representation, reasoning, uncertain knowledge and probabilistic reasoning, intelligent agents and planning. The course emphasizes understanding the theoretical foundations of intelligence as well as practical applications across various domains. Ethical and societal issues relating to artificial intelligence are also discussed.
Advanced Data Mining 0114611 **(3 CR.H.)**	The course covers the theory and methods of data mining. It aims to equip students with the necessary skills and knowledge to develop models using data mining techniques that include classification, association, outlier, prediction, clustering and reasoning. Web mining, text mining, and pattern mining approaches are also covered. The course goes through the full cycle of data mining starting from collecting the data all the way to evaluating and interpretation the results. In addition, contemporary methods for web data mining are presented such as web data warehousing, web personalization and recommender systems.
Thesis AI 0114691 **(3 CR.H.)**	This course enables students to demonstrate the knowledge and research abilities acquired throughout the MSc program. Under faculty supervision, students identify and address a significant research problem in Artificial Intelligence and Machine Learning. The project includes a detailed literature review, selection and application of research methodology, implementation, analysis, and thesis writing. Students must consider ethical implications, reproducibility, and responsible AI practices.
Natural Language Processing 0114616 **(3 CR.H.)**	This course is designed to introduce students to the fundamental concepts and ideas in natural language processing (NLP), and to get them up to speed with current research in the area. It covers syntactic, semantic and discourse processing models, emphasizing machine learning or corpus-based methods and algorithms. It also covers applications of these methods and models in syntactic parsing, information extraction, statistical machine translation, dialogue systems, and summarization. Research papers of high impact published recently in the literature will be provided as reading assignments
Big Data Analytics 0103620 **(3 CR.H.)**	This comprehensive Big Data Analytics course aims to provide students with a profound understanding of advanced analytics techniques, large-scale data processing, and leading frameworks in the field. Focusing on the intersection of big data and business intelligence, the curriculum emphasizes hands on experiences, enabling students to apply theoretical knowledge to real-world problems. With a strong emphasis on practical proficiency, students will explore cutting-edge technologies, scalable data processing frameworks, and advanced analytics methodologies, including machine learning and predictive modeling. By the end of the course, participants will emerge equipped with both theoretical insights and practical skills, ready to tackle complex challenges and contribute to industries increasingly reliant on data-driven decision-making.
Distributed Systems 0103624 **(3 CR.H.)**	The knowledge of distributed computing and middleware has become essential in today's network centric computing environment. This course will give the students the advanced knowledge and hands-on practice, make the students to be more current with the industry practices, and prepare the students for active research at the forefront of these areas. The topics covered in this course include fundamentals of distributed computing, software agents, naming services, synchronization, consistency and replication, fault tolerance, shared memory, distributed object-based systems, distributed file systems distributed transactions, API design and mechanisms, and security management.

Human Computer Interaction 0103625 **(3 CR.H.)**	In this course, students are introduced to the fundamental theories and concepts of human computer interaction (HCI). HCI is an interdisciplinary field that integrates theories and methodologies across many domains including cognitive psychology, neurocognitive engineering, computer science, human factors, and engineering design. Students will gain theoretical knowledge and practical experience in the fundamental aspects of human perception, cognition, and learning as relates to the design, implementation, and evaluation of interfaces. Topics covered include: interface design, usability evaluation, universal design, multimodal interfaces (touch, vision, natural language and 3-D audio), virtual reality, and spatial displays. In addition to lectures, students will work on individual assignment and team project to design, implement, and evaluate various interactive systems and user interfaces based on knowledge culled from class material and additional research.
Machine Learning Systems 0103621 **(3 CR.H.)**	This course serves as an entry point into the dynamic field of machine learning systems. The course will cover the machine learning algorithms and will include the business requirements that gave birth to the ML project, the interface where users and developers interact with your system and the logic for developing, monitori, focusing on both the theoretical foundations and practical applications. The course provides an introduction to supervised and unsupervised learning including Linear and logistic regression, Decision trees, Support vector machines, Neural networks, Feature selection and transformation methods, and Reinforcement learning. Throughout the course, emphasis is placed on hands-on implementation of machine learning techniques. Students will delve into practical applications in diverse domains such as bioinformatics, image processing, natural language processing, business intelligence, and e-commerce. A dedicated segment will be devoted to discussing the limitations and challenges associated with applying machine learning techniques in various domains, fostering a critical awareness of the constraints and ethical considerations involved.
Requirements Engineering and Architectural Design 0103613 **(3 CR.H.)**	The course trains students in the fundamental principles and latest techniques in systems requirements engineering and software architecture. The course covers the software requirements process, from requirements elicitation and analysis, through specification and architectural design. The course shows how to refine these requirements and design a reliable and robust solution. Various concepts, principles, techniques, and tools are introduced, including software requirements, system models, requirements validation, requirements evolution and architectural design. Although the emphasis will be on modern methodologies, some Conventional requirements engineering approaches are also discussed. Requirements analysis includes organizational objectives, conceptual models, technologies, functional features, and use cases. The architectural design emphasizes on the use of structure, objects, aspects, and patterns in architectural design specifications. The course encompasses analysis and design of a software system for a real-world organization
Simulation & Model-Driven Software Development 0103622 **(3 CR.H.)**	In this course, foundations, techniques, and tools for the application of model-driven software development will be taught. The students will be introduced to the advanced topics related to modelling notations, meta-modelling, and model-transformation. Domain-specific languages will also be introduced with basic structure of these languages. Reverse engineering of system using model-transformation techniques will also be studied. The code generation techniques from models will also be studied. The course also introduces concepts, logic, and modelling of simulation of software systems. The students will also practice simulation of a software system using a discrete event based software package.
Software Systems Engineering Theory and Development Practices 0103610 **(3 CR.H.)**	This course familiarizes the student with both the theory and practice of software systems engineering to design an optimal solution that meets expected users' requirements (also HCI requirements) within available resources. The course discusses open-ended problems solving, creativity employment, problem formulation, requirements management, alternative solutions examination, concurrent engineering design, and consideration of a set of practical constraints, such as reliability, safety, economic factors, ethics, environmental and social impacts of large-scale and distributed systems. This course intends to introduce traditional and advanced software systems engineering theory, methods, and tools including contemporary development trends from the domains AI, LLM and data science.

Software Systems Security and Authentication 0103611 **(3 CR.H.)**	This advanced software security course is designed to provide students with an in-depth exploration of security and safety issues encountered throughout the software systems lifecycle, from conception and requirements to long-term maintenance and even re-engineering. This course offers a holistic view of software systems security, encompassing not only technical aspects but also the organizational and social contexts in which security strategies are developed and executed. Upon completion of this course, students will have the skills and knowledge necessary to tackle complex software systems security challenges, implement security best practices, and contribute significantly to enhancing the security posture of organizations operating in an ever-evolving digital landscape.
Software Project Management 0103614 **(3 CR.H.)**	This course covers the fundamentals of Software Project Management (SPM), including project planning, risk management, cost estimation, and quality assurance. Students will learn both agile and traditional management approaches and gain hands-on experience with industry tools. The course emphasizes teamwork, leadership, and ethical considerations, preparing students to effectively manage software projects from start to finish.
Systems Testing and Quality Assurance 0103615 **(3 CR.H.)**	Since software testing and analysis is a core challenge in developing high quality software systems, this course focuses on the processes, principles, and techniques of software testing and analysis. It covers a full range of topics from basic principles and underlying theory of testing to organizational and process issues in real-world applications. The Attention is on the selection of practical techniques to achieve a suitable level of quality at tolerable cost. This course will provide software engineering professionals with pragmatic approaches for dependable and cost-effective software testing.
Systems Design Optimization 0103626 **(3 CR.H.)**	This course covers both fundamental and advanced optimization theory and algorithms. It covers a wide range of numerical methods and topics, including both gradient-based and gradient-free algorithms, multidisciplinary design optimization, and uncertainty, with instruction on how to determine which algorithm should be used for a given application. It also provides an overview of models and how to prepare them for use with numerical optimization, including derivative computation.
Thesis 0103691 **(3 CR.H.)**	This course enables the student to demonstrate the understanding and possession of knowledge and skills acquired during the course of the program. This course will be performed by each student individually by choosing a real-world problem in any domain related to the program. The student will be expected to conduct the study using theoretical research methodologies and experimentation. The work will be presented in a form of thesis which will detail the identification of a real-world problem, implementation of research methodologies, a detailed literature review and implementation of state-of-the-art software design and implementation methodologies.
System Re-Engineering 0103623 **(3 CR.H.)**	Today, reliable software systems are the basis of any business or company. The continuous further development of those systems is the central component in software evolution. It requires a huge amount of time- man power- as well as financial resources. This course addresses software evolution: the inherent problems and uncertainties in the process. It provides students with practical, in-depth techniques for software reverse engineering. The course contains two parts, the first part deals with software reengineering and software migration. The second part deals with the security-related reverse engineering. In addition, it explores the modern reversing tools.

Academic Staff - College of Engineering

Al Ain Campus

No	Name	University/Country	Rank
Computer Engineering, Networks & Communication Engineering Programs			
1	Prof. Haythem Bany Salameh	University of Arizona/ USA	Professor
2	Prof. Nazih "Khaddaj Mallat"	University of Quebec/ Canada	Professor
3	Dr. Muath Alhasan	University of Quebec/ Canada	Associate Prof.
4	Dr. Noor Aldeen Alawad	Sapienza University of Rome, Italy	Associate Prof.
5	Dr. Mawahib Sulieman	Washington State University/ USA	Assistant Prof.
6	Dr. Mohamad Alhattab	University of Technology/ Australia	Assistant Prof.
7	Ms. Nura Mousa	UAE University/ UAE	Instructor
Software Engineering, Computer Science & Cybersecurity Programs			
1	Prof. Hussam Al-Rabai'ah	University of Science Malaysia/ Malaysia	Professor
2	Dr. Saqib Iqbal	University of Huddersfield/ UK	Associate Prof.
3	Dr. Issam Al-Azzoni	McMaster University/ Canada	Associate Prof.
4	Mr. Musab Hijazi	JUST/ Jordan	Instructor
5	Mr. Ayman Odeh	Military Technical College/ Egypt	Instructor
Civil Engineering Program			
1	Prof. Mohammad Alhassan	University of Illinois/ USA	Professor
2	Dr. Mousa Bani Baker	Concordia University/Canada	Professor
Cybersecurity Program			
1	Prof. Zina Houhamdi	Annaba University/ Algeria	Professor
2	Dr. Qutaibah Althebyan	University of Arkansas/ USA	Associate Prof.
3	Dr. Muhammad Ilyas	Politecnico di Torino, Italy	Assistant Prof.
4	Dr. Haroon Mahmood	Altenbas University/ Turkey	Assistant Prof.

Abu Dhabi Campus

No	Name	University/Country	Rank
Computer Engineering, Networks & Communication Engineering Programs			
1	Dr. Armagan Elibol	University of Girona, Spain	Associate Prof.
2	Dr. Ubaid Ullah	University Sains Malaysia, Malaysia	Associate Prof.
3	Dr. Thabet Mismar	University of Toledo/ USA	Assistant Prof.
4	Dr. Huda Alsheyab	Lakehead University, Canada	Assistant Prof.
5	Ms. Huda Al Heeh	Abu Dhabi University, UAE	Instructor
Software Engineering, Computer Science & Cybersecurity Programs			
1	Prof. Faten Kharbat	University of the West of England/ UK	Professor
2	Dr. Majdi Shaker Sawalha	The University of Leeds ,UK	Associate Prof.
3	Dr. Mohamed Daoud	De Montfort University / UK	Associate Prof.
4	Dr. Yazeed Ghadi	Central Queensland University/ Australia	Associate Prof.
5	Dr. Khubaib Alam	University of Malaya /Malaysia	Associate Prof.
6	Dr. Tarik Elamsy	University of Windsor/ Canada	Assistant Prof.
7	Dr. Nuha Hamed Hamada	University of Baghdad/ Iraq	Associate Prof.
8	Dr. Tareq Oshan	University of Windsor/Canada	Assistant Prof.
9	Dr. Mahoud Sharqawi	Western University, Canada	Assistant Prof.
10	Mr. Yazan Al-Ahmed	Al Ain University/UAE	Instructor
Civil Engineering Program			
1	Prof. Abdulla Ahmad Sharo	The University of Akron, Ohio	Professor
2	Dr. Layla Amaireh	Purdue University, USA	Associate Prof.
3	Dr. Omar Fawaz Najm	UAE University/UAE	Assistant Prof.
4	Ms. Esra'a Hijah	Abu Dhabi University, UAE	Instructor
Cybersecurity Program			
1	Prof. Bayan Aref Abushawar	Leeds University/ UK	Professor
2	Dr. Muath Alsheikh	University of Western Brittany, France	Associate Prof.
3	Dr. Suhaib Bany Melhem	Concordia University/ Canada	Assistant Prof.
4	Dr. Heba Saleous	Information Security from United Arab Emirates University	Assistant Prof.

No.	Laboratory Name	Covered Courses
1	Communications Lab.	• Introduction to Communication Systems (0106340) • Wireless Communication Fundamentals (0106441) • Digital Communication (0106440) • Data and Computer Communication (0106320)
2	Network Lab. * Matlab, Simulink and LabVIEW are installed on all computers in this lab.	• Computer Network Protocols and Applications (0105400) • Computer Network Management (0105411) • Data and Computer Communication (0106320) • Computer Networks (0102450) • Signals and Systems Analysis (0106330)
3	Embedded Systems Lab.	• Real-Time Embedded Systems (0104450) • Digital Systems Design (0104440) • VLSI Systems and Designs (0104430) • Digital Logic Design (0104240) • Microprocessor and Assembly language (0104351) • Computer architecture (0104242) • Advanced Computer architecture (0104441)
4	Electronics Lab.	• Circuit Analysis I (0104230) • Digital Electronics (0104333) • Electronic Circuits (0104331) • Circuit Analysis II (0104330)
5	Physics Lab.	• Physics I (0108103) • Physics II (0108203)
6	Computer Lab. * Rational Rose is installed on 20 computers in this lab.	• Foundations of Software Engineering (0103220) • Database Systems (0102330) • Multimedia Technology (0102461) • Object Oriented Analysis and Design (0103430) • Software Requirements and Specifications (0103320)
7	Environmental Engineering Lab	• Physics I (0108103) • Chemistry (0201100) • Environmental Engineering (0111440)
8	Geotechnical Engineering Lab	• Mechanics of Materials (0111211) • Geology (0111220) • Geotechnical Engineering (0111320)
9	Surveying Lab	• Calculus II (0107104) • Surveying (0111230)
10	Materials Lab	• Construction Materials (0111310)
11	Fluid Mechanics and Hydraulics Lab	• Fluid Mechanics (0111340) • Calculus II (0107104) • Statics (0111210)
12	Cybersecurity Lab	• ethical hacking (0112201) • mobile applications and security (0112401)

COLLEGE OF PHARMACY

About the College

The College of Pharmacy at Al Ain University was established in the academic year 2006-2007. It started with a modern approach in management, syllabi, structure and ambitions toward better education and research.

In the Bachelor of Science in Pharmacy Program (BSc. Pharm), the college offers a solid foundation in core pharmacy courses, which include the basic medical, pharmaceutical and clinical sciences in addition to the advanced professional and training practices.

The college also offers another undergraduate program; the Bachelor of Science in Nutrition and Dietetics Program (BSND). The program is designed to understand the major role of healthy nutrition in the prevention, development, and treatment of most major diseases and to understand the relationships between nutrition, health, and disease.

The College of Pharmacy offers two postgraduate programs; First, Master of Science in Clinical Pharmacy Program (MSCP) which is designed to integrate advanced didactic courses with case application exercises, advanced clinical clerkship experiences, and a research project.

The second postgraduate program is the Master of Science in Pharmaceutical Sciences Program (MSPS), designed to train graduated as competent, highly skilled researchers capable of conducting high-caliber research in pharmaceutical sciences. It also aims to prepare experts to lead innovation in the national pharmaceutical industry, academic and research institutions. To optimize the practical part of the curriculum, the college possesses a large number of facilities; including laboratories with highly advanced equipment.

The International-Accreditation of the BSc. Pharm Program granted to the College of Pharmacy by the ACPE (Accreditation Council for Pharmacy Education) is stands as a remarkable achievement by the College of Pharmacy in the academic year 2014-2015.

Dean’s Message

On behalf of the Faculty, Staff, and Students, welcome to the College of Pharmacy at Al Ain University. It is my pleasure to introduce to you our new and competitive college. I am confident that studying at our college will serve as a valuable prescription for a rewarding career.

The College has an outstanding team of faculty and staff dedicated to our mission; “preparing outstanding, highly competent and motivated pharmacists, nutritionists, dietitians, researchers and health care providers to meet the contemporary healthcare needs of society and enhance the delivery of essential pharmacy services, ensure human health by optimizing the usage of effective, safe and cost-effective drug therapy, and enhance pharmaceutical

activities through pharmaceutical care and industry advancement, particularly focusing on areas of continued education, services and research.

We assure our pharmacy students that they will receive the education and training tailored to meet new and evolving practice roles. The curriculum of the College of Pharmacy offers a solid foundation in core pharmacy competencies by offering the basic biomedical sciences, pharmaceutical sciences, clinical and social sciences in addition to the professional and internship programs.

In addition to the BSc. Pharm program, the College of Pharmacy offers an M.Sc. in Clinical Pharmacy program designed to equip graduates with advanced knowledge, skills, and practice capabilities to fulfill the role of clinical pharmacist across a variety of hospital settings, including but not limited to ambulatory care, acute care, intensive care, long-term care and drug information center activities.

Two programs were offered in the academic year 2020/2021, firstly the B. Sc. Nutrition and Dietetics program aimed at understanding the relationships between nutrition, health, and disease. Secondly the M.Sc. in Pharmaceutical Sciences (MSPS) designed to equip graduates for being competent, highly skilled researchers capable of conducting high-caliber research in the field. It also aims to prepare experts to lead innovation in the national pharmaceutical industry, academic and research institutions.

The International –Accreditation of the BSc. Pharm program granted to the College of Pharmacy by the ACPE (Accreditation Council for Pharmacy Education), stands as one of the most notable achievements in the academic year 2014-2015. It promises to enhance the quality and the standards of our education process. We extend our best wishes to you as you embark on your journey towards a magnificent career in pharmacy, or nutrition and dietetics.

Vision

The vision of AAU College of Pharmacy is to achieve excellence in innovative pharmacy and healthcare education, practices, services to the society and the profession, and thus improve the healthcare of the community and the country

Mission

The college serves UAE and the world by preparing outstanding, highly competent and motivated pharmacists, nutritionists and dietitians and health care providers to meet the contemporary health care needs of the society, improve delivery of essential healthcare services, ensure human health through optimization of using effective, safe and economic drug therapy and nutrition care to enhance healthcare activities, especially in areas of continued education, services and researches. The college serves the students by offering an educational program based on best pharmacy and healthcare practices, professional practice experience and educational environment aligned with the needs of the society.

College Council

No.	Name	Title
1	Prof. Mohammad Ghattas	Chair
2	Prof. Mosab Arafat	Member
3	Prof. Faris El-Dahiyat	Member
4	Prof. Mahmoud Abu-Ghoush	Member
5	Dr. Mohammad Bostanudin	Member
6	Dr. Walaa Kamel Mousa	Member
7	Dr. Sehar Iqbal	Member
8	Dr. Rose Ghemrawi	Member

Bachelor of Science in Pharmacy Program

ACPE (International-Accreditation)
This status does not confer on graduates' direct eligibility for licensure in the United States.

About the Program

The Bachelor of Science in Pharmacy program is a four-and-a-half-year integrated program spread over nine semesters and leading to a degree in BSc. Pharm. The program provides a balanced education in the pharmaceutical sciences and opens the door to a career in the professional pharmacy, drug research, pharmaceutical, biotechnology and other health industries, which enable the students to practice the pharmacy profession in a strong, skillful and determined manner.

The program curriculum offers a solid foundation in core pharmacy competencies, by offering the biomedical sciences, pharmaceutical sciences, clinical sciences in addition to the advanced professional and training programs in very well-known Hospitals in the UAE, which fits with the pharmacist's expanding new role as one of the health care providers, responsible for understanding and dispensing medicine, providing expertise about the composition of drugs, physical, chemical and biological properties, educating patients about their medication, and working with clinicians to promote the effective use of drugs.

Vision

To emerge as a leading pharmacy program by offering excellence and value-based quality in pharmaceutical education, pharmacy practice to serve the society and the profession, and thus improve the healthcare of the community and the country.

Mission

The mission of the Bachelor of Science in Pharmacy (BSc. Pharm) program is to graduate outstanding, highly competent and motivated pharmacists

with advanced knowledge and understanding of pharmacy practice; problem solving and transferable skills; ability to think independently to meet higher level expectations in the health care needs of the society, improve delivery of essential pharmacy services, ensure human health through optimization of using effective, safe and economic drug therapy and enhance pharmaceutical activities through pharmaceutical care and pharmaceutical industry, especially in areas of continued-education, services and research.

Program Learning Outcomes

This Program Learning Outcomes is based on the Emirates Qualification Framework (QF Emirates):

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Demonstrate knowledge and ability to integrate and apply basic concepts and principles of biomedical science, pharmaceutical sciences, clinical sciences and social and behavioural sciences required for drug discovery, drug development, and pharmacy practice context, to promote population health and patient centred care.	K
2	Recognise and use pharmacy operational systems, appropriate medication dispensing, medication storage, and inventory control, appropriate distribution of prescription and non-prescription products and patient's education and counselling.	S
3	Provide patient-centred care by collecting, reviewing and utilizing relevant patient socioeconomic and medical data; to assess, develop, modify and implement a care plan in collaboration with the patient and other healthcare providers.	S, R
4	Locate and employ relevant medical literature, guidelines and evidence-based practice to enhance clinical decision making and to ensure the appropriateness, safety and effectiveness of medication.	S
5	Apply the relevant cognitive and technical skills to each stage of drug discovery, drug development, and pharmacy practice context.	S
6	Operate in a professional attitude and behaviour by being qualified, patient advocate, altruist, accountable, empathetic, responsible and respectful to the patient and the other healthcare providers.	R
7	Describe, conduct, interpret and appraise pharmaceutical and clinical research, ethics, principles and methodologies.	K, S

(K: Knowledge, S: Skill, R: Responsibility)

Study Plan for Academic Year 2025/2026 (160) CR.H./ Pharmacy Program

Course Number	Course Title	CR. H	Prerequisite
First: General University Education (24) CR.H.			
0102120	Computer Skills	3	
0401120	English 1	3	
0401121P	English Technical Writing for Health students	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE studies	3	
0501170	Fundamentals of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
Second: College Requirements (15) CR.H.			
0107101	Calculus I	3	
0108103	Physics I	3	
0200100	Biology	3	
0201100	Chemistry	3	
0203100	Introduction to Pharmacy and Pharmacy Law	3	
Third: Specialization Courses (89) CR.H.			
Biomedical Sciences (10) CR. H.			
0200111	Human Anatomy and Physiology	4	0200100
0200241	Microbiology and Immunology	3	0200100
0201240	Biochemistry	3	0201210
Pharmaceutical Sciences (45) CR. H.			
0201210	Pharmaceutical Organic Chemistry 1	3	0201100
0201211	Pharmaceutical Organic Chemistry 2	2	0201210
0201212	Pharmaceutical Analytical Chemistry	4	0201211
0201452	Medicinal Chemistry 1	4	0201211
0201453	Medicinal Chemistry 2	3	0201452
0203210	Pharmaceutics 1	3	0108103
0203220	Pharmaceutics 2	3	0203210
0203320	Pharmaceutics 3	3	0203220
0203351	Pharmaceutical Compounding and Calculations	4	0203320
0203360	Biopharmaceutics and Pharmacokinetics	4	0203320
0203380	Pharmacology 1	3	0200111
0203482	Pharmacology 2	3	0203380
0203483	Pharmacology 3	3	0203482
0203484	Phytotherapy and Dietary Supplements	3	0203482
Clinical Sciences (24) CR.H.			
0203485	Pharmacoepidemiology and Biostatistics	2	0203380
0204300	Pharmacogenomics	2	0203482 ,0201240
0204371	Self-care Non-Prescription Drugs	3	0203482
0204411	Toxicology and Emergency Medicine	2	0203483
0204429	Pharmacotherapy 1	3	0203380
0204431	Pharmacotherapy 2	3	0204429
0204432	Pharmacotherapy 3	3	0204431
0204433	Pharmacotherapy 4	3	0204431
0204460	Medication Information and Literature Evaluation	3	0203485
Social Behavioral and Administrative Sciences (10) CR.H.			
0204420	Marketing and Pharmacoeconomics	3	0509210
0204421	Pharmaceutical Management	2	0502200
0204451	Pharmacy Practice and Pharmaceutical Care	3	0203482
0204452	Digital Pharmacy	2	0204451
Fourth: Compulsory Supporting Courses (6) CR.H.			
0502200	Principles of Financial Accounting	3	
0509210	Principles of Microeconomics	3	
Fifth: Professional Practice Experience (26) CR.H			
Introductory Pharmacy Practice Experience (Summer Training) (10) CR.H.			
0203291	Introductory Pharmacy Practice Experience 1	2	0203220
0203390	Introductory Pharmacy Practice Experience 2	3	0204371
0203490	Introductory Pharmacy Practice Experience 3	3	0203483
0204594	Industrial Pharmacy - Training	2	0203360
Advanced Professional Practice Experience (APPE 1-4) (16) CR.H.			
0204595	APPE-1 (Internal Medicine)	4	0204433
0204596	APPE-2 (Surgery)	4	0204433
0204597	APPE-3 (Ambulatory Care)	4	0204433
0204598	APPE-4 (Critical Care)	4	0204433

Guidance Plan / Pharmacy Program

First Year		Second Year			Third Year			Fourth Year			Fifth Year
First Semester	**Second Semester**	**First Semester**	**Second Semester**	**Sum**	First Semester	Second Semester	**Sum**	**First Semester**	**Second Semester**	**Sum**	First Semester
Introduction to Pharmacy & Pharmacy Law (0203100) 3 hrs.	Physics 1 (0108103) 3 hrs.	Pharmaceutics 1 (0203210) 3 hrs.	Pharmaceutics 2 (0203220) 3 hrs.	IPPE -1 (0203291) 2 hrs.	Pharmaceutics 3 (0203320) 3 hrs.	Pharmaceutical Compounding & Calculations (0203351) 4 hrs.	IPPE -2 (0203390) 3 hrs.	Phytotherapy & Dietary Supplements (0203484) 3 hrs.	Biopharmaceutics & Pharmacokinetics (0203360) 4 hrs.	IPPE -3 (0203490) 3 hrs., Industrial Pharmacy - Training (0204594) 2 hrs.	APPE-1 (Internal Medicine) (0204595) 4 hrs.
Chemistry (0201100) 3 hrs.	Pharmaceutical Organic Chem. 1 (0201210) 3 hrs.	Pharm. Organic Chem. 2 (0201211) 2 hrs.	Medicinal Chemistry 1 (0201452) 4 hrs.		Medicinal Chemistry 2 (0201453) 3 hrs.	Self-care Non Prescription Drugs (0204371) 3 hrs.		Pharmacogenomics (0204300) 2 hrs.	Islamic Culture (0406110) 3 hrs.		APPE-2 (Surgery) (0204596) 4 hrs.
Biology (0200100) 3 hrs.	Human Anatomy & Physiology (0200111) 4 hrs.	UAE Studies (0409103) 3 hrs.	Pharmacology 1 (0203380) 3 hrs.		Pharmacology 2 (0203482) 3 hrs.	Pharmacology 3 (0203483) 3 hrs.		Toxicology and Emergency Medicine (0204411) 2 hrs.	Pharmaceutical Management (0204421) 2 hrs.		APPE-3 (Ambulatory Care) (0204597) 4 hrs.
Calculus 1 (0107101) 3 hrs.	Fund. of Innovation & Entrepreneurship (0501170) 3 hrs.	Microbiology & Immunology (0200241) 3 hrs.	Pharm. Analytical Chem. (0201212) 4 hrs.		Pharmacoepidemiology & Biostatistics (0203485) 2 hrs.	Pharm. Practice & Pharmaceutical Care (0204451) 3 hrs.		Marketing and Pharmacoeconomics (0204420) 3 hrs.	Pharmacotherapy 4 (0204433) 3 hrs.		APPE-4 (Critical Care) (0204598) 4 hrs.
Computer Skills (0102120) 3 hrs.	English Technical Writing for Health Students (0401121P) 3 hrs.	Biochemistry (0201240) 3 hrs.	Principles of Financial Accounting (0502200) 3 hrs.		Pharmacotherapy 1 (0204429) 3 hrs.	Pharmacotherapy 2 (0204431) 3 hrs.		Pharmacotherapy 3 (0204432) 3 hrs.	Scientific Research Methodology (0508203) 3 hrs.		
English 1 (0401120) 3 hrs.		Arabic Language (0405100) 3 hrs.			Principles of Microeconomics (0509210) 3 hrs.			Medication Info. & Lit. Evaluation (0204460) 3 hrs.	Digital Pharmacy (0204452) 2 hrs.		
18	**16**	**17**	**17**	**2**	**17**	**16**	**3**	**16**	**17**	**5**	16
160											

Brief Course Descriptions

Course Title & No.	Brief Course Description
Biology (0200100)	The course of biology is designed to give knowledge of the basic processes of life; function of components of eukaryotic cells, structure of bimolecular, structure and function of proteins, membranes and, the role of enzymes. The course helps the students to understand cell signaling, DNA replication, protein synthesis and, biotechnology techniques. The students would be given an overview on bioinformatics and also learn to use basic tools in genome sequence analysis. The course also deals with some aspects of the functioning of human systems and ecology.
Human Anatomy and Physiology (0200111)	This course covers all the fundamentals of Anatomy and Physiology. It will give students in-depth knowledge in the organization, structure, and functions of the different systems constituting the human body. The systems included are tissue level of organization, muscular, skeletal, cardiovascular, lymphatic, respiratory, digestive, nervous, endocrine, urinary, and reproductive systems, body fluid and electrolytes, along with homeostatic mechanism maintaining normal function of the body, with demonstrations of relevant measurements. This course is an integral part of biomedical courses. It forms with pathology a synergistic basis for understanding the functions and abnormalities of various body organs. The course helps in studying pharmacology, toxicology, pharmacotherapy and other clinical courses.
Microbiology and Immunology (0200241)	Microbiology is the study of organisms and agents too small to be seen clearly by the naked eye, while Immunology is the study of our protection from foreign macromolecules or invading organisms and our responses to these invaders. The first part of the course will cover principles of microbiology with emphasis on microorganisms and human disease including most medically important bacteria, viruses, fungi and parasites. They will be presented with a general overview of their related diseases to human health. The second part of the course will cover topics in basic immunology including the innate (nonspecific) and acquired (specific) immunity to bacteria, viruses and parasites. This part will highlight the major components and control of the immune system (Antigens, Antibodies, Lymphocyte cells, Cytokines, etc). An important focus will be on antibody formation, structure and function, genetics and antigen-antibody reactions.
Chemistry (0201100)	The course presents fundamentals of certain topics in chemistry which includes basic knowledge of the atom, the electronic structure and configuration of various atoms. It also describes the importance of the periodic table and chemical bonding. The course details the importance of acids and bases, solutions and solubility. The course also includes topics on gases, and thermodynamics.
Pharmaceutical Organic Chemistry -1 (0201210)	This course covers fundamentals topics of pharmaceutical organic chemistry which includes bonding, isomerism, aliphatic hydrocarbons, alkyl halides, alcohols, ethers. It also covers stereochemistry, chirality and optical activity. It aims also to introduce and highlight pharmaceutical applications.
Pharmaceutical Organic Chemistry-2 (0201211)	This course covers some important aspects of organic chemistry, which includes Benzene and Aromaticity, Electrophilic Aromatic Substitution. Aldehydes and Ketones, Nucleophilic Addition Reactions, Carboxylic Acids and Nitriles, Carboxylic Acid Derivatives, Nucleophilic Acyl Substitution Reactions, Carbonyl Condensation Reactions, Amines and Heterocycles. The course presents and highlights organic chemistry applications in the pharmaceutical field of study.
Pharmaceutical Analytical Chemistry (0201212)	This course covers the fundamentals of analysis, law of mass action, common ion effect, ionization, buffer and buffer system in analysis, stoichiometry, preparation of solutions, indicators, titrimetric methods, potentiometric determination of end points, acid- base reactions, precipitation reactions, redox reactions, complexation reactions, spectrophotometry and chromatographic analysis, volumetric methods for analysis of raw materials and finished products. Practical work offers the required knowledge and skills for the student to perform the analysis of different analytes, pharmaceutical raw materials and finished products using one or more of the above methods.
Biochemistry (0201240)	This course is designed to provide a comprehensive survey of the major topics in biochemistry, with the objective of developing the tools necessary to understand biological processes in chemical terms. It provides an introduction to biomolecules in living matter. The building blocks of macromolecules (amino acids, monosaccharides, fatty acids and purine and pyrimidine bases) will be contrasted with the enormous variety and adaptability that is obtained with the different macromolecules (proteins, carbohydrates, lipids and nucleic acids). It focuses on the structural organization and function of biomolecules; proteins, carbohydrates, lipids and nucleic acids. The course further leads into carbohydrate, protein and lipid metabolism. Furthermore, the course gives a brief on the role of biotechnology in treatment of human diseases.

Medicinal Chemistry I (0201452)	aim of this course is to introduce students to the fundamental principles that underpin medicinal chemistry and its importance in the field of drug design and discovery, including an introduction to targets for drug action, methods of administration, drug metabolism and physicochemical properties in relation to biological action, qualitative and quantitative structure – activity relationships, computer aided molecular design. In this course we will also discuss three broad topics: drugs affecting the Autonomic Nervous System, antidiabetic, antiulcer (H2-blockers and PPIs) NSAIDs and adrenocorticoids. The discussed topics will provide students with a firm basis to understand the drug mechanisms of drug action, drug metabolism, and aspects associated with drug's side effects. During this course, students should be able to apply their fundamental background knowledge in Organic chemistry, Biochemistry and Pharmacology to deal with and assimilate the different topics included. The focus of this subject is medicinal chemistry, which is a scientific discipline at the intersection of chemistry and pharmacy involved not only with designing and developing pharmaceutical drugs, the study of existing drugs, their biological properties, and their structure-activity relationships.
Medicinal Chemistry 2 (0201453)	this course will discuss three broad topics: drugs affecting the cardiovascular system, Central Nervous System including opioid analgesics, and the second major part will discuss chemotherapeutic agents including; antibacterial/ antibiotics, antifungal agents, anticancer agents and anti-viral agents. Throughout this course, the emphasis will be on the biomolecular mechanism of action of drugs, as well as the relationship between the structure of a drug and its pharmacological activity. The discussed topics will provide students with a firm basis for the comprehension of drug mechanisms in relation to drug actions, drug metabolism, and aspects associated with drug side effects. During this course, students should be able to apply their fundamental background knowledge in Organic chemistry, Biochemistry and Pharmacology to deal with and assimilate the different topics included. The focus of this subject is medicinal chemistry, which is a scientific discipline at the intersection of chemistry and pharmacy involved not only with designing and developing pharmaceutical drugs, the study of existing drugs, their biological properties, and their structure-activity relationships.
Introduction to Pharmacy and Pharmacy Law (0203100)	This course covers many contents including the introduction to pharmacy, history of pharmacy, scope of pharmacy on local and world-wide, career opportunities for pharmacists, education in pharmacy, college curriculum, with special emphasis on the differences between patient-oriented and drug-oriented education, local and international organizations, information resources in pharmacy, and drug literature. It also offers an introduction to various drug delivery systems concerning their definition, route of administration, advantages and disadvantages, an overview on the prescription, and lastly the local and international pharmacy law and its regulations.
Pharmaceutics 1 (0203210)	The course of Pharmaceutics I is designed to provide the students to the principles of pharmaceutical dosage forms. This course will focus on factors affecting the physical and chemical behavior of drug products, such as interfacial phenomena, solubility, phase rule, buffers, isotonic solutions and rheology. The course also presents basic understanding of types of disperse systems and methods of their preparation and assessment.
Pharmaceutics 2 (0203220)	The course discusses some of the important dosage forms and drug delivery systems in terms of their administration, preparations and packaging. The course provided coverage of the following topics: solutions, suspensions, emulsions, powders and granules, capsules and tablets. The course will cover certain dosage and formulation calculations. The course will contribute to preparing the students for both industrial pharmacy and hospital pharmacy formulary preparations.
Introductory Pharmacy Practice Experience 1 (0203291)	Students applying for training must first find a suitable community pharmacy which accepts him or her for the purpose of training and supervision. Outpatient pharmacy is accepted as community pharmacy. The college will also prepare a list of recommended pharmacies and preceptors which will help the students securing the appropriate site. A contract must be signed for this purpose between the preceptor in the pharmacy, training coordinator of the pharmacy college and the student.
Pharmaceutics 3 (0203320)	The course discusses some of the important dosage forms and drug delivery systems in terms of their administration, preparations and packaging. Special consideration will be given to the preparation of sterile products. The course includes some topics on liquid dosage form with different expressions on liquid concentration for parenterals and ophthalmic preparations. Besides, many topics on semi solid dosage forms such as transdermal drug delivery systems, patches, ointments, lotions, creams and cosmetics preparation. The course will contribute to preparing the students for both manufacturing medications on large scale and industrial level and dispensing medication on small scale in the dispensary of the pharmacy.

Pharmacoepidemiology & Biostatistics (0203485)	Pharmacoepidemiology studies provide essential information about the health effects of healthcare products. Pharmacoepidemiology is intended to assist investigators with issues pertaining to the planning, conduct, and interpretation of pharmacoepidemiologic research. The discipline contributes to the body of knowledge that supports the optimal use of medications and helps clinicians make better-informed drug therapy decisions through post marketing surveillance. The course integrates epidemiology and pharmacology including drug-related issues such as adverse drug events, drug utilization patterns, drug efficacy, and post-marketing surveillance research. It is the application of epidemiological methods to describe and more importantly predict both the good and bad effects of drug usage in large numbers of the population. Biostatistics provides the student with several statistical methods and helps to achieve the statistical skills to understand scientific articles in pharmacy, understand the statistical tests used and interpret the results used in this field. Each topic will be introduced with examples from published clinical research papers; and all homework assignments will expose students to hands-on data analysis using real-life dataset. The students will have the skill of using computers and software for statistical analysis such as the SPSS package.
Pharmaceutical Compounding & Calculation (0203351)	This course covers the role of pharmacist at the hospital and community pharmacy setting, bringing the knowledge about how to interpret the prescription before its filling and distribution. Evaluation regarding the medication errors, incompatibilities, different pharmacokinetic aspect of dose calculations and method to ensure safe dispensing practice are studied in detail. The course also covers the current standards and best practices for preparing a sterile compound. Moreover, the aspects related to pharmaceutical regulatory affairs are covered in this course.
Biopharmaceutics and Pharmacokinetics (0203360)	The major objective of the course is to provide the student with fundamental foundational understandings of the principles of biopharmaceutics and pharmacokinetics that can be applied to drug therapy and dispensing. Biopharmaceutics is the science that examines the interrelationships between physicochemical properties of a drug, the dosage form, specific formulation, and route by which it is administered on the one hand, and the rate and extent of drug absorption into the systemic circulation, distribution to the tissues where it produces its actions (desired and undesired), and elimination from the body on the other hand. All these work will construct a steady base for the students who are mainly dedicated to pharmaceutical research and clinic pharmacy work in the future.
Pharmacology 1 (0203380)	This course is given to the second year students at the second semester and it covers the general aspects of pharmacokinetics and pharmacodynamics, the pharmacological actions and the therapeutic uses of drugs acting on the autonomic nervous system, the digestive system, drugs acting on local hormones (autacoids), and the drugs which treat inflammatory responses (NSAIDs). These classes of drugs are studied in terms of their pharmacokinetics, mechanism of actions, adverse effects, indications and contraindications.
Introductory Pharmacy Practice Experience 2 (0203390)	The course introductory pharmacy practice experience 2 is designed to be taken during the summer, following the successful completion of its pre-requisite pharmacology 1 (0201331). This is the second introductory pharmacy practice experience and is carried out to improve student's practice skills in interaction with more pharmacists, assistant pharmacists and patients. Consolidation of confidence, personal responsibilities and dispensing of prescriptions under the supervision of the pharmacy preceptor (licensed pharmacist) will continue to develop. The trainees should widen their knowledge on handling both OTC and prescription drugs and give optimal care to the patients by listening to their symptoms and recommending best treatment or referring them to a physician when the case demands so. The interns should also learn about how to carry out inventory control, making orders and using electronic point of sale systems. They should enhance their knowledge about insurance companies in UAE and the policies of each one. In writing the report emphasis will be given to the most widely sold pharmaceutical products according to IMS data, 2009. The training is expected to follow the sixth semester level. The training sites are expected to be within the Abu Dhabi Emirate in order to facilitate monitoring by the college supervisor.
Pharmacology 2 (0203482)	This course is given to the third year students at the first semester and deals with the pharmacological actions and the therapeutic uses of drugs on the cardiovascular system, the renal system, the respiratory system, antidiabetic drugs, drugs that act on the endocrine gland and the drugs used to treat diseases of the blood (agents used in anaemia, haematopoietic growth factors, drugs used in disorders of coagulation). These classes of drugs are studied in terms of their pharmacokinetics, mechanism of actions, adverse effects, indications and contraindications.

Pharmacology 3 (0203483)	This course is given to the third year students at the second semester and deals with the pharmacological actions and the therapeutic uses of drugs on the CNS system (Opioids, Antidepressants and Anxiolytics), different chemotherapeutic agents like (Antibacterial, Antifungal, Antiviral, Anticancer, Anti tuberculosis, Antiprotozoal and Antimalarial). These classes of drugs are studied in terms of their pharmacokinetics, mechanism of actions, adverse effects, indications and contraindications.
Phytotherapy and Dietary Supplements (0203484)	The course also provides students with basic understanding and knowledge of herbal medicine and dietary supplements often used by patients to self-treat a health condition or to maintain a healthy body as well as their methods of preparation and analysis. Herbal & dietary supplements account for a significant market worldwide, and pharmacists are best suited to counsel and provide advice to the patient in this area of drug expertise.
Pharmacogenomics (0204300)	This course provides students with an introduction into the basic molecular and genetic principles underpinning human variation and disease susceptibility. The course also introduces the concepts of molecular medicine and pharmacogenomics. The course is designed to provide students with a firm grounding in molecular biology, on which they can integrate more complex concepts addressed in upper level course offerings. This course will provide students with an overview of the current knowledge in pharmacogenetics with functional importance for adverse drug reactions. This involves the basic principles, concepts, and practical implications of pharmacogenomics that are relevant to clinical applications. Furthermore, this course deals with the main concepts of Molecular biology, and the different techniques used in molecular biology and genetics for the purpose of identifying, screening, diagnosis and prevention of genetic conditions.
Self-care non-prescription drugs (0204371)	Etiology of potential disease states in which the drugs are utilized, pharmacology of the drugs, self-administration techniques, relevant self-care medical devices, consideration in selection of the product, and patient counseling are also discussed in this course.
Toxicology and Emergency medicine (0204411)	This course covers the mechanism of toxicity, toxic effects of different agents on the body, including drug overdose, toxic signs, drug abuse, and toxicity of: analgesics, barbiturates, hypnotics, amphetamine cocaine, and Digoxin. The course will focus on toxicity clinical features, essential laboratory investigations, supportive care, specific measures and anti-dote for drugs and abuse drugs
Marketing and Pharmacoeconomics (0204420)	This course is divided into two sections; Marketing and Pharmacoeconomics. The marketing part is designed to introduce students to the theory and practice of the marketing sciences in the pharmacy profession. This part will focus on the fundamental principles of marketing and selling of pharmaceutical products by providing students with a broad understanding of the different consumer and health care provider's behavior. Students will be given the opportunity to apply the relevant theories to practical marketing issues through encouraging students to conduct role-plays; produce written work and collaborate with peers on set tasks or projects. The pharmacoeconomics part will discuss the concepts and applications of Pharmacoeconomics. Moreover, studying different Pharmacoeconomic evaluation methods to identify, measure and compare the costs, risks and benefits of therapies and determining which alternative produces the best health outcome for the resource invested will provide the students with decision making skills based on different pharmacoeconomics evaluation methods.
Pharmaceutical Management (0204421)	Pharmaceutical Management is designed for Pharmacy to equip them with essential management skills and theory with a specialist pharma focus on the key industries and challenges. The course will give you the opportunity to apply management theory and concepts to your Pharmacy sector across a range of different subject areas. You will develop your knowledge and competences to set yourself apart in this dynamic and competitive Pharmaceutical sector. Pharmaceutical Management course gives a comprehensive overview of the Pharmacy and Healthcare management as profession. Understanding the roles, functions and responsibilities carried out by healthcare managers. It provides a framework for addressing management problems in health care organizations. By the end of the course you will have been exposed to many management ideas, theories and applications.

Pharmacotherapy 1 (0204429)	This course is the foundation for the delivery of pharmaceutical care and achieved by studying the clinical use of medication in the prevention and treatment of diseases. The course will be taught in a problem-based format where cases would be discussed in relation to the disease state studied. This course covers epidemiology, etiology, Pathophysiology, principles of non-pharmacological and drug treatment, evaluation of clinical trials, and drug monitoring of certain GIT, renal and urological diseases.
Pharmacotherapy 2 (0204431)	This course is the foundation for the delivery of pharmaceutical care and achieved by studying the clinical use of medication in the prevention and treatment of diseases. The course will be taught in a problem-based format where cases would be discussed in relation to the disease state studied. This course covers epidemiology, etiology, pathophysiology, principles of non-pharmacological and drug treatment, evaluation of clinical trials, and drug monitoring of cardiovascular diseases.
Pharmacotherapy 3 (0204432)	This course is the foundation for the delivery of pharmaceutical care and achieved by studying the clinical use of medication in the prevention and treatment of diseases. The course will be taught in a problem-based format where cases would be discussed in relation to the disease state studied. This course covers epidemiology, etiology, pathophysiology, principles of non-pharmacological and drug treatment, evaluation of clinical trials, and drug monitoring of certain infectious, bone and joint disorders.
Pharmacotherapy 4 (0204433)	Utilizing a pathophysiological approach, the course curriculum focuses on the structural and functional consequences of disease on certain endocrine and respiratory diseases of various organ systems in the body. The course will be introduced in a problem based format where clinical cases would be discussed in relation to the disease state studied. A block of information includes the epidemiology, etiology, pathophysiology, non-pharmacological and pharmacological treatment, evaluation of clinical trials, and drug monitoring of certain drugs in use.
Pharmacy Practice and Pharmaceutical Care (0204451)	This course includes an overview of pharmacy profession worldwide, issues of contemporary pharmacy on national and international levels, emerging and unique roles of the pharmacist as an active member in the health care team, concepts of pharmaceutical care, medication therapy, management services, patient- oriented pharmacy services, SOAP system for pharmaceutical care, with review of systems in details, methods and outcomes of monitoring and assessment techniques, development of pharmaceutical care plans relative to disease states, role of pharmacist in ambulatory institutional and long term care.
AI and Digital Pharmacy (0204452)	This course is designed to familiarize the pharmacy students with telehealth, telepharmacy and artificial intelligence applications (pharmacy automation & robotics) in pharmacy practice, spurred by the COVID-19 pandemic. With the increasing complexity of smartphone apps, app-connected sensors and other technological advancements, the competencies of the health workforce must be developed accordingly. This course facilitates the preparedness of graduates for the evolving health systems in the light of digital health and use of information technology in pharmacy and more widely in healthcare. Learners gain expertise to serve as a facilitator for telepharmacy services as part of an interdisciplinary team and apply them in their own institution. Following topics will be covered: Digital health concepts related to implementing digital health tools in clinical care, online/remote (patient) counseling, Remote patient monitoring, electronic health records, e-Prescribing, e-Dispensing, Online pharmacy, Telemedicine/telehealth/ virtual care, Digital therapeutics, Digital medicine, Blockchain technology and bots, ethics and compliance, innovation and creativity, and data privacy and security, e-Professionalism, reimbursement/remuneration for providing digital health services and cybersecurity, mobile health apps and wearable devices, Clinical reasoning and decision making, Digital health literacy.
Medication Information and Literature Evaluation (0204460)	This course introduces the students to fundamentals of medication information, types of literature with evaluation for each, types of study designs, evaluation of clinical trials, sampling and randomization, information skills for the delivery of pharmaceutical care, understanding the practical implications of the literature, technology of drug information, and retrieval for quality assurance.

Introductory Pharmacy Practice Experience 3 (0203490)	The course introductory pharmacy practice experience 3 is designed to be taken during the summer, following the completion of the introductory pharmacy practice 2 (0203390). This is the third introductory pharmacy practice experience and is carried out to improve student's practice and interaction skills with pharmacists, and patients. Consolidation of confidence, personal responsibilities and dispensing of prescriptions under the supervision of the pharmacy preceptor (licensed pharmacist). The trainees should widen their knowledge about the controlled drugs with regard to their dispensing, storage, and order. Emphasis will be given to how to check the type of prescription and patient consultation by the registered pharmacist. Also during this course the student will be able to predict the prescribing errors and the type of error, so, the student will be able to differentiate between the right prescription and the one with error. The training is expected to follow the eighth semester level. The training sites are expected to be within the Abu Dhabi Emirate in order to facilitate monitoring by the college supervisor. The training is expected to follow the sixth semester level. The training sites are expected to be within the Abu Dhabi Emirate in order to facilitate monitoring by the college supervisor. IPPE3 course will focus on prescription medications including; chronic diseases medications Antibiotics, and controlled drugs
Advanced Pharmacy Practice Experience (APPE)-1, Internal Medicine (0204595)	This Advanced Pharmacy Practice Experience (APPE)-1, Internal Medicine will enable the students to specify how they will access patient or clinic and to observe the practice of internal medicine in hospital setting including therapeutic drug monitoring, clinical interventions and rational prescribing of drug therapy. These transfer students to the stage of major principles of pharmacokinetics in relation to monitoring of hepatic and renal functions especially with narrow therapeutic index. Application of pharmacoeconomics and pharmacotherapeutics knowledge in determining the drug of choice and prescription verification based on the demographic and clinical details of the patient. Students will gain knowledge regarding medication counseling and calculation in IV room services for intravenous admixture and total parenteral nutrition.
Advanced Pharmacy Practice Experience (APPE)-2, Surgery (0204596)	The goal of Advanced Pharmacy Practice Experience (APPE)-2, surgery is to provide opportunities for students to build upon knowledge and skills acquired through didactic education and Introductory Pharmacy Practice Experiences in direct patient care activities in a hospital pharmacy setting and apply transfer students to the stage of major principles of pharmacokinetics in relation to monitoring of hepatic and renal functions especially with narrow therapeutic index. Application of pharmacoeconomics and pharmacotherapeutics knowledge in determining the drug of choice and prescription verification based on the demographic and clinical details of the patient. Medication counseling and calculation in iv room services for intravenous admixture and total parenteral nutrition.
Advanced Pharmacy Practice Experience (APPE)-3, Ambulatory Care (0204597)	Advanced Pharmacy Practice Experience (APPE)-3 is a course that is designed to provide the students with the necessary training to provide pharmaceutical care in the ambulatory care settings. This course builds on the knowledge and experience that was obtained during the didactic courses and IPPEs. The course will cover the management of chronic diseases such as Pulmonary diseases (COPD and Asthma), Hypertension, Diabetes Mellitus, Dyslipidemia, and Anticoagulation. The course will enhance the ability of the students to work in multidisciplinary settings and provide patient education in addition to designing and implementing patient specific pharmaceutical care plan and monitoring.
Advanced Pharmacy Practice Experience (APPE)-4, Critical Care (0204598)	Advanced Pharmacy Practice Experience (APPE)-4 is a course that is designed to provide the students with the necessary training to provide pharmaceutical care in the critical settings. This course builds on the knowledge and experience that was obtained during the didactic courses and IPPEs. The course will cover different aspects of critical care such as acid base disturbances, acute respiratory distress syndrome, fluid and electrolytes disturbances, etc. The course will enhance the ability of the students to work in multidisciplinary settings and provide patient education in addition to designing and implementing patient specific pharmaceutical care plan and monitoring.
Industrial Pharmacy - Training (0204594)	Industrial pharmacy training can be taken by the students after completing its prerequisite Biopharmaceutics and Pharmacokinetics (0203360). The course is scheduled in the ninth (final) semester that is dedicated for training; however, it can be taken earlier provided the prerequisite has been passed. The training is planned to be taken in the U.A.E, but other training premises may be considered. The pharmaceutical industry of U.A.E (and any other approved training facility) should fulfill the following requirements: 1. Should apply cGMP. 2. Should have manufacturing capacity of all types of pharmaceutical products, a well-developed R & D section, a good quality control department and well-arranged storage facilities. 3. Should have a license from MOH. 4. Should be functional and operative.

Bachelor of Science in Nutrition and Dietetics Program

About the Program

Our undergraduate Nutrition and Dietetics program is a four-year program spread over eight semesters and leading to a degree in BSc. (Nutrition and Dietetics). The program will provide the students with a strong background to make them understand the major role of healthy nutrition in the prevention, development, and treatment of most major diseases. It will produce competent dietitians and nutritionists who understand the relationships between nutrition, health, and disease. The program will provide a proper environment to sharpen students' critical thinking and problem solving skills, to enhance students' communication and leadership skills.

Vision

Our program aspires to be a recognized program for quality education, research and community intervention in clinical nutrition and dietetics at the national and international levels.

Mission

The proposed program's mission is to prepare competent, culturally sensitive graduates who are going to succeed in the nutrition and dietetics profession, employ evidence - based practice in promoting health and quality of life of the community; and foster an appreciation of interdisciplinary collaboration, professional leadership and commitment.

Program Learning Outcomes

Program Intended Learning Outcomes for the BSND Program
This Program Learning Outcomes is based on the Emirates Qualification Framework (QF Emirates):

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Describe in depth the underlying principles and theoretical concepts related to Nutrition and Dietetics program including; physical and biological sciences, principles of food sciences and systems, techniques of quality and safe food preparation, and finally principles of human nutritional care	K

2	Integrate theoretical knowledge learned in the program into practice and utilizes principles of scientific enquiry and research methodology to identify and solve nutrition-related problems	K
3	Conduct a nutritional care process including; nutritional assessment, analyzing and interpreting assessment data, identify nutrition-related problems and implement nutritional interventions based on evidence-based practice	K, S
4	Assesses, develops, monitors and evaluates health nutrition programs for individuals or target population and apply nutritional quality and management principles to different food service systems	K, S
5	Practice independently or in a team to manage effectively nutritional care activities in different settings and demonstrate leadership and innovation in delivering and managing professional services in community	S, R
6	Practice nutritional care activities in various contexts in highly professional manners and collaborate with healthcare providers and community and industrial stakeholders to improve individuals' health outcomes and to promote health and wellbeing of society	S, R
7	Observe legal and ethical standards when applying professional guidelines to food and nutritional services, and take responsibility for continuous self-development and learning	R

(K: Knowledge, S: Skill, R: Responsibility)

Study Plan for Academic Year 2025/2026 (132) CR.H./ Nutrition and Dietetics Program

Course No.	Course Title	CR.H.	Prerequisite
First: General University Education (33) CR.H			
(1) Compulsory Course (27) CR.H.			
0102120	Computer Skills	3	
0200100	Biology	3	
0401120	English I	3	
0401121	English 2	3	(0401120)
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund.of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H *The student is required to choose Only One course from each of the following groups:*			
a) Society and civilization			
0406100	Arabs & Muslims' Contributions to Arts & Sciences	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self- Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Basic Sciences and Biomedical courses (19) CR.H.			
0200220	Physiology	3	(0200100)
0201100	Chemistry	3	
0201120	Pharmaceutical Analytical Chemistry	4	(0201100)
0201210	Pharmaceutical Organic Chemistry 1	3	(0201100)
0201240	Biochemistry	3	(0201210)
0701240	Food Microbiology	3	

Course No.	Course Title	CR.H.	Prerequisite
Third: Nutrition and Dietetics courses (64) CR.H.			
0701120	Fundamentals of Nutrition	3	(0200100)
0701220	Nutrition in Life Span	3	(0701120)
0701221	Ethics for Healthcare Professionals	2	
0701222	Pharmacology for Dietitians	2	
0701223	Basics of Food Science	3	(0701120)
0701224	Food Production & Preparation	3	(0701120)
0701225	Nutrition & Metabolism	3	(0201240)
0701320	Food Chemistry	3	(0201210)
0701321	Health Promotion for Dietitians	2	(0701221)
0701322	Nutrition in Inborn Errors of Metabolism	2	(0701225)
0701323	Nutritional Assessment	3	(0701225)
0701324	Communication in Nutrition	2	
0701325	Biostatistics & Research Methods	2	
0701326	FoodService Systems Management	3	(0701320)
0701327	Medical Nutrition Therapy I	4	(0701323 &0701322)
0701328	Community Nutrition	3	
0701329	Menu Planning	3	(0701120)
0701330	Food Quality & Safety	3	(0701224)
0701420	Sports and Fitness Nutrition	3	(0701225)
0701421	Alternative Food & Herbal Therapy	2	(0701327)
0701422	Topics in Dietetics Practice	3	(0701328)
0701427	Medical Nutrition Therapy II	4	(0701327)
0701490	Capstone Course	3	(0701325)
Fourth : Experiential Education (16) CR.H.			
0701340	Community Practicum	3	(0701221 &0701328)
0701440	Dietetic Practicum I in Clinical Setting 1	3	(0701427)
0701441	Dietetic Practicum II in Clinical Setting 2	3	(0701440)
0701442	Dietetic Practicum III in Clinical Setting 3	4	(0701441)
0701443	Dietitian Job Shadowing	3	(0701442)

Guidance Plan / Nutrition and Dietetics Program

First Year		Second Year			Third Year			Fourth Year	
First Semester	**Second Semester**	**First Semester**	**Second Semester**	**Sum**	**First Semester**	**Second Semester**	**Sum**	**First Semester**	**Second Semester**
Computer Skills 0101120 (3 CH)	English (2) 0401121 (3 CH)	Elective Course (Group B) (3 CH)	Food Microbiology 0701240 (3 CH)		Food Chemistry 0701320 (3 CH)	Food Service Systems Management 0701326 (3 CH)		Medical Nutrition Therapy II 0701427 (4 CH)	Dietetic Practicum I in clinical setting 0701440 (3 CH)
English (1) 0401120 (3 CH)	Islamic Culture 0406110 (3 CH)	Pharmaceutical Analytical Chemistry 0201120 (4 CH)	Pharmacology for Dietitians 0701222 (2 CH)		Health Promotion for Dietitians 0701321 (2 CH)	Medical Nutrition Therapy I 0701327 (4 CH)		Sports and Fitness Nutrition 0701420 (3 CH)	Dietetic Practicum II in clinical setting 0701441 (3 CH)
Biology 0200100 (3 CH)	Pharmaceutical Organic Chemistry 0201210 (3 CH)	Biochemistry 0201240 (3 CH)	Basics of Food Science 0701223 (3 CH)		Nutrition in Inborn Errors of Metabolism 0701322 (2 CH)	Community Nutrition 0701328 (3 CH)		Alternative Food & Herbal Therapy 0701421 (2 CH)	Dietetic Practicum III in clinical setting 0701442 (4 CH)
Chemistry 0201100 (3 CH)	Physiology 0200220 (3 CH)	Nutrition in Life Span 0701220 (3 CH)	Food Production & Preparation 0701224 (3 CH)		Nutritional Assessment 0701323 (3 CH)	Menu Planning 0701329 (3 CH)		Topics in Dietetics Practice 0701422 (3 CH)	Dietitian Job Shadowing 0701443 (3 CH)
Arabic Language 0405100 (3 CH)	Fundamentals of Nutrition 0701120 (3 CH)	Ethics for Healthcare Professionals 0701221 (2 CH)	Nutrition & Metabolism 0701225 (3 CH)		Communication in Nutrition 0701324 (2 CH)	Food Quality & Safety 0701330 (3 CH)		Capstone Course 0701490 (3 CH)	
	(Elective Course (Group A) (3 CH)	Fundamentals to Innovation and Entrepreneurship 0501170 (3 CH)	Scientific Research Methodology 0508203 (3 CH)		Biostatistics & Research Methods 0701325 (2 CH)			UAE Studies 0409103 (3CH)	
15	**18**	**18**	**17**		**14**	**16**	**3**	**18**	**13**
33		**35**			**33**			**31**	
132									

Community Practicum 0701340 (3 CH)

Brief Course Descriptions

Course Title & No.	Brief Course Description
Biology (0200100)	The course of biology is designed to give knowledge of the basic processes of life; function of components of eukaryotic cells, structure of bimolecular, structure and function of proteins, membranes and, the role of enzymes. The course helps the students to understand cell signaling, DNA replication, protein synthesis and, biotechnology techniques. The students would be given an overview on bioinformatics and also learn to use basic tools in genome sequence analysis. The course also deals with some aspects of the functioning of human systems and ecology.
Physiology (0200220)	This course covers the macro and microstructure of major body systems, cell physiology, molecular aspects of cell biology, and the functions of major body systems: integumentary, muscular skeletal, cardiovascular, lymphatic, respiratory, digestive, nervous, endocrine, urinary, and reproductive systems, body fluid and electrolytes, along with homeostatic mechanism maintaining normal function of the body, with demonstrations of relevant measurements.
Chemistry (0201100)	The course presents fundamentals of certain topics in chemistry which includes basic knowledge of the atom, the electronic structure and configuration of various atoms. It also describes the importance of the periodic table and chemical bonding. The course details the importance of acids and bases, solutions and solubility. The course also includes topics on gases and thermochemistry
Pharmaceutical Analytical Chemistry (0201120)	This course covers the fundamentals of analysis, law of mass action, common ion effect, ionization, buffer and buffer system in analysis, stoichiometry, preparation of solutions, indicators, titrimetric methods, potentiometric determination of end points, acid- base reactions, precipitation reactions, redox reactions, complexation reactions, spectrophotometry and chromatographic analysis, volumetric methods for analysis of raw materials and finished products. Practical work offers the required knowledge and skills for the student to perform the analysis of different analytes, pharmaceutical raw materials and finished products using one or more of the above methods.
Pharmaceutical Organic Chemistry (1) 0201210	This course covers fundamentals topics of pharmaceutical organic chemistry which includes bonding, isomerism, aliphatic hydrocarbons, alkyl halides, alcohols, ethers. It also covers stereochemistry, chirality and optical activity. It aims also to introduce and highlight pharmaceutical applications.
Biochemistry 0201240	This course covers chemistry of proteins, lipids, carbohydrates and DNA, enzymology, bioenergetics, and metabolic pathways of energy utilization, mitochondrial respiration and oxidative phosphorylation, active transport, phosphate pathway and Krebs cycle, nucleic acid, carbohydrates, fats, amino acids, and hormones metabolism. This course is designed to provide a comprehensive survey of the major topics in biochemistry, with the objective of developing the tools necessary to understand biological processes in chemical terms. It provides an introduction to biomolecules in living matter. The building blocks of macromolecules (amino acids, monosaccharides, fatty acids and purine and pyrimidine bases) will be contrasted with the enormous variety and adaptability that is obtained with the different macromolecules (proteins, carbohydrates, lipids and nucleic acids). It focuses on the structural organization and function of biomolecules; proteins, carbohydrates, lipids and nucleic acids. The course further leads into carbohydrate, protein and lipid metabolism. Furthermore, the course gives a brief on the role of biotechnology in treatment of human diseases.
Fundamentals of Nutrition (0701120)	This course is a preface to food and nutrition as a healthy life style component as well as acknowledges the student about the basic principles of essential nutrients, including, their sources, absorption, functions, and their requirements.
Nutrition Life Span (0701220)	Principles of nutrition applied to meeting dietary needs of individuals throughout their life cycle. Study of relationship among nutrition, growth, development, and maturity with emphasis on physical and psychosocial considerations affecting food intake

Food Microbiology (0701240)	This course covers advances in several areas of food processing technologies as well as HACCP implementation for ensuring the safety of the food supply. The course will provide knowledge on the effects and significance of the presence and growth of microorganisms in foods. Students will understand the relationship of microorganisms to food safety and quality, food borne illness and intoxication and food preservation and bioprocessing. It will identify the major microbes involved in foodborne illnesses.
Nutrition & Metabolism (0701225)	Nutrition is intimately linked with body metabolism. The goal of this course is to give you an understanding of what the body does with the food we eat. We begin with a detailed study of enzymes including the importance of vitamins and minerals. We then examine metabolic reactions used to obtain energy from carbohydrates, protein and fat as well as reactions used to rid our body wastes such as urea and uric acid. The key role of the liver in metabolism will be emphasized throughout the course. Other topics will include digestive hormones, production of lactic acid, lipid carriers and the effects of low carbohydrate diets, including the effect oninsulin/glucagon ratio, gluconeogenesis, ketosis and more.
Pharmacology for Dietitians (0701222)	This course provides an integrated approach to the biochemical functions and nutritional metabolism and drug nutrient interactions of fat-soluble and water-soluble vitamins. The course will emphasize on the comprehensive study of terms used by health care practitioners to describe laboratory, radiology, pathology procedures and pharmacological products by body systems. Other topics covered are, pharmacokinetics, pharmacodynamics, bioavailability and biotransformation of drugs, drug-nutrient interactions of antibiotics, antiviral drugs, IV and TPN fluids, anesthetics, anti-histamine, autonomic, cardiovascular, central nervous system, gastrointestinal, hormones and synthetic substitutes, heavy metal antagonists, non-prescription drugs
Basics of Food Science (0701223)	The fundamental biological, chemical and physical scientific principles associated with the study of foods; topics include food composition and nutrition, food additives and regulations, food safety and toxicology, food processing, food engineering, food biotechnology, product development and sensory evaluation
Food Production & Preparation (0701224)	The course will introduce the student to the principles of food preparation in commercial operations. Topics will deal with food selection, evaluation, and labeling; standard and other types of recipes; care and use of equipment; and how to receive raw materials and store them. Basic food preparation skills will be taught using healthy cooking methods. Emphasis will be placed on the basic food preparation of entrees: fat and oils, milk, eggs, meats, poultry, fish, vegetables, fruits and sweeteners.
Nutrition in Inborn Errors of Metabolism (0701322)	This course introduces the most commonly encountered inborn errors of metabolism that have nutritional implications. The course will give insight on nutrition in critical care. It will highlight clinical presentation, diagnosis and treatment; mainly, medical nutrition therapy based on evidence, previous and current research.
Food Chemistry (0701320)	This course gives the student an understanding of the chemical aspects of food composition. Emphasis is given to the functional properties and chemical reactions of the major components of foods: carbohydrates, lipids, protein and water. Also, will give the students an understanding of the chemical reactions taking place in foods from harvest to consumption.
Dietitian Job Shadowing (701443)	The course will provide experience beyond the classroom and help students transition from classroom learning to professional application. Students are going to observe a practicing dietitian for a total of 10 working days (80 hours will be distributed among the 10 five Thursdays of the semester) in the various settings of dietetics to include clinical, community and food service management. Prior to that, students will have total theory lectures of 3 CH/ week for the first five weeks of the semester.
Biostatistics & Research Methods (0701325)	The course provides a survey of data and data types. Specific topics include tools for describing central tendency and variability in data; methods for performing inference on population means and proportions via sample data; statistical hypothesis testing and its application to group comparisons; issues of power and sample size in study designs; and random sample and other study types.

Nutritional Assessment (0701323)	This course provides an introduction for the nutritional assessment as part of nutrition care process. It orients the students to the basic aspects of nutritional assessment systems. It emphasizes on the theoretical knowledge and practical skills regarding different aspects of nutritional assessment: anthropometric, laboratory, clinical, dietary assessments and includes an evaluation of their strengths and limitations. The laboratory sessions utilize active application of tools and techniques used for assessment of nutritional status that is specific for the individualized care of patients/clients. These laboratory-based sessions will include a) nutritional assessment via dietary, biochemical and anthropometric methods, b) statistical analysis & interpretation of dietary assessment and c) clinical examination of a patient.
Communication in Nutrition (0701324)	The course will cover communication, behavioral, and counseling theories as they relate to nutrition counseling. Emphasis on development of skills to promote healthy eating behaviors. Examination of eating disorders and obesity, including preventative and therapeutic interventions. The course aims at developing knowledge and understanding of health behavior and learning theories and practices in order to plan and produce nutrition education programs or communication messages, tools and techniques that will contribute to preventing diet-related diseases and promoting health. This course will address nutrition communication and education theories applied to individuals and groups.
Food Service Systems Management (0701326)	This course is a basic course in the Food Service Systems Management. It is mainly designed to target students of little previous knowledge in food science, food technology or nutrition. This course aims at enhancing students' knowledge about food service management at different Food establishments, Planning menus, Food purchasing and storage under aseptic conditions.
Medical Nutrition Therapy I (0701327)	The course provides detailed information on the role of nutrition in the prevention and treatment of disease. This course covers conditions most seen in dietetic clinics; obesity, diabetes, cardiovascular, upper and lower gastrointestinal, hepatobiliary, pancreatic, endocrine and exocrine diseases. The disease process, related biochemical issues, nutritional assessment, medical nutrition therapy and food and fluid issues are discussed in detail for each disease. The practical component will focus on utilizing the nutrition care process to assist in understanding evidence-based assessment practices, diagnosis of nutrition- related problems, the physiology and nutrition interventions for specific diseases and disorders during the acute and chronic setting including nutrition support options, and appropriate monitoring and evaluation techniques during follow up. The diseases and disorders that will be focused on, but not limited to, are inborn errors of metabolism and hyper metabolism in the acute and chronic setting including nutrition support options.
Community Nutrition (0701328)	This course will examine the role of nutrition in promoting, maintaining and improving health in the community. The course includes an introduction to public health nutrition, food programs, and national nutrition monitoring. It investigates traditional aspects of the emerging health delivery system, as well as entrepreneurial ventures. During the course, students will study the effects of socioeconomic statuses, cultural, legislative, political, scientific and psychological factors on public food choices and community health nutrition. Students will learn how to target populations, deliver effective nutrition interventions in the community and perform a community-based needs assessment. Learning of principles related to nutrition education, program planning, and outcome evaluations will be also discussed.
Menu planning (0701329)	This course encompasses the principles and techniques of menu planning for healthy persons. Topics include nutrient needs for optimum health, dietary guidelines, food groups, food portion sizes, and the use of exchange lists for meal planning and client nutrition education in both the English and Arabic languages. In this course, students will master the process of translating the nutrition needs of individuals and groups into food choices and selected menus composed of international, local and Middle Eastern foods.

Food Quality & Safety (0701330)	This course is designed to address food safety and quality practices. This course will introduce the students to the prospective of foodborne illnesses and food poisoning, including biological, chemical and physical hazards that could be contracted via food. In addition, it will focus on the vehicles, processes and food handling practices that could lead to a foodborne illness. It will cover some topics related to the role of food processing, handling, packaging, and storage on food wholesomeness. Part of this course will concentrate on the foodborne diseases that affect populations at high risk. Moreover, the principles of the hazard analysis critical control point (HACCP) system and its importance in reducing the prevalence of food borne poisoning will also be demonstrated. Food safety concerns in large-scale and small-scale food production areas will be discussed.
Medical Nutrition Therapy II (0701427)	The course provides detailed information on the role of nutrition in the prevention and treatment of disease. This course covers conditions most seen in dietetic clinics; renal, hematological, neurological, pulmonary, metabolic stress, neoplastic diseases and AIDS. The disease process, related biochemical issues, nutritional assessment, medical nutrition therapy and food and fluid issues are discussed in detail for each disease. The practical component will focus on utilizing the nutrition care process to assist in understanding evidence-based assessment practices, diagnosis of nutrition-related problems, the physiology and nutrition interventions for specific diseases and disorders during the acute and chronic setting including nutrition support options, and appropriate monitoring and evaluation techniques during follow up. The diseases and disorders that will be focused on, but not limited to, are inborn errors of metabolism, oncology, and hypermetabolism in the acute and chronic setting including nutrition support options.
Sports and Fitness Nutrition (0701420)	The main focus of this course is to identify and understand the role of nutrition in fitness and sports. The contents are focused on where nutrition can help maximize muscle strength, endurance, and flexibility; through building muscle and reducing fat. Techniques for guiding athletes in proper nutrition in training, and effective methods to prevent dehydration and sports related injuries due to insufficient nutrient levels will be delivered. Real case studies are examined, exploring leading methods & techniques in optimizing sports performance with proper nutrition.
Ethics for Healthcare Professionals (0701221)	The course will cover an overview of the history of ethics, Blanchard & Peale's 3-step model, ecological model, approaches to ethics, applying ethics to the healthcare professionals, confidentiality, medical records, patients' rights and liability in healthcare system.
Alternative Food & Herbal Therapy (0701421)	The course content provides students with information about food, botanical or herbal products that allow them to make judgments about clinical effectiveness and potential for adverse consequences in patients. The course explores the various aspects of food, herbs and dietary supplements as part of Complementary, Alternative, and Integrative therapy; and further gives an insight into aspects related to their safety and efficacy. The course includes a variety of in-class activities (lectures and discussions) and active learning via case studies and literature survey of current research.
Artificial Intelligence in Nutrition and Dietetics (0701422)	This is a variable-content course. The course explores advanced and hot topics in the areas of nutrition, foods, exercise or health, using higher- order thinking and problem-solving skills. Qualitatively and quantitatively, the course assesses current facts supported by scientific literature, as well as controversial issues with conflicting data.
Capstone Course (0701490)	This capstone course equips students with the skills required to use their curriculum-based culminating experience (knowledge, behaviors and skills) in examination of the scientific methods and evidencebased guidelines and protocols and their application to the study of nutrition- based research questions and clinical practice issues - including standards of responsible research conduct and evidence-based practice. Students will develop an understanding of how to conduct a project beginning with the conception of ideas and concluding with depicting written results and discussing them, along with proper citations. The course helps students combine, apply, and practice nutrition/food science knowledge skills acquired throughout their undergraduate courses and to compile a comprehensive report including a literature review, methodology, results, discussions and conclusions.

Health Promotion for Dietitians (0701321)	The course will give students a working knowledge of health promotion concepts and methods and their application to health and health behaviors, with a special emphasis on the philosophical and theoretical foundations of health promotion. Also, it identifies and discusses the innovative health campaigns, strategies, and policies being implemented and enacted to improve health behaviors and practices that ultimately improve quality of life
Community Practicum (0701340)	The course involves the application of the nutrition appraisal concepts and creation of the nutrition chart as a part of health care for persons and groups in the community. The course helps in introducing diseases related to nutrition. The focus will be on the application of knowledge and skills acquired in didactic courses in health promotion, nutrition education, planning, and evaluation. The goal of this course is to make students use the knowledge and skills acquired from the theoretical courses in working with individuals and communities to assess and intervene in health promoting activities. The practicum offers the opportunity to apply the theories and skill sets learned in the classroom to the real world including an experience in menu planning and production. The practicum is completed under the supervision of a qualified and experienced food and nutrition professional in the community setting. Students will spend 3 weeks of 120 contact hours of supervised practice.
Dietetic Practicum I in Clinical Setting 1 (0701440)	The course practicum II (clinical nutrition I) is designed to be taken during the final semester. This is the second practice experience and is carried out to improve student's practice skills in interaction with health care professionals and patients. They should also enhance their knowledge about insurance companies in the UAE and the policies of each one. The training is expected to follow the 10th semester level. The training sites are expected to be within the Abu Dhabi Emirate in order to facilitate monitoring by the college supervisor. The course gives students the approaches into the basics and practice of clinical nutrition. The students understand the role of nutrition in the pathophysiology of chronic diseases, and nourishment in managing certain diseases such as metabolic disorders, and kidney diseases together with total parenteral nutrition support, in cases of stress and trauma in addition to certain diseases such as, cancer, HIV infection. The hospital setting gives a chance for students to shadow personal learning aims and concepts pertinent to their role as practitioners, educationalists. By the end of the course, students will have also completed a comprehensive case study on a patient with a chosen medical condition, which will be peer-reviewed. At the end of the course, students will present a summary of lessons learned to an audience composed of fellow students and incoming students
Dietetic Practicum II in Clinical Setting 2 (0701441)	The course practicum II (clinical nutrition II) is designed to be taken during the second semester of the fourth year, following the successful completion of its pre-requisite Ethics for Healthcare Professionals. This is the third practice experience and is carried out to improve student's practice skills in interaction with health care professionals and patients. The training is expected to follow the 12th-semester level. The training sites are expected to be within the Abu Dhabi Emirate in order to facilitate monitoring by the college supervisor. The course is planned to highlight the value of nutrition in retaining health and wellness. The students are aware of the nutrition care process, and the use of nutrition assessment tools on patients in clinical training. The value of the therapeutic diet in relation to certain diseases such as diabetes, cardiovascular disease, obesity will be examined. Students will be familiar with the application of dietary alteration by diet writing/menu marking in the hospital setting. The hospital setting gives a chance for students to shadow personal learning aims and concepts pertinent to their role as practitioners, educationalists. By the end of the course, students will have also completed a comprehensive case study on a patient with a chosen medical condition, which will be peer-reviewed. At the end of the course, students will present a summary of lessons learned to an audience composed of fellow students and incoming students. Students will spend 3 weeks of a total of 120 contact hours of supervised dietetic practice (dietetic internship). The program provides interdisciplinary practicum that will prepare dietetic interns to attain entry level competencies in nutrition therapy. Goal: Gain an understanding of the role of the clinical

Dietetic Practicum III in Clinical Setting 3 (0701442)	The course practicum III (clinical nutrition II) is designed to be taken during the second semester of the fourth year, following the successful completion of its pre-requisite Ethics for Healthcare Professionals. This is the third practice experience and is carried out to improve student's practice skills in interaction with health care professionals and patients. The training is expected to follow the 13th-semester level. The training sites are expected to be within the Abu Dhabi Emirate in order to facilitate monitoring by the college supervisor. The course is planned to highlight the value of nutrition in retaining health and wellness. The students are aware of the nutrition care process, and the use of nutrition assessment tools on patients in clinical training. The value of the therapeutic diet in relation to certain gastroenterological disorders will be examined. Students will be familiar with the application of dietary alteration by diet writing/menu marking in the hospital setting. The hospital setting gives a chance for students to shadow personal learning aims and concepts pertinent to their role as practitioners, educationalists. By the end of the course, students will have also completed a comprehensive case study on a patient with a chosen medical condition, which will be peer-reviewed. At the end of the course, students will present a summary of lessons learned to an audience composed of fellow students and incoming students. Students will spend 4 weeks of a total of 160 contact hours of supervised dietetic practice (dietetic internship)

1- Master of Science in Clinical Pharmacy Program

About the Program

Our Master of Science in Clinical Pharmacy is a program designed to support pharmacists to develop the knowledge, clinical skills and behaviors required to provide more patient-centered care as part of multidisciplinary healthcare teams.

Vision

To revolutionize clinical pharmacy practice and healthcare through interdisciplinary education, training and research.

Mission

Our mission is to educate and inspire a diverse group of professional clinical pharmacists to be leaders, advance patient care, and improve health for all.
We seek to create, disseminate, and apply new knowledge that endows our graduates with the skills, abilities, behaviors, and attitudes necessary to apply the clinical sciences to the provision of inter-professional patient-centered care, management of medication use systems, advocacy of population health and wellness, and collaborative discovery and implementation of solutions to today's and tomorrow's healthcare problems.

Programs completion requirements:

The degree of Master of Science in Clinical Pharmacy will be granted to a student if s/he fulfills the following requirements:
1. Successfully complete the courses, which comprise 24 credit hours followed by 6 credit hours' clinical clerkship and 6 credit hours' dissertation.
2. Successfully complete the dissertation/thesis, including the defense.
3. Obtains a minimum Cumulative Grade Point Average (CGPA) of 3 out of 4.

Program Learning Outcomes

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Demonstrate a comprehensive, up-to-date knowledge in delivering specialized clinical services required, building on the existing knowledge of disease states, pharmacology, pharmacokinetics and therapeutics to be implemented in the clinical practice.	K
2	Design a complex personalized pharmaceutical care plan, considering comorbidities and socioeconomic factors to optimize patient health outcomes	S
3	Demonstrate effective inter-professional teamwork in complex clinical situations, ensuring accurate and reliable communication with specialist and non-specialist audiences (e.g.: healthcare providers and patients)	S, R
4	Detect, predict, prevent, and report adverse drug reactions, medication errors, and other aspects of medication safety. Provide advanced and specialized recommendations for patient safety	K, S, R
5	Critically evaluate the literature and undertake practice-based research to enhance problem-solving skills and employ it into the clinical practice.	S, R
6	Utilize self and continuing professional learning skills at an advanced level to continuously enhance pharmacy professional practice	R
7	Apply ethical and evidence-based pharmacy practices in complex decision-making processes.	S, R

(K: Knowledge, S: skill, R: Responsibility)

Study Plan for Academic Year 2025/2026 (36) CR.H./ Master of Science in Clinical Pharmacy Program

Course No.	Course Title	CR. H.	Prerequisite	المتطلب السابق	عدد الساعات المعتمدة	اسم المساق	رقم المساق
Specialization Courses (36) CR.H.				(36)			
(1) Core Compulsory Courses (24) CR.H						المتطلبات الاساسية الإجبارية (24)	(1)
0202611	Biostatistics and Research Design	2			2	الإحصاء الحيوي وتصميم البحوث	0202611
0202612	Pharmacotherapeutics-cardiovascular	3			3	العلاج الدوائي المتقدم (القلب والاوعية الدموية)	0202612
0202613	Pharmacotherapeutics - Infectious Diseases	3			3	العلاج الدوائي المتقدم (الإلتحابات المكروبة)	0202613
0202614	Pharmacotherapeutics-Respiratory and GIT	3			3	العلاج الدوائي المتقدم (الجهاز التنفسي والهضمي)	0202614
0202615	Pharmacotherapeutics - Endocrinology and CNS	3			3	العلاج الدوائي المتقدم(غدد واعصاب)	0202615
0202616	Advanced Clinical Pharmacokinetics	2			2	حركية الدواء السريرية المتقدمة	0202616
0202617	Advanced Pharmacy Practice	3			3	الممارسات الصيدلانية المتقدمة	0202617
0202680	Selected topics in Pharmacy Practice	2			2	مواضيع مختارة في الصيدلة السريرية	0202680
0202619	Evidence Based Practice	3			3	الممارسات المبنية على البراهين	0202619
Internship (6) CR.H				(6)			
0202690	Clinical Clerkship	6			6	التدرب السريري	0202690
(3) Thesis (6) CR.H						(6)	(3)
0202699	Dissertation	6	(0202690)	(0202690)	6	الرسالة	0202699

Guidance Plan / Master of Science in Clinical Pharmacy Program

	First Year		Second Year	
	First Semester	Second Semester	First Semester	Second Semester
	Biostatistics and Research Design **0202611 (2CH)**	Pharmacotherapeutics – Endocrinology and CNS **0202615 (3CH)**	Clinical Clerkship **0202690 (6CH)**	Dissertation **0202699 (6CH)**
	Pharmacotherapeutics - Cardiovascular **0202612 (3CH)**	Advanced Pharmacy Practice **0202617 (3CH)**		
	Pharmacotherapeutics – Infectious Diseases **0202613 (3CH)**	Evidence Based Practice **0202619 (3CH)**		
	Selected topics in pharmacy practice **0202680 (2CH)**	Pharmacotherapeutics – Respiratory and GIT **0202614 (3CH)**		
	Advanced Clinical Pharmacokinetics **0202616 (2CH)**			
Total	**12**	**12**	**6**	**6**
Total	**24**		**12**	
Total	**36**			

Brief Course Descriptions

Course Title & No.	Brief Course Description
Biostatistics and Research Design 0202611	Biostatistics and research design provides students with advanced knowledge in research methodology and statistical methods used in health related subjects. It encompasses the design of pharmaceutical and medical studies, the collection, summarization, and analysis of data from those studies, and the interpretation and inference from the results. This course intends to focus on the application of statistical techniques in postgraduate research for health professionals, with a particular emphasis on the correct interpretation of statistical analyses. The course will not concentrate on the statistical theory underlying the subject. An important component of the course is the use of a statistical package in the SPSS computer lab in the university. The statistical package used on this course will be IBM SPSS Statistics 25 which can be used to implement all of the methods taught in this course.
Pharmacotherapeutics-Cardiovascular 0202612	Advanced pharmacotherapy courses are designed to provide advanced knowledge to understand the rationale for various therapeutic strategies. Therapeutic drug regimens will be presented as well to define appropriate doses, reasonable therapeutics goals, necessary monitoring parameters, clinically significant drug-drug interactions and adverse effects of the various medications. Establish an individualized pharmacotherapeutic plan using evidence based medicine. This course will focus on cardiovascular diseases. Advanced pharmacotherapy courses are designed to provide advanced knowledge and skills in clinical therapeutics. Students will gain the necessary skills in order to optimize patient's treatment and design an evidence based medicine individualized pharmacotherapeutic plan. The course will discuss treatment of choices, adding and adjusting medications and doses. Goals of treatment and monitoring strategies will be discussed for each disease and medications.
Pharmacotherapeutics-Infectious diseases 0202613	Advanced pharmacotherapy course is designed to promote the appropriate use of antimicrobials by selecting the appropriate dose, duration, and route of administration. Achieving this will have the potential to improve efficacy, reduce treatment-related costs, minimize drug-related adverse events, and limit the potential for emergence of antimicrobial resistance. Therapeutic drug regimens will be presented as well to define appropriate doses, reasonable therapeutics goals, necessary monitoring parameters, clinically significant drug-drug interactions and adverse effects of the various medications. Also, the rationale behind various established therapeutic strategies of an individualized pharmacotherapeutic plan on infectious diseases will be clarified using evidence based medicine.
Pharmacotherapeutics - Respiratory & GIT Disease 0202614	Advanced pharmacotherapy courses are designed to provide advanced knowledge to understand the rationale for various therapeutic strategies. Therapeutic drug regimens will be presented as well to define appropriate doses, reasonable therapeutics goals, necessary monitoring parameters, clinically significant drug-drug interactions and adverse effects of the various medications. Establish an individualized pharmacotherapeutic plan using evidence based medicine. This course will focus on respiratory, gastrointestinal and nephrology diseases.
Pharmacotherapeutics-Endocrinology & CNS 0202615	This course is designed to promote the appropriate use of medications used in endocrinology and in CNS by selecting the appropriate dose, duration, and route of administration. Achieving this will have the potential to improve efficacy of therapy, reduce treatment expenditure and minimize drug-related problems. Therapeutic plans and drug regimens will be presented as well to define appropriate doses, reasonable therapeutics goals, necessary monitoring parameters, clinically significant drug-drug interactions and adverse effects of the various medications. Also, the rationale behind various established therapeutic strategies of an individualized pharmacotherapeutic plan for endocrinology and psychiatry diseases will be clarified using evidence based medicine.

Advanced Clinical Pharmacokinetics 0202616	Clinical pharmacokinetics course will cover therapeutic drug monitoring for medications with narrow therapeutic index, drug dosing in liver and renal impairment, drug dose adjustment in dialysis patients and selected topics in certain classes of medication.
Advanced Pharmacy Practice 0202617	This course allows the student to begin understanding pharmacy practice and introduces the structure that is needed to learn the skills and knowledge required to integrate and apply patient, disease, and drug information to improve the effectiveness and safety of drug therapy.
Artificial Intelligence Applications in Clinical Pharmacy 0202680	This course is divided into four sections; Pharmacovigilance, Pharmacoepidemiology, Pharmacoeconomics and current trends in pharmacy practice. Pharmacovigilance part will prepare students to report adverse drug reactions and use post-marketing surveillance, drug utilization reviews in order to study the safety and efficacy of medications. The pharmacoepidemiology part will discuss the concepts and applications of pharmacoepidemiology. The third part is Pharmacoeconomics will prepare students with the skills to develop methodologies for studying medication use across diverse populations. This course involves studying various Pharmacoeconomic evaluation methods to identify, measure, and compare the costs, risks, and benefits of therapies, enabling students to determine the most effective health outcome for the resources invested. Additionally, it aims to equip students with decision-making skills based on different Pharmacoeconomics evaluation methods. Moreover, the students will develop the ability to critique published studies and assess their suitability for the region. The course will also cover contemporary topics in Pharmacy practice and Clinical pharmacy based on the latest publication in Q1 Clinical and Pharmacy PracticeJournals.
Evidence-Based Practice 0202619	Evidence-based practice course prepares students to use evidence derived from clinical research into designing a pharmacotherapeutic plan. Students learn how to take the clinical, ethical and economic value of the medication in consideration while managing an individual patient. This course allows students to learn how to be up to date and provide for patients using the most updated and current treatment approaches.
Clinical Clerkship 0202690	This Clerkship will enable the students to gain the skills required to practice clinical pharmacy, to gather, document, analyze and communicate information relevant to therapeutic interventions and rational drug therapy. This will allow students to apply pharmacotherapy knowledge to patient care, refine problem solving and decision making and communication skills; recommend and monitor the appropriate drug therapy; and further develop competency in pharmacy practice. Active learning strategies are employed in this course to encourage students to practice and apply their knowledge and skills gained during the program. Clinical training takes place throughout an inpatient setting over a six-week period. The students will work individually and in cooperation with other healthcare providers to assess, gather, analyze, identify and solve certain drug therapy problems and communicate information relating to therapeutic interventions and rational drug therapy. Students are required to document the encountered cases and discuss it with the assigned preceptor on a weekly basis.
Dissertation 0202699	This course aims to produce an advanced level of research skills in clinical pharmacy. Research new ideas, encourage and facilitate the development of advanced pharmacy services through primary research. Produce pharmacists capable of conceiving, implementing, and evaluating patient care services that promote the rational, safe, effective, and economical use of drug therapy

Policies and Procedures on Projects, Theses and Dissertations:

This policy outlines the procedures for the submission and evaluation of a thesis presented to fulfill a portion of the criteria for acquiring a Master of Science in Clinical Pharmacy (MSCP) at AAU. The policy articulates the roles and obligations of various stakeholders, including graduate students, their supervisors, academic units, the examination committee, the Dean and Deputy Dean of the college, and the Deanship of Scientific Research and Graduate Studies (DSRGS), within the supervision process and degree conferral.

Statement: A student may register for the thesis only after successfully studying all required courses and elective course according to the study plan with a grade point average of at least 3.0 out of 4.0 and after getting approval from his/her academic advisor.

Thesis Registration Requirements:

Students must complete the Clinical Clerkship before enrolling in thesis courses. This progression includes the sequential registration for Dissertation (6 CH).

Thesis Proposal Submission and Supervision:

One semester before initiating the thesis, students are obliged to submit a detailed proposal using the “Thesis Interest Statement” form which is reviewed and validated by Postgraduate Committee. In addition, “Thesis Plan Discussion and Approval' form and 'Appointing a Supervisor' form must be completed and cosigned by prospective supervisors and accordingly reviewed and validated to ensure alignment with academic goals and free of plagiarism. Prior to endorsements from the Program Director, Program Council, College Council, and the Dean's Council granting the final approval. Below procedures are followed:

- The student shall fill out an application of Thesis Interest Statement forms and submit it to Program Director suggesting the thesis topic and the supervisor from the teaching staff at the program.
- The Program Council discusses the application and the novelty of the research topic and suggests modification if needed.
- The Program Council appoints a member of the teaching staff to supervise the student considering the maximum number of theses the supervisor may supervise concurrently.
- Each faculty member can supervise a maximum of five (5) students concurrently, pro-vided that the supervision is limited to the academic staff with the rank of Professor, As-sociate Professor or according to the College’s instructions.
- The Program Council advocates for the appointment of junior faculty (Assistant Professor) in conjunction with experienced faculty members (Professor or Associate Professor) for cosupervision of theses, with designated roles as cosupervisor and advisor, respectively.
- The minutes of the Department/Program Council are submitted to the College Council to discuss the recommendations of the supervision for approval.

Supervision following up process:

- The supervisor shall submit a periodic report (at least once per semester) in which he/she shows the student's progress in his/her thesis to the Program Director.
- The supervisor after filling up the validity report should send the first draft of the thesis to the DSRGS to check for similarity index percentage and approval.
- The supervisor submits a request to Program Director to set a date for thesis defense and to form a committee for thesis examination.
- The Program Director studies the request and sends it with the appropriate documents to the Program council to recommend the appointment of the examination committee.
- The College Council studies the recommendation of the Program Council to approve it or amend it. The chairman of the examination committee shall be the one with the highest rank and seniority.
- The Deanship of the College submits the student's file to the Deans' Council for approval.

The file shall include:

- Minutes of the department where the supervisor commissioned.
- College Council minutes for supervision approval.
- A validity report from the supervisor.
- Similarity Report & Approval from DSRGS.
- Student record that proves he is a regular student.
- The minutes of the Program Council for forming the examination committee.
- Minutes of the College Council for approval by the examination committee.

Thesis Seminar for Oral Defense Examination:

To meet the seminar criteria, students must fulfill all thesis components and achieve a cumulative 36 CH.

External Examiner Selection:

External examiners are chosen and nominated by the supervisor based on domain-specific expertise, academic integrity, and contributions to the field, ensuring a rigorous review process. Then a full procedure carried on includes the formation of an examination committee by the program council, then college then to be approved by the deans' council.

Final Examination and Defense Protocol:

Thesis submission necessitates successive approvals from the Program Director, Deputy Dean, Dean of the College of Pharmacy, DSRGS, followed by collective consent from the Program Council, College Council, and Dean's Council. A minimum waiting period of one-month post-approval is mandated before the final examination and defense can be scheduled. The supervisor, in

agreement with the members of the examination committee, sets a date and place for the discussion, with a minimum of one month from the date of the decision of the Deans' Council.

Thesis Examination Outcomes:
When conducting the examination, the student shall be given enough time to present thesis, and then the chairman of the examination committee will manage the discussion. The discussion should not exceed one hour and a half including questions addressed to the student. Upon completion of the discussion, the committee will hold a closed session to discuss and evaluate the thesis and issue the result according to the evaluation form previously sent by examiners and filled by defense examination committee "Committee Decision-Thesis defence" form A and B and may determine one of the following actions:

- Accepted without changes.
- Accepted with minor changes; corrections must be submitted within three months.
- Required to be resubmitted with major changes within six months and the defense re-scheduled.
- Rejected, with justifications provided by the Committee.

Degree Conferral:
Upon satisfactory revision and approval, the thesis must be re-submitted in compliance with AAU's academic regulations and quality standards after Thesis Correction Completion Form filled. In addition, the student prepares the thesis in its final form (10 copies) according to the thesis format prepared by DSRGS. Studies and with a number of 10. (6) copies for the library (Al-Ain and Abu Dhabi) – (2) copies for the Deanship of the College (headquarters in Al-Ain and Abu Dhabi) – (1) copy for the DSRGS and (1) copy for the Graduate Studies Committee. A number of steps should be completed accordingly:

- The Examination Committee informs the program director about the outcome of the discussion to confirm graduation.
- The program council recommends the graduation of the student and submits it to the college council for discussion and approval.
- After approval by the College Council, the Dean or Deputy Dean shall submit the approved recommendation of graduation along with all documents to the Deans' Council for final approval. The file shall include:
  a. Copy of the minutes of the deans' council approval for appointing the examination committee.
  b. Copy of the result of the evaluation granted by the examination committee. The student's record shows that he/she is a regular student.
  c. The department's council minutes for the recommendation and graduation. The Program and College Council's minutes for the approval of graduation.
  d. Cover letter.
  e. Copy of the thesis in its final form.

Structure of Clerkship Training

- **Clerkship duration**

Clerkship duration is **24 weeks divided into 6 rotations** (4 weeks each rotation). This clinical training will be conducted in Department of Health-Abu Dhabi approved clinical settings. The rotation should cover **four weeks' rotations in each of the following five mandatory clinical (core) rotations**:

- Internal Medicine-1: Endocrinology, pain management, neurology, and hepatology and hematology units,
- Internal Medicine–2: Respiratory, Gastroenterology, nephrology and cardiology units
- Critical or Intensive Care,
- Ambulatory care,
- Surgery.

In addition to another **4 weeks of elective clinical rotations.** Elective clinical rotations should fill reminder of the weeks dedicated for clinical clerkship training:

- Infectious Diseases
- Psychiatry care
- Pediatric care
- Gynecology and Obstetrics
- Oncology care

Students have to complete first year successfully and pass the pre-clerkship exam before they can proceed for training. Students have to do a total of six rotations each one will be four-weeks long. These hours will be arranged on individual bases based on hospital policies, availability of preceptors and students' timeframe.

- **Clinical Rotations**

Table 1: Types of clinical clerkships and the corresponding contact hours

Clinical clerkships	Credit Hours	Duration (weeks)	Duration (hours)
Five mandatory clinical (core) rotations			
Internal Medicine-1	1	4	160
Internal Medicine–2	1	4	160
Critical or Intensive Care	1	4	160
Ambulatory Care	1	4	160
Surgery	1	4	160
Credit hours and contact duration	5	20	800
Elective (one) clinical rotation			
Infectious Diseases	1	4	160
Psychiatry Care	1	4	160
Pediatric Care	1	4	160
Gynecology and Obstetrics	1	4	160
Oncology care	1	4	160
Credit hours and contact duration	1	4	160
Total credit hours and contact duration	6	24	960

2- Master of Science in Pharmaceutical Sciences (MSPS)

About the Program

The Master of Science in Pharmaceutical Sciences (MSPS) is a 2-year (full-time) or up to4-years (part-time) offered in Al Ain and Abu Dhabi Campuses, including a year-round thesis, for students interested in the following research areas:

- Drug Design and Discovery.
- Pharmaceutical Analysis.
- Pharmaceutics, Drug Delivery, and Pharmacokinetics.
- Industrial Pharmacy.
- Natural Products.

Vision

The vision of the MSPS program is to produce competent graduates who can provide an added value to the pharmaceutical industry and research.

Mission

The program prepares graduates that are competent, highly skilled researchers, who can conduct a high caliber research in the field of Pharmaceutical Sciences. The graduates of this program should possess knowledge, experiences, abilities, skills, and attitudes necessary to be scientists and/or educators in pharmaceutical sciences to meet the changing problems in pharmaceutical industry, drug design and quality control laboratories. Our overall objective is to prepare experts who will lead the innovation in the national pharmaceutical industry, academic and research institutions. The college of pharmacy adopts a student-focused approach along with active learning methodologies in delivering this program.

Programs completion requirements:

The degree of Master of Science in Pharmaceutical Sciences will be granted to a student if s/he fulfills the following requirements:

1. Successfully complete the courses, which comprise 27 credit hours followed by 9 credit hours' thesis.
2. Successfully complete the dissertation/thesis, including the defense.
3. Obtains a minimum Cumulative Grade Point Average (CGPA) of 3 out of 4.

Postgraduate Research Scholarship Scheme (PRSS)

Overview

Parallel to launching the Master of Science in Pharmaceutical Sciences (MSPS) program, the College of Pharmacy (CoP-AAU) adopted a scholarship scheme (PRSS) to attract and employ distinguished BPharm (Bachelor of Pharmacy) graduates, offering them an excellent opportunity to pursue their postgraduate study in the Drug Discovery, Pharmaceutical Biotechnology, and Drug Formulation fields. This dual-faceted scheme (Scholarship-Job), is open for AAU (Al Ain University) and non-AAU graduates, offers the winners a fully funded postgraduate scholarship (tuition waiver) while working at the College of Pharmacy as partially paid Research and Teaching Assistants.

Goal

To successfully recruit the best pharmacy candidates from across the country and facilitate their progress and development through our program. To enrich our MSPS program by employing the best pharmacy graduates from different backgrounds and offering them the opportunity to pursue their postgraduate and research studies.

Application process
The successful candidates must meet all the application acceptance criteria and then pass an interview with a specialized committee from CoP. The next step is to meet the AAU admission requirements for graduate-higher studies (MSPS).

Requirements (Application Criteria)
The candidates must be Pharmacy graduates from AAU with a minimum GPA of 3.0. A resume, cover letter and research interest proposal should also be submitted.

Learning outcomes (mapped to QFE)

Program Learning Outcomes (PLO)	Aligned with L7 QFE Descriptors
Develop and integrate advanced pharmaceutical sciences knowledge into the specialized research area including drug design, pharmaceutical analysis, and drug delivery.	K, S
Identify, develop and use appropriate research theories, methodologies in basic and applied research in pharmaceutical sciences, and be able to apply innovative research concepts, techniques and procedures for carrying out particular research.	K, S
Demonstrate the ability to critically evaluate, synthesize, and integrate collected data from different sources into their research.	K, S
Operate in a professional attitude, and work independently and as part of a team, to identify gaps, realistic targets related to specific research area, and develop suitable solutions and time-frame to achieve proposed targets.	S, R
Apply and effectively communicate ideas, challenges and scientific reasoning and data analysis in both oral and in written forums.	K,S
Display advanced management skills to manage time and resources to complete all aspects of the program under different environments.	S, R
Develop new skills through self-learning and implementing highly ethical and responsible practices in pharmaceutical research.	S, R

(K: Knowledge, S: skill, R: Responsibility)

Study Plan for Academic Year 2025/2026 (36) CR.H./ Master of Science in Pharmaceutical Sciences Program

Course No	Course Title	CR.H.	Prerequisite	Prerequisite	CR.H.	Course Title	Course No
Specialization Courses (36) CR.H.				**متطلبات التخصص (36) ساعة معتمدة**			
(1) Core Compulsory Courses (21) CR.H				**(1) المتطلبات الأساسية الإجبارية (21) ساعة معتمدة**			
0205611	Advanced Pharmaceutical Chemistry	3			3	الكيمياء الصيدلانية المتقدمة	**0205611**
0205612	Biostatistics and Research Methodology	3			3	الإحصاء الحيوي و منهجية البحث	**0205612**
0205613	Advanced Pharmaceutical Analysis	3			3	التحليل الصيدلاني المتقدم	**0205613**
0205614	Advanced Biopharmaceutics and Pharmacokinetics	3			3	الصيدلة الحيوية وحركية الدواء المتقدمة	**0205614**
0205615	Drug Discovery and Design	3			3	تصميم الدوية واكتشافها	**0205615**
0205616	Pharmaceutical Biotechnology	3			3	التكنولوجيا الحيوية الصيدلانية	**0205616**
0205617	Advanced Pharmaceutical Technology	3			3	التكنولوجيا الصيدلانية المتقدمة	**0205617**
(2) Elective Courses (6) CR.H				**(2) المساقات الإختيارية (6) ساعة معتمدة**			
0205618	Advanced Drug Delivery	3			3	توصيل الدواء المتقدم	**0205618**
0205620	Drug Development and Regulatory Affairs	3			3	تطوير الادوية و الشؤون التنظيمية	**0205620**
0205623	Artificial Intelligence in Drug Discovery	3			3	الذكاء الاصطناعي في اكتشاف الأدوية	**0205623**
0205624	Cosmetology and Skin Care	3			3	التجميل والعناية بالبشرة	**0205624**
Thesis (9) CR.H				**(3) الرسالة (9) ساعة معتمدة**			
0205691	Thesis 1	6	**0205612**	**0205612**	6	الرسالة 1	**0205691**
0205692	Thesis 2	3	**0205691**	**0205691**	3	الرسالة 2	**0205692**

*The student is allowed to register for the Thesis courses only after completing all the core compulsory specialization courses.

* يُسمح للطالب التسجيل في مساقات بحث التخرج فقط عند إنهاءه جميع متطلبات التخصص الأساسية الإجبارية.

Guidance Plan / Master of Science in Pharmaceutical Sciences Program

Course Distribution (Full-Time) – 4 semesters

Year	Semester	Course Group	Course Title	Course Code	Credit Hours	Pre/Co-requisite	Total Credit Hours
1	Fall	Compulsory-General	Biostatistics and Research Methodology	0205612	3	-	9
		Compulsory-Drug Design	Advanced Pharmaceutical Chemistry OR Advanced Pharmaceutical Analysis OR Drug Discovery and Design	0205611 OR 0205613 OR 0205615	3	-	
		Compulsory-Drug Development	Advanced Biopharmaceutics and Pharmacokinetics OR Pharmaceutical Biotechnology OR Advanced Pharmaceutical Technology	0205614 OR 0205616 OR 0205617	3	-	
	Spring	Compulsory-Drug Design	Advanced Pharmaceutical Chemistry OR Advanced Pharmaceutical Analysis OR Drug Discovery and Design	0205611 OR 0205613 OR 0205615	3	-	9
		Compulsory-Drug Development	Advanced Biopharmaceutics and Pharmacokinetics OR Pharmaceutical Biotechnology OR Advanced Pharmaceutical Technology	0205614 OR 0205616 OR 0205617	3	-	
		Elective	Advanced Drug Delivery OR Drug Development and Regulatory Affairs OR Artificial Intelligence in Drug Discovery OR Cosmetology and Skin Care	0205618 OR 0205620	3	-	
2	Fall	Compulsory-Drug Design	Advanced Pharmaceutical Chemistry OR Advanced Pharmaceutical Analysis OR Drug Discovery and Design	0205611 OR 0205613 OR 0205615	3	-	9
		Compulsory-Drug Development	Advanced Biopharmaceutics and Pharmacokinetics OR Pharmaceutical Biotechnology OR Advanced Pharmaceutical Technology	0205614 OR 0205616 OR 0205617	3	-	
		Dissertation	Thesis 1	0205691	3	0205612 and complete min. 12 credit hours	
	Spring	Elective	Advanced Drug Delivery OR Drug Development and Regulatory Affairs OR Artificial Intelligence in Drug Discovery OR Cosmetology and Skin Care	0205618 OR 0205620	3	-	9
		Dissertation	Thesis 2	0205692	3	0205691	
		Dissertation	Thesis 3	0205693	3	0205692	

Guidance Plan / Master of Science in Pharmaceutical Sciences Program

Course Distribution (Part-Time Students) – 6 to 8 semesters

- Part-time students can complete the program in 6 to 8 semesters.
- The study plan below is designed for students who wish to complete the program in 6 semesters.

Year	Semester	Course Group	Course Title	Course Code	Credit Hours	Pre/Co-requisite	Total Credit Hours
1	Fall	Compulsory-General	Biostatistics and Research Methodology	0205612	3	-	6
		Compulsory-Drug Design	Advanced Pharmaceutical Chemistry OR Advanced Pharmaceutical Analysis OR Drug Discovery and Design OR Advanced Biopharmaceutics and Pharmacokinetics OR Pharmaceutical Biotechnology OR Advanced Pharmaceutical Technology	0205611 OR 0205613 OR 0205615 OR 0205614 OR 0205616 OR 0205617	3	-	
		Compulsory-Drug Development					
	Spring	Compulsory-Drug Design	Advanced Pharmaceutical Chemistry OR Advanced Pharmaceutical Analysis OR Drug Discovery and Design	0205611 OR 0205613 OR 0205615	3	-	6
		Compulsory-Drug Development	Advanced Biopharmaceutics and Pharmacokinetics OR Pharmaceutical Biotechnology OR Advanced Pharmaceutical Technology	0205614 OR 0205616 OR 0205617	3	-	
2	Fall	Compulsory-Drug Design	Advanced Pharmaceutical Chemistry OR Advanced Pharmaceutical Analysis OR Drug Discovery and Design	0205611 OR 0205613 OR 0205615	3	-	6
		Compulsory-Drug Development	Advanced Biopharmaceutics and Pharmacokinetics OR Pharmaceutical Biotechnology OR Advanced Pharmaceutical Technology	0205614 OR 0205616 OR 0205617	3	-	
	Spring	Compulsory-Drug Design	Advanced Pharmaceutical Chemistry OR Advanced Pharmaceutical Analysis OR Drug Discovery and Design OR Advanced Biopharmaceutics and Pharmacokinetics OR Pharmaceutical Biotechnology OR Advanced Pharmaceutical Technology	0205611 OR 0205613 OR 0205615 OR 0205614 OR 0205616 OR 0205617	3	-	6
		Compulsory-Drug Development					
		Elective	Advanced Drug Delivery OR Drug Development and Regulatory Affairs OR Artificial Intelligence in Drug Discovery OR Cosmetology and Skin Care	0205618 OR 0205620	3	-	
3	Fall	Elective	Advanced Drug Delivery OR Drug Development and Regulatory Affairs OR Artificial Intelligence in Drug Discovery OR Cosmetology and Skin Care	0205618 OR 0205620	3	-	6
		Dissertation	Thesis 1	0205691	3	0205612 and complete min. 12 credit hours	
	Spring	Dissertation	Thesis 2	0205692	3	0205691	6
		Dissertation	Thesis 3	0205693	3	0205692	

Brief Course Descriptions

Course Title & No.	Brief Course Description
Advanced Pharmaceutical Chemistry (0205611)	This course covers new pharmaceuticals among heterocyclic compounds integrating heterocyclic chemistry and drug discovery. This course deals also with advance applications of structure and theory to the study of organic heterocyclic compounds and their nomenclature, preparations and reaction mechanisms. It also explains the concepts and terms of combinatorial chemistry.
Biostatistics and Research Methodology (0205612)	Biostatistics and research design provide students with advanced knowledge in research methodology and statistical methods used in health related subjects. It encompasses the design of pharmaceutical and medical studies. It involves the collection, summarization, and analysis of data from those studies; and the interpretation of, and inference from, the results. The course provides an introduction to selected important topics in bio statistical concepts and reasoning
Advanced Pharmaceutical Analysis (0205613)	In this course students will gain key skills in the specialized area of pharmaceutical analysis, including good measurement and scientific practice, evaluation interpretation of data, and other professional and organizational skills. The Pharmaceutical Analysis course is designed to provide an overview of basic methods of pharmaceutical analysis including UV-visible, IR and NMR spectrophotometry, fluorescence, TLC and GC and HPLC. Methods of extraction of drugs from biological and pharmaceutical matrices are presented. Establishment of standards and specifications required for regulatory approval of drugs
Advanced Biopharmaceutics and Pharmacokinetics (0205614)	The major objective of the course is to provide the student with fundamental foundational understandings of the principles of biopharmaceutics and pharmacokinetics that can be applied to drug therapy and dispensing. Biopharmaceutics is the science that examines the interrelationships between physicochemical properties of a drug, the dosage form, specific formulation, and route by which it is administered on the one hand, and the rate and extent of drug absorption into the systemic circulation, distribution to the tissues where it produces its actions (desired and undesired), and elimination from the body on the other hand. This will enable the students to design, monitor and modify dosage regimen. It also enables them to develop interrelationship between formulation factors and pharmacokinetic aspects of drug absorption, distribution, metabolism, and excretion.
Drug Discovery and Design (0205615)	This course emphasizes general principles of drug design and drug action from an organic chemical perspective. Students will be mostly involved in discussing the whole process of drug discovery starting from lead identification and optimization until getting the drug into the market. One more aspect that this course will focus on is the role of computer in drug design, shedding some light on important topics in molecular modeling such as molecular graphics, molecular mechanics and dynamics, docking, CoMFA, and structural similarity.

Pharmaceutical Biotechnology (0205616)	As advances in technology accelerates, treatment strategies will soon involve the use of the traditional chemical entities (i.e. drugs) as well as recombinant proteins and genetic material (RNA, DNA). This course offers the students comprehensive information and insights in pharmaceutical biotechnology and the development of biopharmaceuticals in pharmaceutical industry. The students will gain an understanding in both scientific knowledge of designing and producing navel biologics.
Advanced Pharmaceutical Technology (0205617)	The course of Advanced Pharmaceutical Technology is design to provide a comprehensive knowledge of the major topics in Pharmaceutical Technology. During the course, the students will acquire basic knowledge of pre-formulating and formulation of drugs. Learn about the pharmaceutical unit operations, quality control and quality assurance of pharmaceutical dosage forms.
Advanced Drug Delivery (0205618)	The course of Advanced drug delivery Technology is designed to provide significant trends and cutting-edge advances in drug delivery system, including controlled drug delivery for specific therapeutic agents and their applications, this course also provides a well-balanced framework for understanding every major aspect of drug delivery, including drug development, production, dosage forms, administration, and therapeutic developments. In addition, the course covers advance in controlled drug delivery, muco-adhesion and bio-adhesion, aerosol drug delivery system, microencapsulation (Liposomes and Nanoparticles), transdermal drug delivery, and various implants techniques. The students will gain understanding of practical pharmaceutical dosage applications, making this an indispensable knowledge for classroom use as well as for professional reference in practice or industry.
Drug Development and Regulatory Affairs (0205620)	The course of Drug Regulatory Affairs is an introductory course that focuses on the development and commercialization of drugs, biologics, and medical device products as well as examining the rules and guidelines needed to effectively manage the FDA regulatory process, ICH guidelines and WHO in order to maintain quality system compliance.
Artificial Intelligence in Drug Discovery 0205623	This course explores the concepts of Artificial Intelligence (AI) and its applications in the field of drug discovery. It covers general introduction about the basics of AI and the drug discovery process and exploits the areas of implantation of AI and machine learning methods and tools in the different stages and fields of pharmaceutical industry that includes target identification, virtual screening, prediction of properties, activity and toxicity of different chemical entities. This module also includes a practical component where students apply these concepts and tools in form of hands-on workshops and independent projects.
Cosmetology and Skin Care 0205623	The course of cosmetology is designed to provide a comprehensive knowledge of the major topics beauty formulation and advanced technology applied. This course covers the fundamental concepts of skin care beauty product, updating theories and advanced technology used advanced formulation and evaluate the quality of product, the impact of different parameters on the selectivity, safety and preparation of finished products with safe preservative ingredients. This course provides the students to gain the knowledge and develop the skills in advanced nano-technology used for beauty product preparation.

Thesis (1, 2, 3) **0205691/2/3**	This course has been designed to enable student to develop an integrated knowledge base critical understanding of the theoretical principles, concepts and practical skills relating to the pharmaceutical sciences research. Students are required to carry out a research project drug discovery, Organic Synthesis and Medicinal Chemistry, pharmaceutical biotechnology, pharmacology, drug delivery, dosage-form formulation and pharmacokinetic assessment. A detailed knowledge of these specific scientific areas is acquired by developments at the forefront of the subject, in preparation for progress to practice in the market.

Policies and Procedures on Projects, Theses and Dissertations

This policy outlines the procedures for the submission and evaluation of a thesis presented to fulfill a portion of the criteria for acquiring a Master of Science in Pharmaceutical Sciences (MSPS) at AAU. The policy articulates the roles and obligations of various stakeholders, including graduate students, their supervisors, academic units, the examination committee, the Dean and Deputy Dean of the college, and the Deanship of Scientific Research and Graduate Studies (DSRGS), within the supervision process and degree conferral.

Statement: A student may register for the thesis only after successfully studying all required courses and elective course according to the study plan with a grade point average of at least 3.0 out of 4.0 and after getting approval from his/her academic advisor.

Thesis Registration Requirements:
Students must complete a minimum of 12 credit hours (CH) before enrolling in thesis courses. This progression includes the sequential registration for Thesis I (3 CH), followed by Thesis II (3 CH), and concluding with Thesis III (3 CH).

Thesis Proposal Submission and Supervision:
One semester before initiating the thesis, students are obliged to submit a detailed proposal using the “Thesis Interest Statement” form which is reviewed and validated by Postgraduate Affairs Committee. In addition, “Thesis Plan Discussion and Approval' form and 'Appointing a Supervisor' form must be completed and co-signed by prospective supervisors and accordingly reviewed and validated by Postgraduate Affairs Committee to ensure alignment with academic goals and resource availability. Prior to endorsements from the Program Director, Program Council, College Council, and the Dean's Council granting the final approval. Below procedure are followed:

- The student shall fill out an application of Thesis Interest Statement forms and submit it to Program Director suggesting the thesis topic and the supervisor from the teaching staff at the program.
- The Program Council discusses the application and the novelty of the research topic and suggests modification if needed.
- The Program Council appoints a member of the teaching staff to supervise the student considering the maximum number of theses the supervisor may supervise concurrently.
- Each faculty member can supervise more than one student concurrently, provided that the supervision is limited to the academic staff with the rank of

Professor, Associate Professor or according to the College's instructions.
- The Program Council advocates for the appointment of junior faculty (Assistant Professor) in conjunction with experienced faculty members (Professor or Associate Professor) for co-supervision of theses, with designated roles as co-supervisor and advisor, respectively.
- The minutes of the Department/Program Council are submitted to the College Council to discuss the recommendations of the supervision for approval.

Supervision following up process:
- The supervisor shall submit a periodic report (at least once per semester) in which he/she shows the student's progress in his/her thesis to the Program Director.
- The supervisor after filling up the validity report should send the first draft of the thesis to the DSRGS to check for similarity index percentage and approval.
- The supervisor submits a request to Program Director to set a date for thesis defense and to form a committee for thesis examination.
- The Program Director studies the request and sends it with the appropriate documents to the Program council to recommend the appointment of the examination committee.
- The College Council studies the recommendation of the Program Council to approve it or amend it. The chairman of the examination committee shall be the one with the highest rank and seniority.
- The Deanship of the College submits the student's file to the Deans 'Council for approval.

The file shall include:
- Minutes of the department where the supervisor commissioned.
- College Council minutes for supervision approval.
- A validity report from the supervisor.
- Similarity Report & Approval from DSRGS.
- Student record that proves he is a regular student.
- The minutes of the Program Council for forming the examination committee.
- Minutes of the College Council for approval by the examination committee.

Thesis Seminar for Oral Defense Examination:
To meet the seminar criteria, students must fulfill all thesis components and achieve a cumula-tive 36 CH.
External Examiner Selection:
External examiners are chosen and nominated by the supervisor based on

domain-specific ex-pertise, academic integrity, and contributions to the field, ensuring a rigorous review process. Then a full procedure carried on includes the formation of an examination committee by the program council, then college then to be approved by the deans' council.

Final Examination and Defense Protocol:
Thesis submission necessitates successive approvals from the Program Director, Deputy Dean, Dean of the College of Pharmacy, DSRGS, followed by collective consent from the Program Council, College Council, and Dean's Council. A minimum waiting period of one-month postapproval is mandated before the final examination and defense can be scheduled. The supervisor, in agreement with the members of the examination committee, sets a date and place for the discussion, with a minimum of one month from the date of the decision of the Deans' Council.

Thesis Examination Outcomes:
When conducting the examination, the student shall be given enough time to present thesis, and then the chairman of the examination committee will manage the discussion. The discussion should not exceed one hour and a half including questions addressed to the student. Upon completion of the discussion, the committee will hold a closed session to discuss and evaluate the thesis according to the evaluation form previously sent by examiners and issue the result ac-cording to the evaluation form filled by defense examination committee "Committee Decision-Thesis defence" form A and B and may determine one of the following actions:

- Accepted without changes.
- Accepted with minor changes; corrections must be submitted within three months.
- Required to be resubmitted with major changes within six months and the defense re-scheduled.
- Rejected, with justifications provided by the Committee.

Degree Conferral:
Upon satisfactory revision and approval, the thesis must be re-submitted in compliance with AAU's academic regulations and quality standards. In addition, the student prepares the thesis in its final form (10 copies) according to the thesis format prepared by DSRGS. Studies and with a number of 10. (6) copies for the library (Al-Ain and Abu Dhabi) – (2) copies for the Deanship of the College (headquarters in Al-Ain and Abu Dhabi) – (1) copy for the DSRGS and (1) copy for the Graduate Studies Committee. A number of steps should be completed accordingly:

- The Examination Committee informs the program director about the outcome of the dis-cussion to confirm graduation.

- The program council recommends the graduation of the student and submits it to the college council for discussion and approval.
- After approval by the College Council, the Dean or Deputy Dean shall submit the approved recommendation of graduation along with all documents to the Deans' Council for final approval. The file shall include:
  a. Copy of the minutes of the deans' council approval for appointing the examination committee.
  b. Copy of the result of the evaluation granted by the examination committee. The student's record shows that he/she is a regular student.
  c. The department's council minutes for the recommendation and graduation. The Program and College Council's minutes for the approval of graduation.
  d. Cover letter.
  e. Copy of the thesis in its final form.

Faculty Members in the MSc. in Pharmaceutical Sciences Program

Faculty Name	University of PhD Degree/ Country	Rank
Prof. Mohammad Ghattas	The University of Manchester, UK	Professor
Prof. Khairi Mustafa El-Bom	Dublin University, Trinity College, Ireland	Professor
Dr. Mosab Arafat	University of Otago, New Zealand	Professor
Dr. Rose Ghemrawi	Lorraine University, France.	Associate Professor
Dr. Mohammad Bostanudin	University of Portsmouth, UK	Associate Professor
Dr. Arshad Mahmood	Leopold-Franzens-Universität Innsbruck, Austria	Associate Professor
Dr. Walaa Mousa	University of Guelph, Canada	Associate Professor
Dr. Azza Ramadan	University of Toronto, Canada	Associate Professor
Dr. Muhammad Sarfraz	University of Alberta, Canada	Associate Professor
Dr. Nadia Hussain	Baqai Medical University, Pakistan	Associate Professor
Dr. Nezar Al-Bataineh	University of Vermont, USA	Associate Professor
Dr. Taima Alqudah	University of Sydney, Australia	Assistant Professor
Dr. Saad Touqeer	University of Vienna, Austria	Assistant Professor
Dr. Ahmed Eissa	Cardiff University, United Kingdom	Assistant Professor
Dr. Kareem Abdou	University of Toyama, Japan	Assistant Professor
Dr. Razan Almomani	University of Nottingham, UK	Assistant Professor

Faculty Members in the MSc. in Clinical Pharmacy Program

Faculty Name	University of PhD degree/ Country	Rank
Prof. Faris Dahiyat	Kingston University, London, UK	Professor
Dr. Amira Ahmed	Huddersfield University, UK	Associate Professor
Dr. Mohammad Al Ahmad	University of United Arab Emirates, UAE	Associate Professor
Dr. Asim Ahmed	Queens University Belfast, UK	Assistant Professor

Laboratories

#	Lab. Name
1	Pharmaceutical Analysis Laboratory
2	Chemistry & Biochemistry Laboratory
3	Microbiology Laboratory
4	Anatomy and Histology Laboratory
5	Pharmacognosy Laboratory
6	Drug Information Laboratory
7	Pharmacology & Toxicology Laboratory
8	Pharmaceutical Technology Laboratory
9	Research Laboratory
10	Chemistry Laboratory

#	Lab. Name
11	Drug modeling Lab.
12	Virtual Pharmacy Laboratory
13	Cell Culture Laboratory
14	Medical Nutrition Therapy Lab
15	Nutrition Assessment Lab
16	Food Chemistry Lab
17	Food Production and Preparation Lab

Health and Biomedical Research Center

AAU established the Health and Biomedical Research Center (HBRC), which serves as a crucial resource for Master's students embarking on their research journeys.

With a mission deeply integrated into the strategic educational and research goals of the university, the Emirate of Abu Dhabi, and the broader UAE, the HBRC aims to significantly enhance AAU's research reputation both nationally and internationally. The center ensures that Master's students receive a well-rounded education extending beyond the traditional classroom learning. Its commitment to fostering collaborative research is particularly beneficial for students, providing them access to a broader research network. This environment encourages students to engage in interdisciplinary studies, collaborate with experts in their fields, and contribute to impactful research projects.

Within the HBRC, there are several specialized research groups including: Drug Delivery, Analysis, and Characterization; Drug Design and Discovery; Biomedical Sciences; Clinical Pharmacy and Pharmacy Practice; and Nutrition and Dietetics. These groups are invaluable for the students, offering a rich environment for engaging in cutting-edge research, shaping their scientific skills, and contributing to significant advancements in their fields. The HBRC's state-of-the-art facilities, including laboratories equipped for cell culture, chemical synthesis, drug formulation, pharmaceutics, molecular modeling, molecular biology, biochemistry, and microbiology, serve as the backbone for these research activities. By participating in these groups, students gain hands-on experience with the latest technologies and methodologies.

Recognizing the importance of disseminating research findings and fostering scholarly exchange, the College of Pharmacy at AAU organizes an annual postgraduate symposium. This event is specifically designed for national and international master's students to present their research to a global audience, covering a broad spectrum of topics from pharmacy practice, clinical pharmacy, nutrition and food sciences, health sciences, medicine, pharmaceutics, drug design, and discovery. The symposium not only showcases cutting-edge research but also encourages academic dialogue and collaboration amongst students.

General Admission Requirements

- A Bachelor's degree in Pharmacy or an equivalent qualification, approved by the UAE- MoHESR.
- A valid English Language Proficiency Certificate with a minimum score of 5 in IELTS, 500 in TOEFL, or an equivalent.
- Applicants whose Bachelor's degree does not align with the required specialization must complete up to 3 remedial courses (3 CR.H. each) determined by the department/college on a case-by-case basis based on the applicant's prior degree. These remedial courses are taken outside the curriculum and do not contribute to the cumulative GPA. Specialized courses cannot be taken concurrently with remedial courses. If the applicant has already completed (or holds an equivalent to) any of the remedial courses at the Bachelor's level, they will be exempt from that course. Each exemption allows the applicant to enroll in a specialized course from the designated postgraduate program, which can be completed alongside the remaining remedial courses (up to three).
- Applicants who do not meet the required English proficiency score must enroll in a remedial English course (3 CR.H., pass/fail), which is taken outside the academic plan and does not contribute to the cumulative GPA.
- Applicants whose native language is English or who have completed a Bachelor's degree with English as the medium of instruction are exempt from the English proficiency requirement.

COLLEGE OF LAW

About the College

Since its inception in 2007, The College of Law strives to become a leading institution of legal education in the country with an outstanding academic program leading to obtaining a bachelor degree of law that enables graduates to work in various legal fields, as well as Master Programs of Public Law, Private Law and Criminal Science, and PhD in Law Program. In 2015 the College obtained an international accreditation from the High Council for Evaluation of Research and Higher Education (HCERES), and received the renewal accreditation in 2021.

Dean's Message

The College of Law received accreditation from the Ministry of Higher Education and Scientific Research in 2007. The College has two campuses: in Al Ain and Abu Dhabi. The College of Law offers distinguished academic programs: bachelor of law, as well as Master programs in Private law, Public law and Criminal science and PhD in Law Program. In 2015 the College obtained an international accreditation from the French High Council for Evaluation of Research and Higher Education (HCERES). Thus, the college is the first college of Law in the United Arab Emirates to obtain such an international accreditation. The college is always keen to renew this international accreditation on the specified dates.

Such an achievement was only possible due to the contribution of all faculty members with many years of academic and practical experience. Indeed, the expertise of the academic staff provides a distinguished environment for contemporary legal education through active learning, well –equipped classrooms, and up- to- date library. The international accreditation attests of the ability of the college to offer high quality academic programs. It also provides the college with new opportunities to develop cooperative relationships with academic institutions and organizations connected to the legal field.

The Deanship of the college considers the international accreditation of the Bachelor of Law Program as a major step in the development of the program according to internationally recognized academic standards.

It is our firm belief that our graduates will be able to contribute to the sustained development and welfare of the country and serving its needs in the field of law.

Vision

The College of Law strives to become a leading institution of legal education in the United Arab Emirates through the offering of distinguished academic programs and the application of international quality standards.

Mission

The mission of the College is to disseminate legal knowledge and to consolidate an original and innovative scientific research base, thus contributing to the implementation of the State's policy in the development of qualified national

cadres to assume efficiently legal and judicial functions, and meet the diverse and ever-changing labor market needs.

Values

- Preserve national values and linking them to learning.
- Enhance patriotism and a sense of responsibility to serve the nation.
- Adhere to standards of academic conduct.
- Respect for cultural diversity and intellectual difference.
- Commitment to equality and non-discrimination between the college's family community.
- Commitment to transparency, objectivity and neutrality.

College Council

No.	Name	Title
1	Prof. Moustafa Elmetwaly Kandeel	Chair
2	Prof. Ramzi Ahmed Madi	Member
3	Dr. Ahmed Fekri Moussa	Member
4	Prof. Ziad Khlaif Alenizi	Member
5	Dr. Fayez Mohammad Al Nusair	Member
6	Dr. Zeyad Mohamed Jaffal	Member
7	Dr. Faisal Abdelhafez Shawabkeh	Member

1- Bachelor of Law

About the Program

The Bachelor of Law program received initial accreditation from the Ministry of Higher Education and Scientific Research in 2007, full accreditation in 2013, renewal accreditation in 2019 and 2024. The program also obtained an international accreditation from the High Council for Evaluation of Research and Higher Education (HCERES) in 2015, and got the renewal accreditation in 2021.Regular students are expected to successfully complete 130 credit hours in a period of eight semesters.

The program consists of General University requirements courses 33 credits), Compulsory Specialization Courses (88 credits) and Elective courses (9 credits). Arabic is the language of instruction with few exceptions.

Vision

Qualify national cadres to develop legal and judicial functions efficiently and work in various legal fields.

Mission

To spread legal knowledge and consolidate of the innovative research base.

Goals and objectives

The Bachelor of Laws program seeks to achieve the following objectives:

1. Provide students with legal knowledge in various branches of law.
2. Meet the needs of society by graduating students who combine theoretical knowledge with practical skills to pursue various legal professions.
3. Prepare students for serious and original scientific research to pursue postgraduate studies.
4. Equip students with the skills to perform various legal tasks.
5. Enhance students' proficiency in using technology to accomplish legal tasks.
6. Prepare students to work independently and for self-development.
7. Develop students' skills to work as part of a team and promote the spirit of teamwork.
8. Instill in students the highest values and professional and ethical standards.

Learning Outcomes:

Upon graduation from the program, the student will:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Defines the fundamental principles of law in its various branches	K
2	Interprets UAE laws according to correct methods of interpretation	K, S
3	Analyzes legislative texts and UAE judicial rulings	K, S
4	Applies theoretical legal knowledge to practical cases	K, S, R
5	Conducts scientific research according to legal research methodologies	K, S, R
6	Drafts contracts, legal pleadings, memos, and judicial rulings in correct legal language	S, R
7	Speaks confidently and fluently in front of an audience using correct legal language	S, R
8	Uses information technology to accomplish assigned tasks	S, R
9	Works effectively within a team to complete various tasks	S, R
10	Completes assigned tasks in light of professional and ethical standards	S, R

Study Plan for Academic Year 2025/2026 (130) CR.H./ Bachelor of Law Program

Course No.	Course Title	CR.H.	Prerequisite
First: General Education Program (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	_
0201111A	Science and Life	3	-
0401120	English (1)	3	-
0401121	English (2)	3	0401120
0405100	Arabic Language	3	-
0406110	Islamic Culture	3	-
0409103	UAE Studies	3	-
0501170A	Fund. of Innovation and Entrepreneurship	3	-
0508203A	Scientific Research Methodology	3	-
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' contributions to Arts and Science	3	-
0408100A	Introduction to Psychology	3	-
0408101A	Physical Education & Health	3	-
0409100A	Ethical Awareness	3	-
0409102A	Environmental Awareness	3	-
Managerial Skills (3) CR.H.			
0303100	Law & Society	3	-
0408103A	Thinking Skills	3	-
0408104A	Self-Assessment	3	-
0501100A	Introduction to Time Management	3	-
0501150A	Leadership and Teamwork	3	-
Second: College Requirements (97) CR.H.			
(1) Compulsory Courses (88) CR.H.			
0301120	Introduction to Law	3	_
0301121	Voluntary Sources of Obligation	3	0301120
0301122	Non Voluntary Sources of Obligation and Proof	3	0301121
0301220	Labor Law and Social Legislations	3	0301122
0301221	Provisions of Obligation	3	0301122
0301222	Nominated Contracts	3	0301221
0301230	Principles of Commercial Law	3	0301120
0301240	Introduction to the Study of Islamic Fiqh	3	-
0301241	Muslim Personal Status	3	0301240
0301250	Law of Civil Procedure	3	0301122
0301320	Real Original and Subsidiary Rights	3	0301222
0301321	Private International Law	3	0301221
0301330	Law of Commercial Companies and Bankruptcy	3	0301230
0301340	Jurisprudence of Inheritance, Wills and Islamic Waqf	3	0301241
0301351	Forced Execution	3	0301250
0301430	Maritime Law	3	0301330
0301431	Law of Commercial Papers and Banking Operations	3	0301330
0301440	Fundamental Principles of Fiqh	3	0301241
0509100 L	Principles of Economics	3	_
0302200	Constitutional Law	3	_
0302210	General Criminal Law	3	0301120
0302216	Private Penal Law 1 (Crimes of persons and money)	3	0302210
0302220	Administrative Law	3	0301120
0302310	Criminal Procedure	3	0302216
0302320	Public Finance and Tax Legislations	3	0509100
0302330	Public International Law	3	0401121 & 0301120
0303200	Legal Terminology in English	3	0401121 & 0301120
0303493	Graduation Research	3	More than 100 CR.H.
0303494	Internal Internship	3	0302310 & 0301250
0303495	External Training	1	0303494
(2) Elective Courses (9) CR.H.			
0301322	Intellectual Property	3	0301230
0301432	The Legal Aspects of Electronic Commerce	3	0301230
0301433	Free Trade and Consumer Protection Law	3	0301230
0301450	Arbitration	3	0301250
0302201	Human rights in international charters and Islam	3	-
0302217	Private Penal Law 2 (Contemporary Crimes)	3	0302210
0302420	Protection of the Environment Law	3	0302220
0302430	International Organizations	3	-
0302321	Public Function	3	0302220

Guidance Plan

First Year (السنة الأولى)		Second Year (السنة الثانية)		Third Year (السنة الثالثة)		Fourth Year (السنة الرابعة)	
First Semester (الفصل الأول)	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**
Computer Skills مهارات الحاسوب 0102120	Islamic Culture الثقافة الإسلامية 0406110	Principles of Commercial Law مبادئ القانون التجاري 0301230	Non Voluntary Sources of Obligation and Proof المصادر غير الارادية للالتزام والاثبات 0301122	Science and Life العلم والحياة 0201111A	Nominated Contracts العقود المسماة 0301222	Real Original and Subsidiary Rights الحقوق العينية الأصلية والتبعية 0301320	Maritime Law القانون البحري 0301430
Introduction to Law المدخل لدراسة القانون 0301120	Constitutional Law القانون الدستوري 0302200	General Criminal Law قانون العقوبات العام 0302210	Muslim Personal Status الأحوال الشخصية للمسلمين 0301241	Labor Law and Social Legislations قانون العمل والتشريعات الاجتماعية 0301220	Law of Commercial Companies and Bankruptcy قانون الشركات التجارية والإفلاس 0301330	Private International Law القانون الدولي الخاص 0301321	Fundamental Principles of Fiqh أصول الفقه 0301440
Introduction to the Study of Islamic Fiqh المدخل لدراسة الفقه الإسلامي 0301240	Voluntary Sources of Obligation المصادر الإرادية للالتزام 0301121	Administrative Law القانون الإداري 0302220	Public International Law القانون الدولي العام 0302330	Provisions of Obligation أحكام الالتزام 0301221	Jurisprudence of Inheritance, Wills and Islamic Waqf فقه المواريث والوصايا والوقف 0301340	Law of Commercial Papers and Banking Operations قانون الأوراق التجارية والعمليات المصرفية 0301431	Graduation Research بحث التخرج 0303493
English (1) اللغة الإنجليزية (1) 0401120	Scientific Research Methodology منهجية البحث العلمي 0508203A	UAE Studies دراسات إماراتية 0409103	Legal Terminology in English مصطلحات قانونية باللغة الإنجليزية 0303200	Law of Civil Procedure قانون الإجراءات المدنية 0301250	Forced Execution قانون التنفيذ الجبري 0301351	Criminal Procedure الإجراءات الجزائية 0302310	Internal Internship التدريب العملي الداخلي 0303494
Arabic Language اللغة العربية 0405100	Principles of Economics مبادئ علم الاقتصاد 0509100 L	Group (A) المجموعة الأولى	English (2) اللغة الإنجليزية (2) 0401121	Private Penal Law (1) قانون العقوبات الخاص(1) 0302217	Group (B) المجموعة الثانية	Public Finance and Tax Legislations المالية العامة والتشريعات الضريبية 0302320	External Training التدريب العملي الخارجي 0303495
		Elective Course (1) مساق تخصص اختياري (1)	Fund. of Innovation and Entrepreneurship أساسيات الابتكار وريادة الأعمال 0501170A	Elective Course (2) مساق تخصص اختياري (2)		Elective Course (3) مساق تخصص اختياري (3)	
15	**15**	**18**	**18**	**18**	**15**	**18**	**13**
30		**36**		**33**		**31**	
130							

Brief Course Descriptions

Course Title & No.	Brief Course Description
Introduction to Law (0301120)	This course covers the details of the definition of law in general, the characteristics of the rule of law, its distinction from other social rules, the branches of law and sections of the rule of law whether imperative or not. It also deals with the sources of law and the general theory of right including its nature, kinds, subjects, object, its use, protection and termination.
voluntary sources of obligation and proof (0301121)	This course studies in detail the definition of the obligation, its elements, its different kinds, and its voluntary sources. It also covers the definition of the contract, its kinds, elements, and its legal effects towards the parties, the particular successors, the general successors, and the third parties. It also explains the Contractual liability, and the measures of contract's extinction. It also covers the general concepts of the unilateral act of disposition and its applications.
non voluntary sources of obligation (0301122)	This course covers in detail the elements of the damageable act (Delictual liability): the fault, the damage and the proximate cause. It also covers the effects of the Delictual liability, and the measures of the exemption. This course also studies the liability arising from the acts of others, and liability arising from animals and things. It also covers the beneficial act as a non-voluntary source of obligation, and its applications. Finally, the course includes the general theory of proof.
Labor Law and Social Legislations (0301220)	The course provides a comprehensive investigation of the labor law, its characteristics and scope of application, the notion and characteristics of individual employment contract, working hours, employers' commitment to paying wages and kinds of vacations and leaves, injuries and diseases during employment, settlement of labor-related disputes, how a contract may be terminated, the consequences thereof, the rights of employees upon terminating their contracts, and social insurance – its types and eligibility conditions
Provisions of Obligation (0301221)	This course studies in detail the natural obligation and the difference between the civil and the natural obligation. It also covers the voluntary execution and the forced execution of the obligation. It also mentions the legal measures to protect the personal rights and the extinction of the obligations.
Nominated Contracts (0301222)	This course studies in details the most important Nominate Contracts, and the difference between the Nominate Contracts, the Innominate Contracts, and other contracts. The most important contracts studied in this course are the Sale Contract, the Contract of Work, and the Insurance Contract. It mentions their definition, their elements, effects, and their extinction.
Principles of Commercial Law (0301230)	This course offers a detailed study of the following subjects: the sources of commercial law, the different kinds of commercial transactions, the trader and its legal obligations, the business premises, their protection and all the legal acts related to them.
Introduction to the Study of Islamic Fiqh (0301240)	This course deals with the concept of Sharia and jurisprudence, the difference between jurisprudence and positive law, Sharia ruling, the characteristics of Islamic jurisprudence, its topics, and its sources, both agreed upon and disputed, then studying the eras through which Islamic jurisprudence passed, starting with the era of the Prophet, may God bless him and grant him peace, and ending with our present time.
Muslim Personal Status (0301241)	This course includes the study of marriage with regard to its goals, benefits, and legitimacy. It also discusses engagement and disengagement, Foundations of marriage contract in relation to its conditions of validity, lawfulness and obligations in addition to the types of marriage in Islam and their obligations. Furthermore, this course deals with divorce in terms of its rationalizations, types, utterances, conditions, consequences, children rights, parenthood verification, children feeding and custody, guardianship.

Islamic Judicial System (0301242)	This course deals with the basic principles of the judiciary in Islam. It covers the elements of the judiciary such as the judge, the instigation of a case, the means of proof, as well as the alternative means for the settlement of dispute such as arbitration.
Law of Civil Procedure (0301250)	This course studies in details the definition of this law and the judiciary structure in the UAE. It mentions the structure of the Courts and the rules of jurisdiction. It also covers the general theory of the civil law suit, the legal decisions, and the rights of appeal.
Real and Subsidiary Rights (0301320)	This course studies the characteristics of the ownership right, its concept, elements, and limits. It also explains the restrictions as to neighborhood, the restrictions of the Rights of the Person in Favor of whom the Act of Disposition has been taken, the joint ownership, and the reasons of acquisition of property like the possession, the appropriation of a property without an owner, the pre-emption, and the accession. This course also mentions the rights that derive from the ownership right. Further, the course studies the personal guaranty contracts and the real securities. It covers the mortgages, the pledge, the privileged rights, and the surety ship.
Private International law (0301321)	This Course covers in detail the concept of nationality: how it is acquired and lost, the problem of conflict of nationalities and the Legal status of aliens at both the international and national levels- the course also deals with the legal regulation of nationality in the United Arab Emirates. It also includes a detailed study of the rules determining questions of jurisdiction and questions relating to the appropriate Law in civil cases, so long as the dispute involves a foreign element.Further, it discusses the theory of "renvoi", the obstacles to the application of foreign Law and the execution of foreign awards.
Intellectual Property (0301322)	This course consists of a detailed study of the Author's Rights and similar rights, as well as the protection of trademarks and the regulations of the Industrial property of patents , Blueprints and industrial specimens. The course exposes the legal framework for the regulations and the protection of these rights both in domestic law and international conventions.
Law of Commercial Companies and Bankruptcy (0301330)	The course addresses general regulations on business entities and companies, including requirements and nullity, their legal statuses, the termination and dissolution thereof. The course also includes a comprehensive study of the various legal aspects pertaining to different types of companies – corporations, limited partnership companies, particular partnership companies, public joint stock companies, private joint stock companies, limited liability companies and stock partnership companies. Finally, this course also covers the general theory of bankruptcy.
Fiqh of Inheritance, Wills and Islamic Endowment (0301340)	The course addresses the definition of inheritance, its requirements and causes, blocks to inheritance, holders of ordained quotas and residuaries, blood-kinship inheritance, blockage, unfair distribution, smallest divisibles and redistribution, inheritance of a pregnant woman and of a missing child. The course also addresses wills with regard to their definition, conditions, types and their nullity factors as well as obligatory wills. Endowment, or waqf, its definition, legality, its components and the ways it can be made use of, its management and termination are also explored in the course.
Forced Execution (0301351)	This course studies the concept of the forced execution, and how we can force the debtor to execute his obligations. It also covers other topics such as the executive document, the object of the execution, the terms and conditions regarding the forced execution, its procedure, its results, and the objections to execution. It also mentions the properties that are not legal to confiscate.

Maritime Law (0301430)	The course provides a comprehensive study of the sources of maritime law, ships and their civil status, the supervision thereof and the obligations thereon, persons involved in maritime business, on water - captains and crews - as well as on land – ship and shipping agents, shipping and unshipping contractors; ship use contracts, such as rental and transport agreements; maritime sales, upon arrival or departure; maritime accidents such as crashes, aid and rescues; maritime damages and insurances.
Law of Commercial Papers and Banking Operations (0301431)	The course addresses general legal rules and regulations on commercial notes including promissory notes, bills of exchange and assignment notes and provides a comprehensive study of the various legal aspects of those notes with regard to their origination, handling and the conditions for effectuating and nullifying them. The course also provides a comprehensive treatment of the legal regulations of the banking transactions including deposits, transfers, commercial accounts, loans, exchanges, rental of iron safes and consignment letters.
Legal Aspects of Electronic Commerce (0301432)	The notion of e-commerce, its importance, scope and requirements, and measures for the protection thereof are introduced in this course. The course also explores the legal regulations pertaining to online contracts– the formulation of an online contract, conditions of validity, conditions on when and where it is effective, how to validate an online contract using electronic records and signatures and how to effectuate it. Methods of online payment as well as consumer protection measures in e-commerce are also discussed.
Free Trade and Consumer Protection Law (0301433)	This course introduces students to the concept of international trade, its importance, impediments likely to hamper it and the foundations and principles that guarantee its growth, of which freedom of trade in services as well as commodities is an extremely important one. The course then focuses on this principle of freedom of trade, or laissez-faire, and the necessary precautions to be taken so that it does not harm developing economies or consumers of goods and services all over the world, especially in less privileged countries. The various measures for protecting consumers in light of the national jurisprudence and the contributions of the treaties of the World Trade Organization in this regard are also discussed.
Fundamental Principles of Fiqh (0301440)	This course includes two aspects: The first aspect: theoretical and includes the terminological meaning of this science, Sharia ruling according to jurists and fundamentalists, and its types, mandatory ruling and its types, positive ruling and its types, the ruler, the ruled, the ruled, eligibility and its symptoms, and ways of indicating words to meanings (linguistic rules) Methods of weighting between conflicting texts. The second aspect: practical application through the ability to deal with various texts with understanding and the ability to derive rulings.
Arbitration (0301450)	The course explores the systems of arbitration being an important modern means of settling regional as well as international disputes. The concept of arbitration, its importance, types and legal status, conditions and regulations concerning arbitrators, arbitration requirements and procedures, cases where arbitrators' decisions may be nullified or appealed, ways of effectuating arbitrators' decisions as well as e-arbitration are studied.
Constitutional Law (0302200)	This course deals with a detailed definition of constitutional law, it subjects and sources, with a special emphasis on the supremacy of a constitution over legislation, and how to achieve this goal. It also deals with the basic principles of constitutional law, with special emphasis on the constitutional system of the UAE including the concept of federalism, the institutions of government and individual rights and liberties.
Human Rights in international charters and Islam (0302201)	This course deals with the definition of human rights, their types, their position in relation to other rights, the stages of their development, their sources, and means of protection in international conventions and Islamic law.

General Criminal Law (0302210)	This course covers a detailed study of criminal law, the scope of its application, the principle of legality, the definition of crime, its elements, its kinds, excuses and exemptions from criminal liability. The course also deals with the general theory of punishment, its concept and types and the discretiony power of the judges to impose a punishment.
Private Penal Law (1) (Crimes of persons and money) (0302216)	This course deals with the definition of the Private Penal Law and the definition of crimes against people in terms of the crime of murder in its intentional form and aggravating circumstances. And crimes of assault on bodily integrity, as well as crimes of assault on honor, such as rape, indecent assault, acts contrary to public modesty, and crimes of defamation. This course also deals with the study of crimes against money, including the crime of theft in its various forms, aggravated and mitigated, the crime of fraud, and the crime of breach of trust.
Private Penal Law (2) (Contemporary Crimes) (0302217)	This course deals with the study of special types of crimes, namely crimes against the public interest, information technology crimes, drug and psychotropic substance crimes, money laundering crimes, and human trafficking crimes.
Administrative Law (0302220)	This course deals with the emergence and definition of administrative law, its characteristics and sources, and administrative organization in terms of the definition of the public legal personality, its origin and the consequences resulting from it, as well as the two methods of administrative organization (administrative centralization, administrative decentralization, and administrative delegation), as well as the activity of administrative authority in terms of policing activity (administrative control). The facility activity (public facilities), and the legal means of administrative authority (administrative decision - administrative contract). Finally, the material means of administrative authority (public funds) in terms of definition of public funds, legal protection of public funds, and methods of using public funds.
Criminal Procedure (0302310)	This course deals with the study of the criminal case in terms of its parties, procedures, and the ruling issued therein, the legal position of the Public Prosecution, its jurisdictions and powers, the rights and obligations of the accused, gathering evidence and preliminary investigation, powers of control and investigation, disposition of the case, the competent court, and methods of appealing judgments. The course also includes a study of the new procedures for terminating a criminal case, including the criminal order, criminal conciliation, criminal mediation, and criminal settlement.
Public Finance and Economic Legislations (0302320)	The course provides an introduction to the discipline of general finance, its scope and its core – the financial system of a country which is made up of three main elements: general costs, general revenues and general budget. The course explores applications of those aspects in the legislations of the UAE.
Public Function (0302321)	This course deals with the study of public function in the United Arab Emirates by identifying the methods of appointment therein and the requirements for appointment, as well as identifying the employee's job conditions during his service, such as assignment, secondment, transfer, promotion, or delegation, in addition to the rules of subrogation and job delegation, the legislative basis for the employee's jurisdiction, and the rights of employees. The employee's duties, investigative powers, investigation guarantees, disciplinary penalties, and cases and reasons for the termination of the employment association.

Public International Law (In English) (0302330)	Using English as a medium of instruction, the course introduces the concept of general international law, its development and how it differs from other types of law. The nature of its rules, its sources, in addition to international treaties, and the relation of this law to national laws are also explored. The course also addresses the concept of the state – its development, duties and obligations, and the theory of international responsibility and peaceful settlement of international disputes.
Criminology and the Science of Punishment (0302410)	The course addresses criminology, or criminal science, and punishment. It investigates the concepts of "crime" and "criminal", the historical development of this science, explanation of crime, motives for crimes, as well as the development of the science of punishment, the meaning of punishment, types and characteristics of punishment and punitive treatment inside and outside jails.
Special Criminal Legislations (0302411)	In this course, one illustration of widely used private punitive legislations in the UAE is studied, e.g., legislations used in punishing drug crimes, or legislations used in handling juvenile delinquency crimes, money-washing, traffic, residence and tax evasion crimes.
Protection of the Environment Law (0302420)	The essence of the law of environmental protection, its sources, scope and characteristics are addressed in this course. The course also discusses ways of preventing air, water and soil pollution and countering the effects of dangerous substances and waste, the establishment and maintenance of natural reserves and local as well as international bodies involved in handling those issues and the bases of accountability of those bodies.
International Organizations (0302430)	In this course, international organizations are defined and the development of the concept is discussed. The legal status of an international organization, the consequences of recognizing it, the roles performed by and the authorities of international organizations, the legal status of persons employed by these organizations are also examined with a special reference to such prominent organizations as the United Nations, the Arab League and the Gulf Cooperation Council.
Legal Terminology in English (0303200)	This course deals with the most important legal terms in various branches of law that law students may use in their legal work. During this course, students are trained to use legal terminology within its correct context. They are also trained to translate legal texts and judicial rulings in various branches of law.
Internal Internship (0303494) External Training (0303495)	In this course, graduating students get their training on campus as well as outside. They are trained on litigation in a model court, which is likely to enhance their understanding of the process of litigation. In addition, students go on field visits to different kinds of courts so that they have a feel for what litigation in reality is all about.
Graduation Research (0303493)	In this course, students are trained on writing academic research through an examination of theoretical as well as practical aspects of academic research writing. The theoretical part includes the study of research methodology and the identification of a research topic, as well as preparing a research proposal including an introduction, a body and a conclusion. The practical part includes getting approval of the proposed research title, and follow-up and discussion of the proposal.
Principles of Economics (0509100)	This course is a study of the science of economics, its definition, and nature The course addresses other issues such as supply and demand, competition and monopoly, national income, money and banks.

2- Master of Private Law

About the program

The Master of Private Law program is designed to prepare qualified legal professionals specializing in the field of private law. The new challenges and advances of the twenty-first century in all walks of life have given rise to the need for the law to keep up. This program offers the in-depth knowledge and qualification the students need to excel in the field of private law.

Vision

To achieve distinction in the field of Private Law enabling graduates to assume key legal positions.

Mission

The program seeks to contribute to the AAU's mission of the dissemination of knowledge and enriching original scientific research in the field of Private Law. It also aims at supporting the University's effort in developing human resources and meeting the needs of the UAE community as well as the GCC for specialized legal professionals who are able to keep up with the scientific advances and the accompanying development in legislation.

Goals and Objectives

The program seeks to achieve the following objectives:

1. Enhancing the students' ability to conduct in-depth legal studies and research to achieve innovative applications;
2. Graduating qualified cadres that are able to keep up with the latest developments and the relevant modern legislation;
3. Enabling students to understand the national, Arab, and international legislations in the various fields of private law;
4. Qualifying students to contribute in developing the national legislation system in line with the latest political, social, and economic changes.

Learning Outcomes

By the end of the Master program, the student should be able to:

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Analyze legal texts and practical cases in a scientific method.	K, S
2	Assess various legislative, judicial and doctrinal orientations of the Emirati Legal system.	K, S
3	Prepare an in-depth legal research in the various fields of Private Law using appropriate research methods	K, S, R
4	Accomplish assigned tasks in light of professional and ethical rules.	S, R
5	Compare national legal texts in the various fields of Private Law with their counterparts in legal systems.	K, S
6	Work within a team to solve problems in the field of Private law.	S, R

Study Plan for Academic Year 2025/2026
Master of Private Law

Course No.	Course Title	CR.H.	Prerequisite
Specialization course (33) CR.H			
Compulsory Core Courses (18) CR.H			
0301601	Civil Law	3	_
0301602	Commercial Law **(one third of the course content should be delivered in English Language)**	3	_
0301603	Private International Law **(one third of the course content should be delivered in English Language)**	3	_
0301604	Law of Civil Procedure	3	_
0301605	Jurisprudence of Transactions	3	_
0303606	Legal Research Methodology	3	_
Elective Courses (6) CR.H			
0301607	Intellectual Property	3	_
0301608	International Construction Contracts	3	_
0301609	Study in Arbitration Law	3	_
0301610	E-Commerce	3	_
0301611	Consumer Protection	3	_
Thesis (9) CR.H			
0301696	**Thesis (Private Law 1)**	**3**	**24**
0301697	**Thesis (Private Law 2)**	**3**	**27**
0301698	**Thesis (Private Law 3)**	**3**	**30**

Guidance Plan/ Master of Private Law

السنة الأولى First Year		السنة الثانية Second Year		
الفصل الأول First Semester	الفصل الثاني Second Semester	الفصل الأول First Semester	الفصل الثاني Second Semester	
القانون المدني Civil Law 0301601	القانون الدولي الخاص Private International Law 0301603	فقه المعاملات Jurisprudence of Transactions 0301605	الرسالة (Thesis) 0301699	
القانون التجاري Commercial Law 0301602	قانون الإجراءات المدنية Law of Civil Procedure 0301604	يختار الطالب مساق تخصص واحد من مجموعة المساقات الاختيارية (Elective)		
مناهج البحث القانوني المقارن Comparative Legal Research Methodologies 0303606	يختار الطالب مساق تخصص واحد من مجموعة المساقات الاختيارية (Elective)			
9	9	6	9	المجموع Total
18		15		المجموع Total
33				المجموع Total

AAU CATALOG 2025-2026

Brief Course Descriptions

Course Title & No.	Brief Course Description
Civil Law 0301601	This course covers the general theory of obligation, sources of obligation, rules of evidence and civil contracts. The course also consists of more advanced study of a specific topic related to civil law.
Commercial Law 0301602	This course provides review of basic principles of commercial law, commercial companies and banking transactions. The course emphasizes mastery of a specific topic within the framework of commercial law.
Private International Law 0301603	This course covers the fundamental concept of private international law such as nationality, the legal position of aliens, conflict of law, conflict of jurisdictions and the execution of foreign judgments. It also consists of an in-depth study of a specific subject related to private international law.
Law of Civil Procedure 0301604	This course provides review of basic principles of civil procedures, judicial system, civil action and appeals from civil judgments. It also consists of more advanced study of a specific topic related to the law of civil procedures.
Jurisprudence of Transactions 0301605	This course introduces students to the fundamentals of Islamic transactions, their definitions and criteria, with emphasis on the theory of contracts in Islamic jurisprudence. It also consists of an advanced study of a specific topic within the framework of Islamic transactions.
Intellectual Property 0301607	This course covers the general definition of intellectual property, commercial and industrial intellectual rights, artistic intellectual rights, and the protection of intellectual rights on national and international level. The course emphasizes mastery of a specific topic related to intellectual property.
International Construction Contracts 0301608	This course introduces students to the concept of international constructions contracts, their specific characteristics and legal nature. The course also includes advanced study of a specific topic within the framework of international constructions contracts.
Study in Arbitration Law 0301609	This course introduces students to the concept of Commercial Arbitration, its role in settling commercial conflicts, and the execution of foreign arbitration awards in the U.A.E. The course also includes advanced study of a specific topic related to international commercial arbitration
E-Commerce 0301610	This course provides review of basic principles of commercial law, the definition of E-Commerce and the national and international rules regulating E-Commerce. The course also consists of an indepth study of a specific subject related to E-Commerce.
Consumer Protection 0301611	This course includes introducing the consumer in the UAE legislation and comparative legislation, as well as defining the concept of the supplier, clarifying the criteria for distinguishing between the consumer and the supplier, protecting the consumer from arbitrary conditions and commercial fraud, and the impact of the competition law on consumer protection.
Comparative Legal Research Methodologies 0303606	The course includes a study of the main principles of legal research, determination of the objective of the research, writing of the research plan/ outline, selection of the references, drawing ideas from them and ethical reference to them, drawing of conclusions, and recommendations and ways of legal drafting. A third of the total grade is allocated to this theoretical section. The course also aims to prepare students for empirical research under the supervision of the course teacher in order to train the student on the applied scientific research methods. Two thirds of the total grade are allocated to this practical section.

3- Master of Public Law

About the program
The Master of Public Law program supports the AAU's role in promoting research and contributes to the sustained development and prosperity of the community. It is designed to help fill the needs arising for legislation professionals in order to handle the new complexities of the modern world.

Vision
To achieve distinction in the field of Public Law enabling graduates to assume key legal positions.

Mission
The program seeks to contribute to the AAU's mission of the dissemination of knowledge and enriching original scientific research in the field of Public Law. It also aims at supporting the University's effort in developing human resources and meeting the needs of the UAE community as well as the GCC for specialized legal professionals who are able to keep up with the scientific advances and the accompanying development in legislation.

Goals and Objectives
The program seeks to achieve the following objectives:

1. Enhancing the students' ability to conduct in-depth legal studies and research to achieve innovative applications;
2. Graduating qualified cadres that are able to keep up with the latest developments and the relevant modern legislation;
3. Enabling students to understand the national, Arab, and international legislations in the various fields of public law;
4. Qualifying students to contribute in developing the national legislation system in line with the latest political, social, and economic changes.

Learning Outcomes
By the end of the Master program, the student should be able to:

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Analyze legal texts and practical cases in a scientific method	K, S
2	Assess various legislative, judicial and doctrinal orientations of the Emirati Legal system	K, S
3	Prepare an in-depth legal research in the various fields of Public Law using appropriate research methods	K, S, R
4	Accomplish assigned tasks in light of professional and ethical rules.	S, R
5	Compare national legal texts in the various fields of Public Law with their counterparts in legal systems.	K, S
6	Work within a team to solve problems in the field of Public law.	S, R

Study Plan for Academic Year 2025/2026
Master of Public Law

Course No.	Course Title	CR.H.	Prerequisite
Specialization courses (33) CR.H			
Compulsory Core Courses (18) CR.H			
0302601	Constitutional Law and political systems	3	_
0302602	Administrative Law	3	_
0302603	Criminal Law	3	_
0302604	Public International Law (one third of the course content should be delivered in English Language)	3	–
0302605	Public Finance and Economic Legislations (one third of the course content should be delivered in English Language)	3	_
0303606	Comparative Legal Research Methodologies	3	–
Elective Courses (6) CR.H			
0302606	Governance System in Islam	3	_
0302607	Protection of the Environment Law	3	–
0302608	Contemporary Crimes	3	–
0302609	Study in Human Rights Law	3	-
0302610	International Humanitarian Law	3	-
0302611	Criminal Procedure Law	3	-
Thesis (9) CR.H			
0302696	**Thesis (Public Law 1)**	**3**	**24**
0302697	**Thesis (Public Law 2)**	**3**	**27**
0302698	**Thesis (Public Law 3)**	**3**	**30**

Guidance Plan/ Master of Public Law

السنة الأولى First Year		السنة الثانية Second Year		
الفصل الأول First Semester	الفصل الثاني Second Semester	الفصل الأول First Semester	الفصل الثاني Second Semester	
القانون الدستوري والنظم السياسية Constitutional Law and political systems **0302601**	القانون الجنائي Criminal Law **0302603**	المالية العامة والتشريعات الإقتصادية Public Finance and Economic Legislations **0302605**	الرسالة (Thesis) **0302699**	
القانون الإداري Administrative Law **0302602**	القانون الدولي العام Public International Law **0302604**	يختار الطالب مساق تخصص واحد من مجموعة المساقات الاختيارية (Elective)		
مناهج البحث القانوني المقارن Comparative Legal Research Methodologies **0303606**	يختار الطالب مساق تخصص واحد من مجموعة المساقات الاختيارية (Elective)			
9	**9**	**6**	**9**	المجموع **Total**
18		**15**		المجموع **Total**
33				المجموع **Total**

AAU CATALOG 2025-2026

Brief Course Descriptions

Course Title & No.	Brief Course Description
Constitutional Law and Political Systems 0302601	This course is divided into two tracks. The first one deals with the general principles of constitutional law, with emphasis on the constitutional system of the U.A.E. In the second track, students are exposed to more advanced topic within the framework of the main subject matter of the course.
Administrative Law 0302602	This course provides review of basic principle of administrative law with emphasis on the administrative system of the U.A.E. The course also emphasizes mastery of a specific topic of special importance to student's academic and professional development.
Criminal Law 0302603	This course consolidates and expands upon basic knowledge of the theory of crime and punishment, the general dispositions of criminal prosecution and appeals of criminal sentences. The course also emphasizes mastery of a fundamental topic related to criminal law.
Public International Law 0302604	This course deals with the definition of public international law, exposes its sources and subjects, legal international relations. In addition, this course focuses on an in-depth study of a specific topic within the framework of public international law.
Public Finance and Economic Legislations 0302605	This course aims basically at introducing students to the basic concepts of public finance and the main economic legislations. The course focuses also on an in depth study of a specific topic related to public finance.
Studies in Governing System in Islam 0302606	This course aims basically at introducing students to the concept of state in Islam, the position of a head of a state in the Islamic system and the fundamentals of an Islamic political system. The course focuses also on an in-depth study of a specific topic related to governance in Islam.
Environment Protection Law 0302607	This course provides review of the general principles of the law of environment protection, its sources, scope and special characteristics with emphasis on the law on environmental protection of the U.A.E. The course also includes an advanced study of a specific issue related to the law of environment.
Contemporary Crimes 0302608	This course deals with the general principles of private criminal law with emphasis on contemporary private punitive legislations. In this course students are also exposed to more advanced study of a specific topic within the framework of contemporary crimes.
Study in Human Rights Law 0302609	This course covers the definition of human rights, their historic development, sources with emphasis on basic human rights and liberties in the U.A.E. constitution. The course also includes advanced study of a specific topic related to human rights.
International Humanitarian Law 0302610	This course deals with the definition of international humanitarian law, its special characteristics and scope of application. The course emphasizes mastery of a fundamental topic within the framework of international humanitarian law.
Criminal Procedure Law 0302611	This course provides review of the law of criminal procedures, the various phases of criminal prosecution, and appeals of criminal sentences; it also consists of advanced study of a specific topic related to criminal procedures.
Thesis 0302699	All students are required to perform an academic thesis in any branch of public law. The thesis must be written in Arabic with abstract in English. Academic supervisor follow up students progress.
Comparative Legal Research Methodologies 0303606	The course includes a study of the main principles of legal research, determination of the objective of the research, writing of the research plan/ outline, selection of the references, drawing ideas from them and ethical reference to them, drawing of conclusions, and recommendations and ways of legal drafting. A third of the total grade is allocated to this theoretical section. The course also aims to prepare students for empirical research under the supervision of the course teacher in order to train the student on the applied scientific research methods. Two thirds of the total grade are allocated to this practical section.

4- Master of Criminal Science

About the program
The Master of Criminal Science program supports the AAU's role in promoting research and contributes to the sustained development and prosperity of the community. It is designed to help fill meet the needs arising for legislative professionals capable to handle the modern challenges.

Vision
To achieve distinction in the field of Criminal Sciences enabling graduates to assume key legal positions.

Mission
The program seeks to contribute to the AAU's mission of the dissemination of knowledge and enriching original scientific research in the field of Criminal Sciences. It also supports the University's efforts in developing human resources and meeting the needs of the UAE community as well as the GCC for specialized legal professionals who are able to keep up with scientific developments and accompanying new legislations.

Goals and Objectives
The program seeks to achieve the following objectives:

1. Enhancing the students' ability to conduct in-depth legal studies and research to achieve innovative applications;
2. Graduating qualified cadres that are able to keep up with the latest developments and the relevant modern legislation;
3. Enabling students to understand the national, Arab, and international legislations in the various fields of criminal science;
4. Qualifying students to contribute in developing the national legislation system in line with the latest political, social, and economic changes.

Learning Outcomes
By the end of the Master program, the student should be able to:

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Analyze legal texts and practical cases in a scientific manner.	K, S
2	Assess various legislative, judicial and doctrinal orientations of the Emirati Legal system.	K, S
3	Prepare in-depth legal research in the various fields of criminal sciences using appropriate research methods	K, S, R
4	Accomplish assigned tasks in light of professional and ethical rules	S, R
5	Compare national legal texts in the various fields of Criminal Sciences with their counterpart in regional and international legal system.	K, S
6	Work within a team to solve problems in the field of criminal sciences	S, R

Study Plan for Academic Year 2025/2026
Master of Criminal Science

Course No	Course Title	CR.H.	Prerequisite
Specialization course (33) CR.H			
(1) Compulsory Core Courses (18) CR.H			
0302611	Criminal Procedure law **(30% of course content is taught in English)**	3	
0302612	Advanced Studies in Penal Law	3	
0302613	Advanced Studies in the Science of Punishment	3	
0302614	Advanced Studies in Special Criminal Legislations	3	
0302615	Advanced Studies in International Criminal Law **(30% of course content is taught in English)**	3	
0303606	Comparative Legal Research Methodologies	3	
(2) Elective Courses (6) CR.H (The student chooses one course from each of the following two sections)			
Section One: The student chooses one course (3 credit hours)			
0302616	Forensic Medicine	3	
0302617	Practical criminal investigation	3	
0302618	Expertise in criminal matters	3	
Section Two: The student chooses one course (3 credit hours)			
0302619	Islamic criminal legislation	3	
0302620	Comparative legal systems	3	
0302621	Advanced studies in Criminology	3	
Thesis (9) CR.H			
0302694	Thesis (Criminal Science)	9	successfully completing (21) CR.H (with min GPA 3 out of 4) including all the Compulsory courses

Guidance Plan/ Master of Criminal Science

First Year (السنة الأولى)		Second Year (السنة الثانية)	
First Semester (الفصل الأول)	Second Semester (الفصل الثاني)	First Semester (الفصل الأول)	Second Semester (الفصل الثاني)
مناهج البحث القانوني المقارن Comparative Legal Research Methodologies 0303606	دراسات معمقة في علم العقاب Advanced Studies in the Science of Punishment 0302613	دراسات معمقة في القانون الجنائي الدولي Advanced Studies in International Criminal Law 0302615	الرسالة Thesis 0302694
دراسات معمقة في قانون الإجراءات الجزائية Criminal Procedure Law 0302611	دراسات معمقة في التشريعات الجزائية الخاصة Advanced Studies in Special Criminal Legislations 0302614	Elective Course (2) مساق تخصص إختياري (2)	
دراسات معمقة في قانون العقوبات Advanced Studies in Penal Law 0302612	Elective Course (1) مساق تخصص إختياري (1)		
9	9	6	9
18		15	
33			

Brief Course Descriptions

Course Title & No.	Brief Course Description
Criminal Procedure Law 0302611	The general Curriculum: This course includes a definition of the criminal procedure law, the lawsuits arising from the crime, the stages of the criminal lawsuit, the reasons for its expiry, the powers of the judicial officers, the criminal judgment and the ways to appeal judgments. Special Curriculum: An in-depth study of more than one topic of the Code of Criminal Procedures, to be determined in the light of the criteria adopted by the College Council. At least one third of the course is taught in English, and one-third of the course's total grade is allocated to it.
Advanced Studies in Penal Law 0302612	General Curriculum: The study of the general theory of crime and punishment, as well as precautionary measures of all its forms, measures of deprivation of rights and material and social measures. Special Curriculum: This course includes an in-depth study of one or more subjects of the Penal Code to be determined in the light of the criteria adopted by the College Council.
Advanced Studies in the Science of Punishment 0302613	The general Curriculum: Includes the definition of punishment via the study of the concept of punishment, its criteria, and method of its implementation in Punitive Institutions and means of sentence care during the penalty inside and outside these institutions as well as subsequent care to implementation of the punishment. Special Curriculum: An in-depth study of the major subjects of the discipline of punishment science is determined in the light of the criteria adopted by the College Council.
Advanced Studies in Special Criminal Legislations 0302614	The general Curriculum: Includes the study of the special section of the Penal Code, especially the crimes against persons, funds and crimes prejudicial to the public interest, provided that the content of this section is determined in accordance with the topic studied in the special curriculum. Special Curriculum: An in-depth study of one or more topics of special penal legislation, to be determined in the light of the criteria adopted by the College Council.

Advanced Studies in International Criminal Law **0302615**	The general Curriculum: Includes the definition of international criminal law, a review of its historical development, a study of its main sources, the definition of international crimes and the nature of international criminal liability. Special Curriculum: Includes the in-depth study of one or more topics of international criminal law to be determined in the light of the criteria adopted by the College Council. At least one-third of the course is taught in English, and one-third of the course's total grade is allocated to it.
Forensic Medicine **0302616**	The general Curriculum: Includes the definition of Forensic medicine and its distinction from other evidence and its historical development, the importance of Forensic medicine and its relation to the judiciary, and the regulations and ethics of the medical profession. Special Curriculum: An in-depth study of one or more topics of forensic science, determined in the light of the criteria adopted by the College Council.
Practical criminal investigation **0302617**	The general Curriculum: Includes the definition of the Practical Criminal Investigation, and the statement of all legitimate measures and means to reach the truth and punish the perpetrator of the crime. Special Curriculum: An in-depth study of one or more topics of the Practical Criminal Investigation, determined in the light of the criteria adopted by the College Council.
Expertise in criminal matters **0302618**	The general Curriculum: Includes the definition of Expertise in criminal matters and its scope, the procedural system of expertise in criminal cases, the effects of experience in terms of the strength of the expert's testimony report in criminal evidence, include the criminal responsibility of the expert. Special Curriculum: An in-depth study of one or more topics of expertise in criminal matters, to be determined in the light of the criteria adopted by the College Council.
Islamic criminal legislation **0302619**	The general Curriculum: Includes the study of the general theory of crime and punishment in Islamic law. Special Curriculum: An in-depth study of one or more topics of Islamic criminal legislation, determined in the light of the criteria adopted by the College Council.

Comparative legal systems 0302620	The general Curriculum: Includes a study of the main topics in the Latin and Anglo-American legal systems in terms of historical origins, sources, and the judicial and procedural system. Special Curriculum: An in-depth study of one or more topics of specialized criminal sciences in any of the comparative legal systems is determined in the light of the criteria adopted by the College Council.
Advanced studies in Criminology 0302621	The general Curriculum: Includes the definition of criminology and the determination of its subjects, the interpretation of the criminal phenomenon and scientific theories that explained the criminal behavior, and the internal and external factors affecting the criminal phenomenon. Special Curriculum: It includes an in-depth study of one or more topics of criminology, which is determined in the light of the criteria adopted by the College Council.
Comparative Legal Research Methodologies 0303606	The course includes a study of the main principles of legal research, determination of the objective of the research, writing of the research plan/outline, selection of the references, drawing ideas from them and ethical reference to them, drawing of conclusions, and recommendations and ways of legal drafting. A third of the total grade is allocated to this theoretical section. The course also aims to prepare students for empirical research under the supervision of the course teacher in order to train the student on the applied scientific research methods. Two thirds of the total grade are allocated to this practical section.

5- Doctor of Philosophy in Law (PhD in Law)

About the program

The program is designed to keep pace with the rapid global developments across various fields, particularly in the legal domain. The program's objectives and outcomes have been defined and structured in alignment with the National Qualifications Framework for 2024 (Level 8). Arabic is the official language of instruction for the program. The PhD in Law program consists of (54) credit hours, divided as follows:

- Core compulsory courses: (18) credit hours
- Specialized elective courses: 6 credit hours, based on the chosen track (Private Law or Public Law)
- Dissertation: 30 credit hours

Vision

Leadership and excellence in developing national human resources in the legal field and scientific research.

Mission

The College of Law aims, through offering the PhD program in Law, to establish specialized legal knowledge, enhance original and innovative scientific research, and develop qualified national cadres in various legal fields.

Goals and Objectives

- Establish a solid foundation of specialized legal knowledge for students across various branches of law.
- Prepare highly competent legal professionals to meet the needs and demands of society.
- Enable students to conduct specialized legal research and studies that contribute innovative scientific and practical advancements in the field of law.
- Foster a spirit of innovation in the legal field among students.
- Develop students' abilities to enhance the existing legal system in alignment with local, regional, and global developments.

Learning Outcomes

Upon graduation from the program, the student will:

S.No.	Program Learning Outcomes	Aligned with L8 QFE Descriptors
1	Extracts legal knowledge within the context of local, regional, and international laws	K, S
2	Compares legislative and judicial trends at the local, regional and international levels	K, S
3	Utilizes self-learning to analyze and evaluate legislative texts and judicial rulings	S, R
4	Completes assigned tasks using modern technology tools	S, R
5	Drafts legal texts, contracts, pleadings, memoranda, and judicial rulings	S, R
6	Conducts in-depth legal research characterized by originality and provides solutions to practical issues	K, S, R
7	Works within a team to evaluate modern trends in legal knowledge	S, R
8	Deduces professional values and standards relevant to legal and judicial fields	S, R

Study Plan for Academic Year 2025/2026
PhD in Law

Course No	Course Title	CR.H.	Prerequisite
Specialization course (33) CR.H			
(1) Compulsory Core Courses (18) CR.H			
0300701	Studies in Comparative Law	3	
0300702	Applications of Artificial Intelligence in the Legal Field	3	
0300703	Legal Studies in English	3	
0300704	Principles of Legal Drafting and Writing	3	
0300705	Principles of Legislative Interpretation	3	
0300706	Comparative Legal Research	3	
[2] Specialized Elective Courses (6 Credit Hours) According to the track chosen by the PhD student			
Private Law Track			
0301701	Civil Transactions Law	3	
0301702	Commercial Law	3	
0301703	Civil Procedure Law	3	
0301704	Private International Law	3	
0301705	Alternative Dispute Resolution	3	
0301706	Intellectual Property	3	
Section Two: The student chooses one course (3 credit hours)			
0302701	Constitutional Law	3	
0302702	Administrative Law	3	
0302703	Criminal Law	3	
0302704	Public International Law	3	
0302705	Public Finance and Tax Legislation	3	
0302706	Environmental Protection Law and Climate Change Mitigation	3	
[3] Dissertation: (30 Credit Hours)			
0300790	Dissertation (1)	12	24 CR. H
0300791	Dissertation (2)	9	Dissertation (1)
0300792	Dissertation (3)	9	Dissertation (2)

Guidance Plan/ PhD in Law

<table>
<tr><th colspan="2">First Year</th><th colspan="2">Second Year</th><th colspan="2">Third Year</th></tr>
<tr><th>First Semester</th><th>Second Semester</th><th>First Semester</th><th>Second Semester</th><th>First Semester</th><th>Second Semester</th></tr>
<tr><td>Studies in Comparative Law (0300701)</td><td>Legal Studies in English (0300703)</td><td>Specialized Elective Courses</td><td rowspan="3">Dissertation (1) (0300790)</td><td rowspan="3">Dissertation (2) (0300791)</td><td rowspan="3">Dissertation (3) (0300792)</td></tr>
<tr><td>Applications of Artificial Intelligence in the Legal Field (0300702)</td><td>Principles of Legal Drafting and Writing (0300704)</td><td rowspan="2">Specialized Elective Courses</td></tr>
<tr><td>Comparative Legal Research (0300706)</td><td>Principles of Legislative Interpretation (0300705)</td></tr>
<tr><td>9 hrs.</td><td>9 hrs.</td><td>6 hrs.</td><td>12 hrs.</td><td>9 hrs.</td><td>9 hrs.</td></tr>
<tr><td colspan="2">18 hrs.</td><td colspan="2">18 hrs.</td><td colspan="2">18 hrs.</td></tr>
<tr><td colspan="6">54 hrs.</td></tr>
</table>

Brief Course Descriptions

Course Title & No.	Brief Course Description
Studies in Comparative Law (0300701)	General Content: This course includes the study of different legal systems such as the Latin legal system and the Anglo-Saxon legal system, with comparative analysis between them. It also covers various comparative methods such as juxtaposition, functional comparison, and analytical approaches. In addition, it addresses general rules in public or private law related to the chosen Subject-Specific Content. Subject-Specific Content: The course requires selecting a specialized topic in public or private law, such as civil law, commercial law, civil procedure law, private international law, criminal law, public international law, administrative law, or constitutional law, and comparing it with selected Arab or foreign legal systems, as determined by the instructor.
Applications of Artificial Intelligence in the Legal Field (0300702)	General Content: This course studies concepts related to artificial intelligence in the legal field, particularly those connected to the chosen Subject-Specific Content. Subject-Specific Content: It includes in-depth research on specialized topics in the field of AI legal applications, such as the use of AI in criminal proceedings at all stages, criminal liability for AI use, applications of AI in legal research and contract analysis, predictive analytics and automated document generation, automated legal consultations and case management, AI-assisted legal review, support in judicial procedures, detection of cyber threats and protection of legal data, as well as smart contracts and AI-assisted legal drafting.
Legal Studies in English (0300703)	General Content: This course provides doctoral students with an advanced and critical study of maritime law, combining a broad understanding of the general framework with in-depth exploration of specialized topics. It is designed to strengthen students' ability to analyze maritime legal issues, evaluate international conventions and domestic legislation, and contribute original research to the field of maritime law and practice. Subject-Specific Content: This involves an advanced, specialized study of a chosen topic in maritime law, such as maritime collision law (liability, apportionment of damages, and international conventions). Topics covered may include: • The concept and legal definition of maritime collision • Rules of fault, negligence, and burden of proof •Liability allocation, contributory negligence, and limitation of liability • Relevant international conventions and case law.

Principles of Legal Drafting and Writing (0300704)	General Content: The course addresses the nature, importance, and types of legal drafting and writing, in addition to related topics such as contracts (definition, classification, elements, effects, and termination). Subject-Specific Content: It involves in-depth study of specialized topics in legal drafting, including legislative and regulatory drafting, legal memoranda, judicial decisions, and contracts.
Principles of Legislative Interpretation (0300705)	General Content: This course explores key topics such as the definition of legislation, elements of legal rules, fundamentals of legislative drafting, the concept of interpretation, its types, schools, and reasons. Subject-Specific Content: Focuses on a set of fundamental principles and methods of legal interpretation.
Comparative Legal Research (0300706)	The course has two parts: theoretical and advanced applied. The theoretical part focuses on contemporary legal research methodologies, critical analysis of advanced approaches, and the philosophy underlying research methods. It also addresses epistemological and ethical foundations of legal research, as well as contemporary debates on knowledge production and interdisciplinary overlaps with social sciences and humanities. The advanced applied part trains students to design an original research project contributing to legal scholarship. It includes identifying research problems, formulating innovative questions and hypotheses, choosing appropriate methodologies, and developing a comprehensive research plan. Students also practice critical analysis of sources, use of global legal databases, applying qualitative and quantitative tools, and producing scientifically valuable results. Practical application continues through student project presentations, discussions, and training in academic writing for peer-reviewed journals.
Civil Transactions Law (0301701)	General Content: This course covers general principles in civil transactions law, such as civil liability and its types and pillar. Subject-Specific Content: In-depth study of specialized topics such as medical civil liability, liability for harm caused by AI, vicarious liability, exemption clauses, time-sharing contracts, off-plan sales, insurable interest in contracts, compensation for moral damage, liability for damages from space exploitation, damages for harm caused by self-driving cars, and applications of strict liability.

Commercial Law (0301702)	General Content: The course explores topics related to commercial law and relevant legislation such as commercial contracts, banking operations, commercial establishments, negotiable instruments, commercial companies, and related areas. Subject-Specific Content: In-depth study of advanced topics such as corporate acquisitions, mergers, restructuring and insolvency, corporate governance, electronic banking operations, maritime transport contracts, agency law, financial leasing, virtual assets, and other contemporary issues. These are analyzed under UAE law in comparison with other legal systems.
Civil Procedure Law (0301703)	General Content: This course studies general principles of civil procedures related to the chosen specialized topic. Subject-Specific Content: In-depth study of specialized issues such as single-session courts, single-degree courts, reversal of Court of Cassation decisions, specialized courts in UAE law, expert evidence, remote communication in civil procedures (e-litigation), AI in litigation, suspension of judicial decisions, and precautionary attachment procedures.
Private International Law (0301704)	General Content: Covers general principles in private international law relevant to the chosen Subject-Specific Content. Subject-Specific Content: In-depth study of specialized topics such as conflict of laws, applicable law, international trends, international jurisdiction of courts, enforcement of foreign judgments and arbitral awards, related international conventions, the legal status of foreigners, domicile, nationality law, and related issues.
Alternative Dispute Resolution (0301705)	General Content: This course explores general rules of alternative dispute resolution (ADR), including causes such as slow litigation, ineffective enforcement, and the general features and types of ADR. Subject-Specific Content: In-depth study of specialized topics such as conciliation, judicial mediation, contractual mediation, procedural aspects of arbitration, arbitration agreements, enforcement of domestic and foreign arbitral awards, and the role of parties in resolving contractual disputes.
Intellectual Property (0301706)	General Content: Covers general principles of intellectual property law relevant to the chosen Subject-Specific Content. Subject-Specific Content: In-depth study of specialized topics such as the role of IP in investment protection, public interest, innovation, consumer protection, IP in the digital era, sustainable development, IP dispute resolution, collective management of copyright, trademark management, and IP & artificial intelligence.

Constitutional Law (0302701)	General Content: Covers general principles in constitutional law relevant to the chosen Subject-Specific Content. Subject-Specific Content: Analytical and comparative study of specialized topics such as constitutional interpretation, constitutional governance, constitutional claims, legislative-executive oversight, supremacy of the constitution, digital democracy, electoral systems, and constitutional authorities.
Administrative Law (0302702)	General Content: Covers general principles in administrative law relevant to the chosen Subject-Specific Content. Subject-Specific Content: Analytical and comparative study of specialized topics such as electronic administrative contracts, e-administrative decisions, evidence before administrative courts, administrative litigation, e-public services, public domain, and public office.
Criminal Law (0302703)	General Content: Covers general principles in criminal law and penalties relevant to the chosen Subject-Specific Content. Subject-Specific Content: In-depth study of specialized topics in UAE criminal law such as deportation as a restrictive penal measure.
Public International Law (0302704)	General Content: Covers general principles in public international law relevant to the chosen Subject-Specific Content. Subject-Specific Content: In-depth study of specialized topics such as: international refugee protection, protection of submarine cables and pipelines under UNCLOS, applicability of IHL to cyberattacks, the role of the ICC Prosecutor, humanitarian intervention and Responsibility to Protect (R2P), international law on counter-terrorism and its financing, and protection of human rights during emergencies and armed conflicts.
Public Finance and Tax Legislation (0302705)	General Content: Covers general principles in public finance and tax legislation relevant to the chosen Subject-Specific Content. Subject-Specific Content: In-depth study of topics such as the development of public finance systems, the role of the state in contemporary economic systems, the impact of globalization on public finance and economic legislation, particularly tax legislation.

Environmental Protection Law and Climate Change Mitigation (0302706)	General Content: Covers general rules and principles of international and national environmental law relevant to the chosen Subject-Specific Content. Subject-Specific Content: In-depth study of UAE legislation and policies on climate change mitigation, with emphasis on Federal Decree-Law No. 11 of 2024 on reducing climate impacts. Topics include objectives and scope of the law, mitigation and adaptation mechanisms, national carbon registry, carbon offset mechanisms, monitoring, reporting and verification systems, adaptation plans, and international cooperation. It also covers international environmental liability, major international agreements (UNFCCC 1992, Paris Agreement 2015), and the role of national and international judiciary in environmental protection.

Policies and Procedures on Projects, Thesis and Dissertations

[1] Master's Thesis Registration and Supervisor Appointment:

1. A student is not allowed to register for a master's thesis until after successfully completing 21 credit hours, including all compulsory courses, and achieving a cumulative GPA of not less than (3) out of (4).
2. After registering the thesis on the admission and registration system, the student submits a request for the appointment of a supervisor for the thesis to the dean of the college, specifying the research field in which they wish to register.
3. The dean of the college refers the request to the head of Department for the department council to appoint a supervisor for the thesis.
4. The number of students registered with a single supervisor should not exceed (6) students, except in cases of necessity and with the approval of the college council.

[2] Approval of Thesis Title (Seminar):

1. The student, under the guidance of the supervisor, selects the thesis topic and prepares a de-tailed proposal plan in preparation for presentation in a seminar, according to the rules outlined in the University's Scientific Theses Preparation Guide.
2. The dean of the college, in coordination with the head of Department and the student's supervi-sor, sets a date for discussing the thesis topic and study plan in a seminar attended by the super-visor, department members, and master's students.
3. The dean of the college documents the seminar in the approved form, including the thesis topic, supervisor, and sends a copy to the department head for approval at the department council meeting, as well as a copy to the thesis supervisor and the Dean of Scientific Research and Graduate Studies at the university.
4. The department council submits a recommendation to the college council for approval of the thesis topic and supervisor, and the college council submits a recommendation to the Dean of Scientific Research and Graduate Studies at the university.

[3] Supervisor's Follow-up for Master's Students:

1. The thesis supervisor submits a detailed report to the dean of the college regarding the student's progress in their studies. These reports are then forwarded to the department council and then to the college council for approval or for any necessary actions.
2. If necessary, and only once, the thesis title may be modified with an explanation of the reasons for the modification. The modification is approved through the same registration procedures.
3. If necessary, with justification provided, the supervisor for the thesis may be changed following the same procedures for supervisor appointment.

[4] Thesis Writing:

The student is required to write the master's thesis according to the guidelines provided in the University's Scientific Theses Preparation Guide, which includes all the rules regarding the text of the thesis, its margins, bibliography, appendices, and other elements.

[5] Checking the Similarity Percentage in the Master's Thesis:

According to the decision of the Dean's Council number (5) for the academic year 2019-2020, amended by decision number (71) of the same academic year in its 23rd meeting, the following steps are followed:

1. The student's supervisor is committed to checking the similarity percentage of the master's thesis using the Turnitin program, utilizing the system provided by the university.
2. The total allowed similarity percentage should not exceed 15%, and the individual similarity percentage for any single source should not exceed 3%.
3. If the individual similarity percentage is between 4% or 5%, the thesis may be accepted on the condition that the Dean of Scientific Research and Graduate Studies prepares a report on the content of the mentioned similarity percentage.
4. The department head, the deputy dean of the college, and the dean of the college sequentially verify the similarity percentage in the master's thesis after it has been checked by the supervisor using the system provided by the university for this purpose.
5. The Dean of Scientific Research and Graduate Studies rechecks the similarity percentage, and after its approval on the mentioned system, the process of forming the examination committee begins.

[6] Formation of the Thesis Defense Committee:

According to the decision of the Dean's Council number (5) for the academic year 2019-2020, amended by decision number (71) of the same academic year in its 23rd meeting, the following steps are followed:

1. The student is obliged to submit the thesis in its final form to the supervisor along with proof of linguistic review by an accredited or specialized language authority.
2. The thesis supervisor submits a report on the validity of the thesis for defense to the dean of the college and proposes the formation of the defense committee, ensuring that only Associate Pro-fessors or Professors are members of the committee.
3. The file for the formation of the master's thesis defense committee is presented to the depart-ment council and then to the college council for approval of the formation.

4. Within a period not exceeding one month from the start of the procedures, the dean of the college submits the file for the formation of the master's thesis defense committee to the Dean's Council, including all documents related to the previous procedures, as well as the curriculum vitae of the external examiner.

[7] Master's Thesis Defense:

1. The master's thesis defense shall be conducted within a period of no less than one month and no more than two months from the date of the Dean's Council decision to form the defense com-mittee. If the two-month period is exceeded, the formation decision is considered void, and a new formation decision must be issued.
2. The defense date is determined through coordination between the dean of the college, the department chair, the thesis supervisor, and the defense committee members, with notification sent to the Dean of Scientific Research and Graduate Studies of the defense date.
3. The defense is conducted in a public session attended by faculty members and some master's students.
4. After the defense, the committee prepares an evaluation form for the master's thesis. The committee issues its decision either (a) to accept the thesis without modifications, (b) to accept the thesis with minor revisions within a period of no less than two weeks and no more than two months, otherwise a re-defense is required, (c) to accept the thesis with substantial revisions within a period of no less than three months and no more than six months, otherwise a re-defense is required, or (d) to reject the thesis.
5. The defense committee members specify the required revisions for the student within the designated timeframe on the provided form.

[8] Master's Students Graduation Procedures:

1. After the student completes the required revisions, they submit the final version of the thesis to the defense committee members for verification of the revisions.
2. After the defense committee members confirm the student's completion of the required revi-sions, they sign the thesis and complete the corresponding form.
3. The student submits eight copies of the thesis bound in black according to the instructions provided in the University's Scientific Theses Preparation Guide.
4. The dean of the college presents the student's graduation file, including previous reports, to the department council and college council to issue a recommendation for the student's graduation.

The dean of the college submits the student's graduation file to the university council for ap-proval of graduation.

Academic Staff - College of Law

College of Law (Al Ain)			
No.	**Name**	**University/Country**	**Rank**
1	Prof. Moustafa Elmetwaly Kandeel	Paris University, Sorbonne, France	Professor
2	Prof. Ali Hadi Al Obaidi	Baghdad University, Iraq	Professor
3	Prof. Tariq Abdel Rahman Kameel	5th Mohammed University, Morocco	Professor
4	Prof. Ibrahim Suleiman Alqatawneh	Amman Arab University, Jordan	Professor
5	Prof. Mohammad Amin AlKarisheh	Ain Shams University, Egypt	Professor
6	Dr. Faisal Abdelhafez Shawabkeh	Abdel malik Alsaadi University, Morroco	Associate Prof.
7	Dr. Zeyad Mohamed Jaffal	Mohammed 5th University, Morocco	Associate Prof.
8	Dr. Fayez Mohammad Al Nusair	Strasbourg III, France	Associate Prof.

College of Law (Abu Dhabi)			
No.	**Name**	**University/Country**	**Rank**
1	Prof. Ramzi Ahmed Madi	Aberdeen University of , UK	Professor
2	Prof. Ziad Khalif Al-Enzy	Ain Shams University, Egypt	Professor
3	Prof. Tayil Mahmoud Shiyab	Poitiers University, France	Professor
4	Dr. Ahmed Fekri Moussa	Cairo University - Egypt	Associate Prof.
5	Dr. Suhaib Walid Sharaiyra	International Islamic University, Malaysia	Assistant Prof.

Moot Court

The Moot Court is a simulation of a real trial in both civil and criminal matters. It is offered in a classroom equipped as a court of law. The relevant cases are carefully selected and students are assigned different judicial roles (judges, prosecutors, defence, etc...) and graded according to their practical performance.

Community Engagement

In support of the overall University policy for Community Engagement and in an attempt to give back to the society that has incorporated AAU as an integral part of it, the College of Law has been involved in a number of community service activities which reflect the level of conscientiousness at the college. The events and activities carried out include:

- Launching a website with the purpose of providing the society at large with Islamic 'Fatwa'.
- Inaugurating the "AAU Center for Legal Consultancy" aiming to provide the members of the community with legal advice on matters of their concern.
- Organizing a "Cultural Season" whereby faculty members deliver presentations to the AAU community and Al Ain society members on contemporary legal problems and issues.
- Conducting a seminar on International Humanitarian Law for legal trainees and faculty members of other academic institutions at the Institute of Training and Judicial Studies.
- Taking part, through students, in the UN project "Ship of Youth" aiming at strengthening communication among the youth of different cultures.
- Holding an awareness seminar on International Humanitarian Law in collaboration with the International Committee of the Red Cross, Geneva.

COLLEGE OF EDUCATION, HUMANITIES AND SOCIAL SCIENCES

About the College

The College of Education, Humanities and Social Sciences, is one of the first three colleges that were established at Al Ain University in 2005. The College is dedicated to providing high-quality teaching, learning and scientific research in various domains of teacher education, in the humanities and social sciences and in special education. The college has proudly espoused a culture of university and community service. It has committed itself to providing services to the university and to the community, as well as communicating with other educational institutions locally, regionally, and internationally.

(Currently, the college offers a wide range of academic programs across different levels. At the undergraduate level, it provides six bachelor programs: Special Education, Applied Psychology, Applied Sociology, Arabic Language and Literature, Islamic Studies, and English Language and Translation. In addition, it offers two postgraduate professional diploma programs: the Postgraduate Professional Diploma in Teaching and the Postgraduate Professional Diploma in Early Childhood Education. At the graduate level, there are four master's programs: Master of Arts in Applied Sociology, Master of Gifted and Talented Education, and two programs in Curricula and Methods of Teaching (Arabic Language and Islamic Education). Finally, the college also offers one doctoral program, the Doctor of Philosophy in Education with a specialization in Arabic Language Curricula and Teaching Methods.)

(The College of Education, Humanities and Social Sciences (CoEHSS) is accredited by the Council for the Accreditation of Educator Preparation (CAEP). This accreditation, which covers initial teacher preparation programs, reflects the College's commitment to quality assurance and continuous improvement. In October 2022, CAEP granted accreditation at the initial-licensure level to the following programs:

- Postgraduate Professional Diploma in Teaching (PPDT).

- Bachelor of Education in Special Education (SPED).

In order to achieve its mission and to make its vision tangible, the College employs highly qualified faculty who possess extensive teaching experience in different fields of specialization; an aspect which is congruent with the accreditation standards of the Ministry of Education in the UAE. The College also emphasizes the use of technology and active learning in its academic and applied activities.

Dean's Message

Founded as one of three colleges in 2005, the College of Education, Humanities and Social Sciences at Al Ain University provides high-quality programs of teacher education. I invite you to learn about the college via our website and the AAU various handbooks. Reading our vision and mission statements would help in understanding the dedication of our faculty, staff and students to the improvement of the lives of people. As you explore our programs, you will recognize a network of individuals with common goals of quality in teaching, research, and community engagement involving a wide range of educational issues. We believe that every individual is unique and we foresee that research as well as collaboration with the community professionals would lead to knowledge, skills, and dispositions, which could improve lives.
As the faculty members are from diverse cultures, we strive to serve the needs of the diverse student population and convey the values along with knowledge to provide outstanding educational experiences. We are devoted to training our students to become effective leaders in addition to in-service practitioners who can make a difference in the lives of others.

Vision

The College of Education, Humanities and Social Sciences at AAU aspires to be a leader in the preparation of prospective professional practitioners. teachers and leaders in education and human sciences who are committed to life-long learning in a changing world and who seek to offer exemplary educational services to improve the quality of life in the UAE and the lives of the individuals the college serves.

Mission

The mission of the College of Education, Humanities and Social Sciences is to prepare professional practitioner teachers and leaders in education, human and social sciences to advance the profession of education, human and social sciences through emphasis on active learning and practice through research, technology, empirical processes in collaboration with related establishments: locally, regionally and internationally.

Values

1. Knowledge Mastery
2. Clinical Practice
3. Reflective Thinking
4. Inquiry
5. Diversity
6. Utilizing Technology
7. Collaborative Partnerships
8. Communication
9. Ethics
10. Assessment

Goals

The College of Education, Humanities and Social Sciences aims to:

I. Provide teacher candidates with quality education which offers central concepts and knowledge to enable them to make successful decisions as educators.

II. Prepare highly skilled teachers and educators who can use teaching and assessment strategies as well as effectively utilize instructional technology to ensure continuous intellectual and social development of the learners.

III. Provide teacher candidates with life-long skills to ensure their professional development as reflective teachers and educators.

IV. Help prospective teachers build professional values necessary to positively impact learners.

Objectives

Upon graduation, teacher candidates should be able to:

I. Create interdisciplinary learning experiences that allow students to integrate knowledge, skills, and methods of inquiry from several subject areas.

II. Design instruction that meets learners' current needs in each domain (cognitive, social, emotional, moral, and physical) and that leads to the next level of development.

III. Use multiple teaching and learning strategies to engage students in active learning opportunities that promote the development of critical thinking, problem solving, and performance capabilities and that help students identify and use learning resources.

IV. Create a learning community in which individual differences are respected.

V. Use formal and informal assessment strategies to evaluate and ensure continuous intellectual and social development of the learners.

VI. Reflect on their practices, continually evaluate the effects of their choices and actions on others and actively seek out opportunities to grow professionally.

VII. Foster relationships with schools, colleagues, parents, and agencies in the larger community to support students' learning and well-being.

VIII. Apply instructional technology, a variety of media communication tools, in order to support instruction, assessment and professional growth as well as productivity. In addition, promote equitable, ethical and legal use of computer technology resources.

IX. Monitor their own teaching strategies and behaviour in relation to students' success, as well as modifying their plans and instructional approaches accordingly.

College Council

No.	Name	Title
1	Prof. Emad Mohammad Alghazo	Chair
2	Dr. Hanene Mukhtar Al Lahiani	Member
3	Dr. Mona Kamal Ibrahim	Member
4	Prof. Samir Jabra Duqmaq	Member
5	Dr. Abdelghani A. Remache	Member
6	Dr. Mohammad H. Faqeeh	Member
7	Dr. Eman Ali Zaitoun	Member
8	Prof. Suad A. Alwaely	Member
9	Dr. Mohammad Issa AL Hourani	Member
10	Dr. Samer Abdel Hadi	Member
11	Dr. Khaled Khamis Nasr	Member
12	Dr. Suzan Mahmoud Al Abidi	Member
13	Dr. khawlah Altkhayneh	Member

A- English Language and Translation Program

Program Overview

The English Language and Translation program at AAU is designed to provide students with the skills essential for a thriving career as professional translators, specializing in both English and Arabic and as proficient users of the English language for various purposes. This program aligns with both national and international market demands, providing comprehensive training in translation across various fields such as business, science, law, journalism, travel and tourism and media. Students will master advanced skills in both languages, while gaining exposure to cutting-edge approaches and theories relevant to the profession.

To graduate, students are required to complete 120 credit hours. This includes 33 credit hours of General University Education courses, 15 credit hours of compulsory college requirements, 42 credit hours of core courses, 24 credit hours of professional courses, and 6 credit hours of electives. The Guidance Plan is organized into 8 semesters, covering both Fall and Spring Semesters. While summer semesters are optional, students opting to enroll in them may accelerate their studies and graduate in under four years.

In the final semester, students undertake a practicum at local translation centers. As outlined in the course description for the Practicum (Clinical Practice), this course provides candidates with supervised, hands-on experience in translating a variety of texts. This full-semester placement in a local agency offers students the opportunity to apply the translation standards and skills they have developed throughout the program. Working either independently or in teams, students will complete designated practicum tasks under the guidance of an instructor. In addition, students will learn to integrate Computer-Assisted Translation (CAT) tools alongside emerging Artificial Intelligence (AI) applications, thereby enhancing their ability to simulate professional translation practices, manage resources, and process data efficiently. This course is particularly suited for students who have completed the theoretical components of the program, as it requires a strong understanding of translation processes, workflows, and the practical application of translation theories.

Student assessment is multifaceted, incorporating exams, quizzes, assignments, projects, and presentations to evaluate their performance. These tools collectively measure how well students achieve the course outcomes and contribute to their final grades. To graduate, students must maintain a minimum GPA of 2.0 on a 4.0 scale. Evaluation methods include presentations, mid-term and final exams, projects, quizzes, term papers, and the practicum, all of which help ensure continuous improvement of both the program and its outcomes.

Vision

To develop students' expertise in English language, as well as in translation between English and Arabic, through exceptional instruction and advanced professional training.

Mission

To prepare highly skilled English language professionals and translators capable of thriving in the increasingly dynamic demand for translation and English language uses across diverse fields both nationally and internationally.

Program Goals and Program Learning Outcomes

Program Goals:

The English Language and Translation Program aims to:

1. Develop students' translation competencies in both Arabic and English
2. Equip students with sound knowledge of the theories of translation
3. Develop students' skills in terminology and technologies of translation
4. Prepare qualified translators with a high sense of decision-making, critical thinking, and creativity
5. Prepare proficient translators able to engage in advanced study and research in the field of Translation Studies
6. Prepare qualified translators able to work in different translation fields

Program Learning Outcomes:*

Upon completion of the program, students will be able to:

No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1.	Develop English language skills in listening, speaking, reading and writing by having learners engage in a wide range of communicative tasks and activities in academic and non-academic contexts	K, R
2.	Apply translation theories, methodologies, and knowledge to address fundamental questions in translation	K, S
3.	Demonstrate accuracy and proficiency in translation from and into English and Arabic at all linguistic levels	K, R
4.	Produce different styles of writing for different cultural, economic, legal, diplomatic, scientific, literary and technical genres	K, S, R
5.	Demonstrate efficiency and skill in performing the various tasks of translation assigned to them during their practicum	K, S, R
6.	Explain and articulate general issues concerning nature and function of language including the domains of phonetics, phonology, morphology, syntax, semantics, and pragmatics	K, S
7.	Analyze the social functions of language and the roles they play in different types of discourse	K, S
8.	Compare and contrast languages in terms of systematic differences in phonetics, phonology, morphology, syntax, semantics, and pragmatics	K, S

**Consistent with the National Qualifications Framework.*

Mapping of English Language and Translation Program Outcomes with Assessment Tools

The learning outcomes in the English Language and Translation program are student-centered, encompassing comprehensive, measurable statements that clearly articulate the knowledge, skills, abilities, and attitudes students will acquire upon completing a course or the program. Throughout the academic year, the English Language and Translation program implements wide-ranging assessments utilizing a variety of tools designed to measure and ensure the achievement of learning outcomes.

The following table shows the mapping of the English Language and Translation program learning outcomes to the assessment tools used to achieve them:

No.	Program Outcomes	Assessment Tools
1.	Develop English language skills in listening, speaking, reading and writing by having learners engage in a wide range of communicative tasks and activities in academic and non-academic contexts	Quizzes, Assignments, Midterm, Project/Research, Field Visit, Final exam
2.	Apply translation theories, methodologies, and knowledge to address fundamental questions in translation	Quizzes, Assignments, Midterm, Field Visit, Student Portfolio, Exit Exam
3.	Demonstrate accuracy and proficiency in translation from and into English and Arabic at all linguistic levels	Assignment, Project/ Research, Case Studies, Student Portfolio, Final Exam
4.	Produce different styles of writing for different cultural, economic, legal, diplomatic, scientific, literary and technical genres	Project, Field Visit, Case Studies, Student Portfolio, Final Exam
5.	Demonstrate efficiency and skill in performing the various tasks of translation assigned to them during their practicum	Project/Research, Field Visit, Case Studies, Presentation, Student Portfolio
6.	Explain and articulate general issues concerning nature and function of language including the domains of phonetics, phonology, morphology, syntax, semantics, and pragmatics	Project/Research Field Visit, Case Studies, Final Exam
7.	Analyze the social functions of language and the roles they play in different types of discourse	Assignment, Lab Assessment, Project Presentation Final Exam
8.	Compare and contrast languages in terms of systematic differences in phonetics, phonology, morphology, syntax, semantics, and pragmatics	Field Visit, Presentation, Final Exam

Study Plan for Academic Year 2025/2026 (120) CR.H./ English Language and Translation Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education Program (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	**0401120**
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self - Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (15) CR.H.			
0404200	Educational Technology	3	**(0102120)**
0405111	The Art of Writing and Composition	3	-
0405210	Arabic Rhetoric	3	-
0405226	Syntax and Morphology	3	-
0408102	Educational psychology	3	-
Third: Specialization Courses (48) CR.H.			
(1) Compulsory Courses (42) CR.H.			
0401212	Pronunciation and speech	3	**(0401121)**
0401220	Reading Comprehension	3	**(0401121)**
0401221	Listening and Speaking Skills 1	3	**(0401121)**
0401223	Writing Skills 1	3	**(0401121)**
0401224	Writing Skills 2	3	**(0401223)**
0401225	Introduction to Literature	3	**(0401121)**
0401230	Basic Grammar	3	**(0401121)**
0401231	Phonetics and Phonology 1	3	**(0401121)**
0401240	Morphology and Syntax	3	**(0401230)**
0401337	Translation of English Texts	3	**(0401211)**
0401338	Introduction to Linguistics	3	**(0401224)**
0401339	Translation of Arabic Texts	3	**(0401211)**
0401340	Translation Theory	3	**(0401337)**
0401430	Applied Linguistics	3	**(0401240)**
(2) Elective Courses (6) CR.H.			
0401309	Consecutive and Simultaneous Interpreting	3	**(0401211)**
0401323	Translation in the Field of Travel and Tourism	3	**(0401211)**
0401325	Translation of Scientific Texts	3	**(0401211)**
0401334	Translation of Literary Texts	3	**(0401325)**
0401421	Discourse analysis	3	**(0401338)**
0401422	Lexicography	3	**(0401338)**
0401426	Technical Writing	3	**(0404200)**
0401436	Contrastive Linguistics	3	**(0401338)**
Fourth: Compulsory Supporting Professional Courses (24) CR.H.			
0401211	Introduction to Translation	3	**(0401121)**
0401331	Advanced Grammar	3	**(0401230)**
0401336	Semantics and pragmatics	3	**(0401240)**
0401410	Translation of Business Texts	3	**(0401211)**
0401412	Translation of Media Texts	3	**(0401211)**
0401414	Translation of Political Texts	3	**(0401211)**
0401425	Translation of Legal Texts	3	**(0401211)**
0401491	Practicum	3	**>=115 C.Hr.**

Guidance Plan/ English Language and Translation Program

First Year		Second Year		Third Year		Fourth Year	
First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
Computer Skills 0102120	Reading Comprehension 0401220	Scientific Research Methodology 0508203	UAE Studies 0409103	Educational Psychology 0408102	Semantics and Pragmatics 0401336	Translation of Legal Texts 0401425	Translation of Political Texts 0401414
Arabic Language 0405100	Listening and Speaking skills 0401221	Pronunciation and Speech 0401212	Phonetics & Phonology 0401231	Morphology and Syntax 0401240	Translation of Arabic Texts 0401339	Applied Linguistics 0401430	Practicum 0401491
English 1 0401120	English 2 0401121	Arabic Rhetoric 0405210	Writing Skills 2 0401224	Translation Theory 0401340	The Art of Writing and Composition 0405111	Translation of Business Texts 0401410	
Group (A)	Educational Technology 0404200	Writing Skills 1 0401223	Advanced Grammar 0401331	Translation of English Texts 0401337	Major Elective (2)	Fund. Of Innovation and Entrepreneurship 0501170	
Islamic Culture 0406110	Basic Grammar 0401230	Introduction to Translation 0401211	Introduction to Literature 0401225	Major Elective (1)	Group (B)	Translation of Media Texts 0401412	
		Introduction to Linguistics 0401338	Morphology and Syntax for Translation 0405226	Science and Life 0201111			
15	15	18	15	18	18	15	6
30		33		36		21	
120							

Brief Course Descriptions

Course Title & No.	Brief Course Description
Pronunciation and Speech 0401212	The course aims at developing the students' pronunciation and at giving them the opportunity to practice listening to speech at conversational speed and in a variety of English accents. The focus is primarily on improving features of pronunciation that are particularly relevant to understanding English and to developing fluency.
Reading Comprehension 0401220	The course provides practice for intensive and extensive reading at an advanced level. Texts are selected with a view to a variety of subject matters and styles, in addition to being relevant to the students' interests and needs.
Listening and Speaking Skills 0401221	This course develops major skill areas in listening and speaking including the use of correct grammatical structures in spoken English, the development of a working English vocabulary, training in a Standard English pronunciation that is useful in an international setting, the development of listening and speaking strategies that are useful in academic and everyday settings (listening for details, listening for the main idea, note taking, and seminar presentations, showing awareness of various cultural differences, displaying confidence and accuracy in oral presentations). Additionally, this course introduces students to authentic conversations, recorded speeches, and discussions presented by both native and non-native speakers of English.
Writing Skills 1 0401223	This course is an introduction to the composition process from the sentence on to the paragraph via various writing approaches. The course emphasizes editing and revising for format, usage, punctuation, spelling, and capitalization.
Writing Skills 2 0401224	This course is the second course in the writing course sequence. It integrates the methods learnt by students in Writing I with more complex writing strategies so as to give students a solid grounding in writing techniques and skills.
Introduction to Literature 0401225	This is the initial course in the core of the literature courses. It introduces literature and the nature of literary language including critical commentary on the social, literary, and cultural influences which have shaped it.
Basic Grammar 0401230	This course is designed to activate the beginning student's passive language base. The student will be introduced to the systematic knowledge of basic English grammar.
Phonetics and Phonology 0401231	This course consists of the study of the sound system of English, dealing with both the production and perception of sounds. The distribution and 'contrastive features' of the sounds of English will be dealt with. The student will be tasked with pronunciation exercises and IPA transcription exercises, both in a classroom setting and in a number of lab sessions where Internet-based resources will be used to train the students' proficiency in recognizing and producing English sounds. A number of articulatory processes common to English are dealt with, and are modelled using phonological rule representations.
Morphology and Syntax 0401240	This course is intended to cover two major linguistic levels: morphology and syntax. The first part of the course is confined to word formation in English, its rules, and constraints with regard to inflection, derivation and other processes. The second part deals with English phrase and sentence grammar, introducing students to different approaches in syntactic analysis and especially utilizing the generative transformational theory. The course ends exploration of the morphology-syntax interface within the grammar of English.

Translation of English Texts 0401337	This course introduces the basic techniques of English-Arabic translation, the field of translation, the skills necessary to work as a successful translator and the process and quality of translation with emphasis on the differences in the two cultures. It requires practical tasks that involve translation from English into Arabic. Exercises will provide translation practice with different types of texts.
Introduction to Linguistics 0401338	This course consists of an introduction to the scientific study of language and language systems with special focus on English. It covers the various levels of representation dealt with in modern linguistics, including an introduction to semantics and pragmatics, and the linguistic analysis of various grammatical categories of English.
Translation of Arabic Texts 0401339	This course introduces the basic techniques of Arabic-English translation, the field of translation, the skills necessary to work as a successful translator and the process and quality of translation with emphasis on the differences in the two cultures. It requires practical tasks that involve translation from Arabic into English. Students will work on solving stylistic, syntactic, cultural, terminological, and technical problems encountered in the Arabic- English translation process.
Translation Theory 0401340	This course provides a conceptual map of translation studies and outlines the various theoretical approaches and trends that impact the practice of translation. It also introduces the range of factors that govern the process of translation and the theoretical underpinnings that have motivated different attitudes to translating and translations.
Applied Linguistics 0401430	This course consists of an introduction to the field of applied linguistics with special focus on language teaching, theories of language acquisition, and language learning. Introductory topics in sociolinguistics are also dealt with in the course. The course is designed to be of theoretical and practical value for teacher candidates.
Introduction to Translation 0401211	This course introduces students to the basic principles of translation, focusing on two languages: English and Arabic. It familiarizes students with the use and types of translation, and provides them with a solid background on the structural differences and/or similarities between English and Arabic
Advanced Grammar 0401331	This course is an in-depth study of grammatical categories (the noun/verb phrase, adjectives/adverbs, and prepositions. The course focuses on the main sentential phenomena such as the simple, complex, and compound sentences with relative and other subordinate clauses.
Semantics and pragmatics 0401336	This course aims, firstly, to introduce students to the basic principles of semantics (the study of meaning) as a component of grammar. It also aims to introduce students to meaning on both word and sentence levels. In addition, it addresses various issues pertaining to formal semantics, lexical semantics, and cognitive semantics. It also introduces students to the field of pragmatics and its distinction from semantics.
Translation of Business Texts 0401410	This course aims to train future translation professionals to provide quality translations of business texts in Arabic and English. The course will introduce students to the business style employed in such texts, along with efforts to enrich their lexis its domain. Focus is laid upon the translation of texts of business nature in a bid to familiarize the students with a variety of texts on finance, banking, stock markets, business administration and correspondence and business terminology, in addition to stressing rhetorical and stylistic features of the translated Arabic text.

Translation of Media Texts 0401412	This course aims to train future translation professionals to use the techniques of translating media texts, including press releases, magazine articles, advertisements and promotional materials. The course will introduce the practical and research skills that are of immediate importance to the translation of media texts through translation samples taken from the real world. Focus will be on the strategies involved in the translation of media texts from English into Arabic and vice versa.
Translation of Political Texts 0401414	This course aims to develop the skill of translating political texts with the complexity of structure and terminology. Elements of legal and political writing styles will be introduced as essential preparation for this type of formal translation work. Students will translate political texts of different types such as newspaper articles, speeches, diplomatic and international organizations' documents.
Translation of Legal Texts 0401425	The course aims to provide students with a systemic understanding of the principles and practices of the translation of legal texts. The course focuses on specialized legal terminology and related linguistic structures to help prepare students for the translation of legal text and documents from Arabic to English and vice versa. The course comprises the key principles of legal texts and trains students to use proper translation techniques and appropriate legal writing styles.
Practicum 0401491	This course is designed to provide the candidates (trainees) with supervised practical experience in translating all types of texts through spending full semester training in one of the local agency or agencies. During the course, the candidates are expected to demonstrate mastery of all standards that have been learnt and adopted in the program. Candidates will work in teams or individually to complete different practicum activities set out in the course with the guidance of the course instructor. Candidates are also expected to learn how to integrate the use of Computer Assisted Translation CAT tools to simulate the professional practice in the industry and to manage the resources and data. The course is best suited for students who have accomplished the theoretical credits as it will require a good understanding of the translation process, workflows, and the practicality of translation theories and strategies.
Consecutive and Simultaneous Interpreting 0401309	This course introduces the students to the principles of consecutive and simultaneous interpretation (C&SI) to develop their oral interpretation skills. It aims to provide them with high-level training in those interpreting skills most relevant to the translator at work. It also, provides advanced training in liaison and consecutive training with a focus on professional standards and community needs. Theoretical insights into the process of interpreting are presented and placed within an overall, practice-driven model of the process.
Translation in the Field of Travel and Tourism 0401323	This course focuses on the language and interpretation of texts specialized in the field of travel and tourism with the purpose of training future translation professionals to produce quality translations of texts related to this field. Students will be exposed to various types of written texts in the field of travel and tourism such as brochures and leaflets, catalogues, blogs, newspaper articles and travel memoirs and books. Special attention is given to effective cross-cultural translation of travel and tourist texts. The language, terminology and style of these texts will be thoroughly analyzed.

Translation of Scientific Texts 0401325	This course aims to train future translation professionals to provide top-quality translations of scientific texts in Arabic and English. The course will introduce students to the scientific style employed in such texts, along with efforts to enrich their lexis in its domain. Focus is laid upon the translation of texts of scientific nature in a bid to familiarize with the standardized equivalents in Arabic of the various components of scientific terminology, in addition to stressing rhetorical and stylistic features of the translated Arabic text.
Translation of Literary Texts 0401334	This course introduces students to theories and approaches of literary translation, taking into account the cultural, aesthetic, linguistic and stylistic dimensions of these texts. It offers extensive practice of translating literary texts. The course also considers questions of translatability, fidelity, maintaining equivalence of meaning and form, preserving author's creativity and stylistic features, etc.
Discourse Analysis 0401421	The content of this course introduces theories and methodologies for the study of human discourse, or language in use. In addition, it identifies and classifies various genres or texts types which operate in particular social settings. This develops skills in analyzing aspects of and in different texts, characterizing the interpersonal stances adopted by speakers and writers.
Lexicography 0401422	This is an introductory course in lexicography, during which students master a number of basic concepts and issues connected with the theory and practice of dictionary making. The lectures cover types of dictionaries language learners and teachers have at their disposal, the difference between a linguistic dictionary and an encyclopedia, dictionary structure, basic information categories presented in linguistic dictionaries.
Technical Writing 0401426	This course, the third course in the series aims at introducing students to formal writing techniques which can help them produce cohesive and coherent forms of written English. The course introduces the types of writing that will facilitate obtaining a career in professional, administrative and research-oriented fields. The types of writing include formal emails, reports, cover letters, business letters, CVs, memorandums, posters, and proposals.
Contrastive Linguistics 0401436	This course provides students with insight into the differences between English and Arabic at various levels and the influence of Arabic on the performance of Arab students' in learning English as a second or foreign language. It further introduces students to the concept and methods of error analysis as applied within the context of learning English by Arabic speakers.

C- Bachelor in Arabic Language and Literature Program

Program Overview
The College of Education, Humanities and Social Sciences offers a Bachelor's program in Arabic Language and Literature, established in response to market demands and the needs of the local community. Through this program, the College aspires to contribute effectively to the development of UAE society by preparing qualified cadres who can employ the Arabic language, literature, and modern technologies, while embracing the nation's heritage and engaging with the curricula and perspectives of others, in alignment with the UAE National Qualifications Framework.

Vision
The BA program (Arabic Language and Literature) at Al Ain University aspires to be a leading educational center in disseminating literary, linguistic and critical knowledge and preparing professional cadres specialized in literary and linguistic studies according to the educational system of the United Arab Emirates.

Mission
Spreading literary, linguistic and critical knowledge within an educational system characterized by integration, development and openness, and preparing specialists in literary and linguistic studies, equipped with adequate communication skills, and qualified to apply this knowledge and experiences in research fields, and in all fields of work that require the employment of Arabic, its literature and techniques, absorbing the heritage of the nation, and open to curricula and perspectives of others, affirming the values of belonging, developing critical thinking, self-learning and teamwork.

Program Goals and Program Learning Outcomes

Program Goals:

The BA program (Arabic Language and Literature) aims to:

I. Preserving and enhancing the place of the Arabic language in Arab and international societies, in general, and Emirati society, in particular.
II. Highlighting the importance of Arabic grammar and literary methods, as it is the solid foundation for understanding the texts of the Qur'an, the Prophet's hadith, and the Arabic linguistic heritage of poetry, prose, and others.
III. Achieving quality in teaching Arabic language and literature to students specialized in various career fields.
IV. Developing students' language skills through an effective communication process and developing their literary and critical skills in a scientific, technical environment based on self-learning and collaboration.
V. Advancing community service through programs focused on developing language skills and literary methods for employees, writers, and related audiences.
VI. Enabling students to practice scientific research related to Arabic language sciences and literature, in accordance with quality assurance standards.

Program Learning Outcomes:*

Upon completion of the program, students will be able to:

No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1.	Demonstrate specialized knowledge and motivation for innovation, self-learning and cooperative learning in the study of the Arabic language and its literature and related concepts, principles, theories, skills, directions, rules and relevant standards.	K, S, R
2.	Employ the Arabic grammar in morphology, grammar and rhetoric to enhance its effective communication skills: reading, writing and speaking, and improving his understanding of the various religious and traditional texts.	S, R
3.	Choose appropriate research, critical and technical means and methodologies to distinguish between the ages of Arabic Literature, ancient and modern, their multiple artistic trends, their literary and linguistic schools, and their theories and applications.	K, S
4.	Employ reflective thinking, critical analysis and self-evaluation skills in developing knowledge, skills and values related to the Arabic language and literature.	S, R
5.	Develop linguistic and literary skills—encompassing research, technical, and leadership dimensions—that contribute to preserving the Arabic language and its literature, while addressing challenges in its daily use across social communication, scientific publishing, and technological development through innovative approaches.	S, R
6.	Appreciate the role of scientific, research, and technological developments in uncovering the theoretical and material foundations of the historical relationship between Arab culture and other human cultures, while reinforcing its present and future contribution to the advancement of humanity.	K, R
7.	Value the Arabic language and its literature by promoting its learning and teaching, strengthening cultural and moral affiliation, interpreting religious and heritage texts, and upholding its ethical dimensions.	R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 - (126) CR.H./ Bachelor in Arabic Language and Literature Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education Program (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	**0401120**
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408100A	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100A	Ethical Awareness	3	
0409102A	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103A	Thinking Skills	3	
0408104A	Self - Assessment	3	
0501100A	Introduction to Time Management	3	
0501100A	Leadership and Teamwork	3	
0501150A	Leadership and Teamwork	3	
Second: Compulsory College Requirements (15) CR.H.			
0403101A	Teaching Diverse Students	3	-
0404200A	Educational Technology	3	**(0102120)**
0405205A	Curriculum and Instruction	3	-
0405206A	Foundations of Education	3	-
0408102A	Educational Psychology	3	**(0408100A)**
Third: Compulsory Specialization Courses (66) CR.H.			
0405111	The art of writing and composition	3	-
0405112	Literary Appreciation	3	-
0405201	Syntax (1)	3	-
0405210	Arabic Rhetoric 1	3	-
0405211	Pre-Islamic Literature	3	-
0405212	Prosody	3	-
0405222	Morphology 1	3	-
0405312	Literary Criticism	3	**(0405211)**
0405323	Early Islamic and Umayyad Literature	3	**(0405211)**
0405325	Abbasid Literature	3	**(0405323)**
0405401	Syntax (2)	3	**(0405201)**
0405402	Linguistics	3	-
0405403	The Quranic Eloquence	3	**(0405210)**
0405405	Syntax 3	3	**(0405401)**
0405406	Syntax 4	3	**(0405405)**
0405411	Andalusian Literature	3	**(0405325)**
0405420	Modern Arabic Literature	3	**(0405411)**
0405421	Arabic Rhetoric 2	3	**(0405210)**
0405422	Arabic Lexicology	3	-
0405423	Introduction to Linguistics	3	-
0405425	Morphology 2	3	**(0405222)**
0405426	Phonetics	3	-
Fourth: Free Elective Courses (3) CR.H.			
-	-	3	-
Fifth: Compulsory Supporting Professional Courses (24) CR.H.			
(2) Elective Courses (9) CR.H.			
0405122	Teaching Arabic to non-native Speakers	3	-
0405213	Literature in the Arabian Gulf	3	**(0405420)**
0405311	Children's Literature	3	**(0405420)**
0405324	The Syntax of the Holy Qur'an	3	**(0405406)**
0405332	An Old Book in Language or Literature	3	-
0405429	Arabic for the Media	3	-
0405432	Scientific Research Methodologies in Linguistic	3	**(0508203A)**

Guidance Plan/ Bachelor in Arabic Language and Literature Program

	السنة الأولى		السنة الثانية		السنة الثالثة		السنة الرابعة	
	الفصل الأول	الفصل الثاني	الفصل الأول	الفصل الثاني	الفصل الأول	الفصل الثاني	الفصل الأول	الفصل الثاني
	اللغة العربية Arabic Language (0405100)	اللغة الإنجليزية (2) English (2) (0401121)	أساسيات الإبتكار وريادة الأعمال Fund. Of Innovation and Entrepreneurship (0501170A)	منهجية البحث العلمي Scientific Research Skills (0407240A)	أصول التربية Foundations of Education (0402201A)	المناهج وطرق التدريس Curriculum & Instruction (0402201A)	الأدب الأندلسي Andalusian Literature 0405411	الأدب العربي الحديث Modern Arabic Literature 0405420
	اللغة الإنجليزية (1) English (1) (0401120)	العلم والحياة Science & Life (0201111A)	الدراسات الإماراتية UAE Studies (0409103)	علم النفس التربوي Educational Psychology (0402100A)	التعليم في بيئة متنوعة Teaching Diverse Students (0402101A)	الأدب العباسي Abbasid Literature 0405325	البلاغة العربية (2) Arabic Rhetoric (2) 0405421	الصرف (2) Morphology (2) 0405425
	فن الكتابة والتعبير The art of writing and composition (0405111)	النحو(1) Syntax (1) (0405201)	النحو(2) Syntax (2) (0405401)	النقد الأدبي Literary Criticism (0405312)	علم العروض Prosody 0405212	النحو (4) Syntax (4) 0405406	المعاجم العربية Arabic Lexicology 0405422	البيان القرآني The Qur'anic Eloquence 0405403
	مهارات الحاسوب Computer Skills (0102120)	الثقافة الإسلامية Islamic Culture (0406110)	الذكاء الاصطناعي في التربية AI in Education 0404200A	الصرف (1) Morphology (1) 0405222	النحو (3) Syntax (3) 0405405	البلاغة العربية (1) Arabic Rhetoric (1) 0405210	مقدمة في اللسانيات Introduction to Linguistics 0405423	علم الأصوات Phonetics 0405426
	تذوق النص الأدبي Literary Appreciation (0405112)	جامعة اختياري University Elective	الأدب الجاهلي Pre-Islamic Literature 0405211	جامعة اختياري University Elective	أدب صدر الإسلام والعصر الأموي Early Islamic and Umayyad Literature 0405323	تخصص اختياري Major Elective	لغويات Linguistics 0405402	مساق حر Free Course
					تخصص اختياري Major Elective		تخصص اختياري Major Elective	
Total	15	15	15	15	18	15	18	15
Total	30		30		33		33	
Total	126							

Brief Course Descriptions

Course Title & No.	Brief Course Description
The art of writing and composition 0405111	The course aims at enabling the students to master the writing and expression skills by examining: the language function, the conditions for successful communication, styles, differences between creative and functional writing, writing dimensions, general writing principles, thinking, holistic and specific ideas, organizing the topic, choosing a title, the introduction, the body, expository text, the paragraph along with conditions for its power and its potential problems, topic sentence, supporting details and reinforcement methods. Furthermore, the course presents some of the writing problems students may encounter with regards to: structure, morphology, punctuation and spelling. It also introduces samples of model texts such as letters, essay, reports and meeting minutes. In addition, it addresses oral skills and public speaking along with exercises.
Literary Appreciation 0405112	This course aims at teaching the students selected literary texts from: the Holy Quarn, Hadeeth and classical literature (poetry and prose), that represent a wide array of genres. The study is concerned with enabling the students to appreciate the examined texts by analyzing according to a suitable approach among the different approaches to analyzing a literary text. Some of these are: the mythical approach, the symbolic, psychological, aesthetic, sociological, realistic and stylistic among others. This is expected to lead to an aesthetic relationship between the student and the text.
Syntax 1 0405201	The course aims at familiarizing the students with: the basics of Arabic syntax, parsing, including parsing the noun and the verb with major and minor marks, the classifications of verb tenses, the concept of a noun whether definite or indefinite, the noun with a vocalized ending, and the sentence along with its structure, constituents, types (nominal and verbal. In addition, the course should familiarize the students with the original cases of the subject and predicate, their different types, positions, whether they can be explicit or deleted, and the particles that change the structure of the nominal sentence such as kana set, inna set, etc. Also it addresses the agent (doer) and its related rules and its substitute. Also, the course focuses on exercises and training the students to apply what they know about Arabic grammar in their reading, writing and speaking.
Arabic Rhetoric 1 0405210	This aims at studying topics in rhetoric, stylistics and metaphors in Arabic. As for metaphors the course introduces the history of this field, how it has developed, its basic components, the different types of tropes and how they contrast. The course focuses on the application of this knowledge on texts. As for stylistics, the course introduces several topics in addition to the application on selected texts.
Pre-Islamic Literature 0405211	This course aims at familiarizing the student with the pre-Islamic Arabic literature though understanding the lifestyle during that era because it is the most important component of pre-Islamic literature. The course addresses the topics of the poetry and prose at that time. Focus will be on the primary issues that characterize that era. It also introduces the masterpieces of poets as well as what modern writers have said about the pre-Islamic literature.
Prosody 0405212	This course aims at study the field of prosody in terms of its scope, reasons why it emerged and its pillars. The course includes terminology of this field, prosodic meter, mobile letters quiescent letters and rhymes. It examines modern and classical trends in the field.

Morphology 1 0405222	This course aims at familiarizing the students with morphology and its subfields. It also enables the students to recognize the structure of the word and the changes that apply to it. The student should study: the derivation concept, the words that can be and cannot be derived. The student studies: the morphological scheme along with its rules, the structure of nouns and verbs, their inflections, adverbs of time and place, gender inflections, pluralization, adjectives, comparative and superlative structures, instrument nouns in addition to some relevant phonological rules.
Literary Criticism 0405312	This course aims at examining the history of literary criticism including its sources, approaches adopted by Arabs in the past and nowadays, and the stages it has passed through. It includes the primary criticism issues such as pronunciation and meaning, literary plagiarism and the poetic coherence. The student is introduced to the prominent schools of criticism and the modern criticism trends like the romantic, classical and realistic schools among others. Besides, the course introduces scholars in literary criticism contemporary and past. It focuses on the nature of literature and its function, and critical texts that represent contemporary and classical issues.
Early Islamic and Umayyad Literature 0405323	This course aims at introducing the Arabic literature during the Early Islamic and Umayyad era. It focuses on presenting the improvements manifested in several aspects including the content and the art since it extended from the pre-Islamic period until the end f the Umayyad era. Texts of poetry and prose are selected for examining their content and aesthetic features that match the dynamic atmosphere of politics and religion in which this literature developed.
Abbasid Literature 0405325	This course aims at briefly studying the nature of the literary life during the Abbasid era then going into the details of the poetry of this era, its features and nature. Then it addresses the political, social and cultural life during that era. It examines the types of prose and prose authors. It examines and analyzes texts by highlighting their features and aesthetic value.
Syntax 2 0405401	This course aims at familiarizing the students with the specific rules of the sentence complements through analyzing them and learning their rules that overlap with semantic and parsing relationships related to the sentence object (patient) along with its rules. Also, it addresses the adjective, the adverb, prepositions and objects of preposition. The course focuses on applying the knowledge of Arabic grammar on Quranic and literary texts selected from the poetry and prose (classical and modern)
Linguistics 0405402	This course aims at studying the theoretical and methodological bases of describing the language phenomenon and how it was explained by the pioneering Arabic scholars. It introduces the contemporary counterparts. This course build upon the concept of contemporary linguistics and its purposes. Attention will be given to the context theory, linguistic approaches, stylistics, the rise of the Arabic linguistic school and its status among others. The course is concerned with the primary foundations of the Arabic linguistic school with regards to the syntactic and morphological complexity. It addresses the stand of the Arabic linguistic school regarding development and globalization.

The Qur'anic Eloquence 0405403	This course aims to analyze the rhetorical methods in the Quranic text in terms of pronunciation, composition and context. It includes: a brief definition of composition theory and its dependence on semantics, the effect of this on the composition miracle, the understanding of the Qur'anic text, and the statement of its unique style of speech of human beings, taking into account the semantic and rhetorical view, the aesthetic linguistic view, and literary composition. The course focuses on explaining the secrets of the Qur'anic expression in its various rhetorical manifestations, such as the secrets of hysteron-proteron, definition and indefiniteness, deletion and stating, separation and connection, shortening, and others. It discusses the claim of addition and excess in the Qur'an, focusing on the secrets of letters of meanings in the Qur'an. It also deals with the subject of eloquence of photography in the Qur'an and its aesthetics, and the topic of truth and metaphor. The course is concluded with a practical study of some suras and Quranic texts and rhetorical analysis. This course also aspires to link Quranic meanings to life, civilizational, psychological and social situations.
Syntax 3 0405405	This course aims at studying the constituents of the sentence in Arabic. It examines the lexis that function as verb such as the gerund, and the structures of exclamation, praising, diminution, specificity and superlative. It introduces the prepositions and complements. It focuses on the exercises and applying the knowledge of Arabic grammar in reading, writing and speaking.
Syntax 4 0405406	This course aims at enabling the students to know the patterns of the Arabic sentence and semantic tools by learning their rules and applications. It explores more advanced topics in syntax and focuses on applying the knowledge on texts from contemporary and classical literature.
Andalusian Literature 0405411	This course aims at familiarizing the students with new concepts related to the Andalusian literature and arts including poetry and prose. Samples of selected texts written by well-known figures in poetry and prose who had remarkable contributions to the heritage. Features of the Andalusian Literature will be examined in representative texts. Students are expected to realize the human and emotional value of the Andalusian heritage and the dimensions of its impact on the human cultures including the European culture. The course highlights what can be learned from the human experience to improve personally.
Modern Arabic Literature 0405420	This course aims at briefly studying the most important literal arts (poetry and prose) in modern Arabic literature through variable literary texts. It includes studying the stages of development of literary texts in addition to their content and aesthetic features. The course studies several genres in the modern literary movement and explains the factors influence the contemporary awareness reflected in literature. The course presents several types of texts including translations from other languages. It examines the stages of development of modern literature and the primary trends and schools that have emerged during this era.
Arabic Rhetoric 2 0405421	This course aims at examining the field of semantics and introduces stylistics and speech. It explores stylistic purposes and meanings. It addresses several stylistic features that apply to discourse like deletion, definiteness and indefiniteness, sentence structure, brevity, etc.
Arabic Lexicology 0405422	The first part of the course approaches the Arabic dictionary and describes the beginnings of dictionary compilation. It introduces the lexicological schools, their methodology, followers, features and flaws. The course trains the students how to use the Arabic dictionaries. The second part of the course deals with topics in modern semantics and its content as a modern field of study. It explores the important contemporary theories in semantics.

Introduction to Linguistics 0405423	This course aims to study the philology of the Arabic language, and includes a study of the theories of the emergence of the language and a study of the characteristics of Semitic languages and the characteristics of Arabic, and the old Arabic dialects and their difference in sound, phonology, grammar and semantics. The course also includes a study of the sources of linguistic argumentation and linguistic development in sound and significance and methods of linguistic growth in Arabic: such as derivation, synonym and verbal partnership, contrast, substitution and reversion. It focuses on basic concepts in modern linguistics such as: the superficial structure and deep structure of organizational structure, verbal conjugation, stylistic analysis and textual analysis and other concepts that are essential in this science. The course deals with different audio issues towards the tone, toning, syllable and phoneme changes at the level of Phonology and other audio issues.
Morphology 2 0405425	This course aims to introduce students to the changes in the structure that are not indicative of new meanings, such as substitution, defectiveness, spatial reversion, transportation, slurring, facilitation, and extension. The changes that occur to the structure do not transfer it from one type to another and do not gain new connotations, but are formal changes, and general phoneme phenomena that occur on the structure, whatever their type is, be it a name, a verb or a letter. This course also focuses on showing the close relationship between phonology and phonetics and to what extent they are mixed. As the audio phenomena play a prominent role in determining the morphological units and showing their value.
Phonetics 0405426	This course aims to provide the student with the skill of the correct reciting of the Holy Qur'an through mastering the rules of intonation, learning about phonology and its effect on language and intonation, and what it requires from the knowledge of the speech organs and the audio system. It also includes explanation of the meaning of intonation, its importance, principles and provisions of seeking Allah's protection and basmalah (saying: in the name of Allah), and recitation etiquette of the Holy Qur'an and its ranks, mastering the basic rules of intonation, explaining the letter's exits and their own and casual qualities, and emphasis and gentleness, and focuses on practicing this on the twenty-eighth and twenty-ninth chapters of the Holy Qur'an, and instructing the student to memorize a suras from the thirtieth part of the Holy Qur'an.
Teaching Arabic to non-Native Speakers 0405122	This course aims to introduce students to the methods of teaching Arabic to non-native speakers and related theories and their development. It also highlights the reality of curricula, their design, and the reality of Arabic language teachers and their competencies. In addition to this, the course deals with the methods of teaching Arabic language skills from reading, writing and listening through its culture, and focuses on linguistic encounter and analysis with the aim of reaching the most effective methods in teaching Arabic to non-native speakers.
Literature in the Arabian Gulf 0405213	This course aims to introduce students to the literary achievement in the countries of the Gulf Cooperation Council, by reviewing the patterns of literature therein; from an essay, poetry, story, and novel, and the evolution of these literary patterns, monitoring the factors affecting them, identifying the topics raised by these literary patterns, and linking them to social conditions and intellectual influences, in addition to identifying the most important literary figures in the countries of the Gulf Cooperation Council.

Children's Literature 0405311	The course aims to introduce the concept of children's literature and its fields, and it includes literary genres that suit the different characteristics of children's development, such as story, puppet theater, hymns and short poems, and conditions for writing for children and its characteristics, and focuses on methods of teaching the story, play, maxims, proverbs, and essay for children, and the use of children's literature media in teaching ranging from audiovisual devices, children's theater, children's books, magazines and newspapers. The course also includes analyzing models of children's literature, and developing the standard for choosing a book suitable for children.
The Syntax of the Holy Qur'an 0405324	This course deals with the study of the syntax of eight chapters of the Holy Qur'an introduced by studying the seven differences in the Qur'anic readings, and the link of parsing with readings. Then the student studies each surah from a book of syntax that represents an approach of authorship in the synthesis of the Qur'an, and he studies Surah al-Rahman from the book Revealing the Forms of readings by Mekki, and he studies Surat Al-Fajr from the book of Parsing of thirty surahs by Ibn Khalawiyyah, and Surah Al-Kahf from the book "The Problem of the Parsing of the Qur'an by Mekki, and Surat al-Najm and al-Qamar from the Book of Disclosure in the Expression of the Qur'an by al-Akbari, Al-Muzammil and Muddathir from the Book of Meanings of the Qur'an by Al- Farra', and Surah Al-Naba' from the Book of Interpretation of Al-Baher Al- Muheet by Abu Hayyan, and finally the effect of Quranic readings on the richness of grammatical rules.
An Ancient Book in Language or Literature 0405332	This course aims to address one of the sources of literary, critical, rhetorical or linguistic heritage, in order to train the student to read old texts, and to familiarize themselves with the method of their authors in the authorship and issues that they were interested in and to identify sources that help them to understand what these books deal with. The student discusses many grammatical and rhetorical aspects, and he is trained on documentation and investigation, and employs all of this in his scientific and practical life, and identifies the rare ancient heritage books.
Arabic for the Media 0405429	The course deals with the rules and basics of writing in the Arabic language for the media, and aims to support the students' linguistic faculty, and strengthen their abilities to express their thoughts and opinions in a simple, clear, error-free effective language for various media, and the role of these means in achieving development and linguistic enrichment in the field of syntax and paragraphs for the media message. It also strengths their faculties in the field of modern media terminology to formulate news and news stories according to the rules and conditions adopted in the field. It includes the rules for expressive writing for the media, through practical examples of linguistic forms and patterns prevalent in the media.
Research Methodology in Linguistic and Literary Studies 0405432	The course aims at researching the nature of knowledge, the types of scientific research, the benefits and importance of scientific and linguistic research, and an overview of the Arabs and Muslims' approaches to linguistic, literary and rhetorical scientific research such as the method of mental and inductive empirical and descriptive reasoning, and deals with the steps for preparing linguistic scientific research, and the difference between the report and the research, how to write the scientific thesis, and the comparison between research, the report and the book. It also deals with how to review the manuscripts, (and the study deals with the definition of the manuscript and the conditions for its revision and the steps followed to review the manuscript, and how to review the text in the manuscript, number and index it).

D- Bachelor in Islamic Studies Program

Program Overview

The Bachelor's Program in Islamic Studies, offered by the College of Education, Humanities and Social Sciences, was established to meet the needs of the job market and the local community. The program aims to contribute actively to fostering a sound understanding of Islamic doctrine, morals, rituals, and teachings within a framework of moderation, aligning with the National Qualifications Framework of the United Arab Emirates.

Vision

The Bachelor Program in Islamic Studies at Al Ain University aspires to be a pioneering center for promoting the correct understanding of Islamic doctrine, morals, rituals and teachings within a moderate frame of thinking, and producing professional specialized in Islamic studies aligned with the educational framework of UAE.

Mission

The mission of the program is to produce teachers, Imams, preachers and scholars in the field of Islamic Studies to be in charge of educating upcoming generations and refining their behavior; providing community members with a correct understanding of Islamic beliefs, morals, rituals and teachings within a moderate frame of thinking. The Program seeks to develop knowledge, skills and professional skills related to the outcomes of the program.

Program Goals and Program Learning Outcomes

Program Goals:

I. Preserving and emphasizing the role of Islamic studies in Muslim and international communities in general, and particularly in the Emirati community.
II. Emphasizing the importance of the topics of Islamic studies since they constitute the solid base for understanding Quran, Hadith and Islam.
III. Ensuring quality in teaching Islamic studies to students specialized in professional domains suitable for their specialization.
IV. Improving students' skills in various topics and fields related to Islamic Studies such as Quran studies, Quran interpretation, recitation and tajweed, foundations of Islamic jurisprudence, Hadith studies and doctrine studies; within a scholarly environment that fosters both independent and collaborative learning.
V. Contributing to community service by implementing programs that develop the skills of teachers, researchers, and imams engaged in fields related to Islamic Studies and other religions.
VI. Preparing students to carry out scientific research in the field of Islamic Studies in accordance with quality assurance standards.

Program Learning Outcomes:*

Upon completion of the program, students will be able to:

No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1.	Demonstrates specialized knowledge and motivation for innovation, self- and co- learning in the fields of Islamic Studies and related principles, concepts, theories, skills, trends and rules.	K, S, R
2.	Apply the rules and principles of the various fields of Islamic Studies--such as Quran studies, foundations of Quran interpretation, recitation and tajweed, foundations of Islamic jurisprudence; Hadith studies; and doctrine studies among others-- in order to improve their effective communication skills, teaching skills, preaching, iftaa as well as to achieve a better understanding of religious and cultural texts stemming from Islamic values of moderation and tolerance.	S, R
3.	Select appropriate research, critical and technical approaches to distinguish between various Islamic jurisprudence schools, interpretation schools, modern schools, and old and new schools of Islamic thought as well as to discern their varied research focuses, theories and applications in a style that combines the original and the contemporary.	K, S
4.	Employs the skills of contemplative thinking, critical analysis and self-evaluation to improve the knowledge, skills and values which are related to Islamic Studies.	S, R
5.	Improve the research, critical, and communication skills which are related to learned Islamic Studies and the relevant aspects of research, technology and leadership. This will contribute to preserving Islamic Studies, solve the problems of everyday life in the fields of social communication, research publication and technical improvement using innovative approaches.	S, R
6.	Appreciate the role of scientific, research and technical innovations in revealing historical, theoretical and concrete materials which help establish the relationship between Islamic Studies to other heavenly religions and human cultures, and to stress its current and future function to improve the wellbeing of humanity.	K, R
7.	Assume responsibility for spreading topics, moral and human values of Islamic Studies; promoting the desire to learn, teach and spread them; understanding Islamic texts; and applying the teachings of Islamic Studies at an individual and societal levels.	R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 - (126) CR.H./ Bachelor in Islamic Studies Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education Program (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	**0401120**
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408100A	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100A	Ethical Awareness	3	
0409102A	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103A	Thinking Skills	3	
0408104A	Self - Assessment	3	
0501100A	Introduction to Time Management	3	
0501100A	Leadership and Teamwork	3	
0501150A	Leadership and Teamwork	3	
Second: Compulsory College Requirements (15) CR.H.			
0403101A	Teaching Diverse Students	3	-
0404200A	Educational Technology	3	**(0102120)**
0405205A	Curriculum and Instruction	3	-
0405206A	Foundations of Education	3	-
0408102A	Educational Psychology	3	**(0408100A)**
Third: Compulsory Specialization Courses (66) CR.H.			
0405201	Syntax (1)	3	-
0405401	Syntax (2)	3	**0405201**
0405403	The Quranic Eloquence	3	-
0406201	Recitation and Cantillation 1	3	-
0406202	Islamic Doctrine 1	3	-
0406301	Hadith Studies	3	-
0406303	Qur'anic Studies	3	-
0406310	Principles of Fiqh	3	-
0406311	Fiqh of Transactions	3	-
0406312	Quranic Stories	3	-
0406315	Recitation and Tajweed (2)	3	**(0406201)**
0406321	Studying the Hadith proof of Origin and Document	3	**(0406301)**
0406331	Islamic Doctrine (2)	3	**(0406202)**
0406401	Fiqh of Sira	3	-
0406410	Fiqh of Worship 1	3	-
0406411	Islamic Jurisprudence of Worship (2)	3	**(0406410)**
0406412	Analytical Interpretation	3	**(0406303)**
0406431	Tolerance in Islam	3	-
0406432	Islamic Doctrine (3)	3	**(0406331)**
0406433	Comparative Religions	3	**(0406432)**
0406442	Islamic Jurisprudence of Personal Status	3	-
0406451	Research Methodology in Islamic Studies	3	**(0508203A)**
Fourth: Free Elective Courses (3) CR.H.			
-	-	3	-
Fifth: Compulsory Supporting Professional Courses (24) CR.H.			
(2) Elective Courses (9) CR.H.			
0405122	Teaching Arabic to non-native Speakers	3	-
0405213	Literature in the Arabian Gulf	3	**(0405420)**
0405311	Children's Literature	3	**(0405420)**
0405324	The Syntax of the Holy Qur'an	3	**(0405406)**
0405332	An Old Book in Language or Literature	3	-
0405429	Arabic for the Media	3	-
0405432	Scientific Research Methodologies in Linguistic	3	**(0508203A)**

Guidance Plan/ Bachelor in Islamic Studies Program

	السنة الرابعة		السنة الثالثة		السنة الثانية		السنة الأولى	
	الفصل الثاني	الفصل الأول	الفصل الثاني	الفصل الأول	الفصل الثاني	الفصل الأول	الفصل الثاني	الفصل الأول
	التفسير التحليلي Analytical Interpretation (0406412)	النحو(2) Syntax (2) (0405401)	المناهج وطرق التدريس Curriculum & Instruction (0402201A)	أصول التربية Foundations of Education (0402201A)	منهجية البحث العلمي Scientific Research Skills (0407240A)	أساسيات الإبتكار وريادة الأعمال Fund. Of Innovation and Entrepreneurship (0501170A)	اللغة الإنجليزية (2) English (2) (0401121)	اللغة العربية Arabic Language (0405100)
	العقيدة الإسلامية (3) Islamic Doctrine (3) (0406432)	التسامح في الإسلام Tolerance in Islam (0406431)	العقيدة الإسلامية (2) Islamic Doctrine (2) (0406331)	التعليم في بيئة متنوعة Teaching Diverse Students (0402101A)	علم النفس التربوي Educational Psychology (0402100A)	الدراسات الإماراتية UAE Studies (0409103)	العلم والحياة Science & Life (0201111A)	اللغة الإنجليزية (1) English (1) (0401120)
	مقارنة الأديان Comparative Religions (0406433)	مناهج البحث في الدراسات الإسلامية Research Methodology in Islamic Studies (0406451)	القصص القرآني Quranic Stories (0406312)	التلاوة والتجويد (2) Recitation and Tajweed (2) (0406315)	علوم حديث Hadith Studies (0406301)	العقيدة الإسلامية (1) Islamic Doctrine (1) (0406202)	السيرة النبوية Life of Prophet Mohammed (0406401)	التلاوة والتجويد (1) Recitation and Tajweed (1) (0406201)
	فقه المعاملات Islamic Jurisprudence of Transactions (0406311)	البيان القرآني The Qur'anic Eloquence (0405403)	فقه العبادات (2) Islamic Jurisprudence of Worship (2) 0406411	فقه العبادات (1) Islamic Jurisprudence of Worship (1) 0406410	علوم قرآن Quran Studies (0406303)	الذكاء الاصطناعي في التربية AI in Education 0404200A	الثقافة الإسلامية Islamic Culture (0406110)	مهارات الحاسوب Computer Skills (0102120)
	مساق حر Free Course	فقه الأحوال الشخصية Islamic Jurisprudence of Personal Status (0406442)	تخصص اختياري Major Elective	تخريج ودراسة أسانيد الحديث النبوي Studying the Hadith proof of Origin and Documentation 0406321	جامعة اختياري University Elective	أصول الفقه Foundations of Islamic Jurisprudence (0406310)	جامعة اختياري University Elective	النحو(1) Syntax (1) (0405201)
		تخصص اختياري Major Elective		تخصص اختياري Major Elective				
Total	15	18	15	18	15	15	15	15
Total	33		33		30		30	
Total	126							

Brief Course Descriptions

Course Title & No.	Brief Course Description
Syntax (1) 0405201	The course aims at familiarizing the students with: the basics of Arabic syntax, parsing, including parsing the noun and the verb with major and minor marks, the classifications of verb tenses, the concept of a noun whether definite or indefinite, the noun with a vocalized ending, and the sentence along with its structure, constituents, types (nominal and verbal. In addition, the course should familiarize the students with the original cases of the subject and predicate, their different types, positions, whether they can be explicit or deleted, and the particles that change the structure of the nominal sentence such as kana set, inna set, etc. Also it addresses the agent (doer) and its related rules and its substitute. Also, the course focuses on exercises and training the students to apply what they know about Arabic grammar in their reading, writing and speaking.
Syntax (2) 0405401	This course aims at familiarizing the students with the specific rules of the sentence complements through analyzing them and learning their rules that overlap with semantic and parsing relationships related to the sentence object (patient) along with its rules. Also, it addresses the adjective, the adverb, prepositions and objects of preposition. The course focuses on applying the knowledge of Arabic grammar on Quranic and literary texts selected from the poetry and prose (classical and modern)
The Qur'anic Eloquence 0405403	This course aims to analyze the rhetorical methods in the Quranic text in terms of pronunciation, composition and context. It includes: a brief definition of composition theory and its dependence on semantics, the effect of this on the composition miracle, the understanding of the Qur'anic text, and the statement of its unique style of speech of human beings, taking into account the semantic and rhetorical view, the aesthetic linguistic view, and literary composition. The course focuses on explaining the secrets of the Qur'anic expression in its various rhetorical manifestations, such as the secrets of hysteron-proteron, definition and indefiniteness, deletion and stating, separation and connection, shortening, and others. It discusses the claim of addition and excess in the Qur'an, focusing on the secrets of letters of meanings in the Qur'an. It also deals with the subject of eloquence of photography in the Qur'an and its aesthetics, and the topic of truth and metaphor. The course is concluded with a practical study of some suras and Quranic texts and rhetorical analysis. This course also aspires to link Quranic meanings to life, civilizational, psychological and social situations.
Recitation and Tajweed (1) 0406201	This course aims to give the student the skill of the correct recitation of the Qur'an by mastering the rules of intonation,، it also includes a clarification of the meaning of intonation, its importance, the rules of the Estiathah (seeking refuge) and Basmala ,and the connection between the Suras,the etiquette of reciting theHoly Qur'an and their ranks, and mastering the basic rules of intonation, the rules of static nun and the Tanweenالنون الساكنة والتنوين, and the rules of static Meem والممدود الميم الساكنة The course focuses on applying (recitation) to the last two chapters of the Qur'an (Chapter29 and 30),and instructing students to memorize the thirtieth chapter(Amma Chapter) of the Qur'an.

Islamic Doctrine (1) 0406202	This course aims to introduce the science of the doctrine and its origin, development, sources and sections,andalso aims to identify the most prominent issues of the Islamic faith related to the Devine Self in terms of proving its existence with the mental, narrative and scientific contemporary evidence, and to respond to the most important semi-atheists old modern, the course also deals with the clarification of the concept of Oneness and the evidence of its mental and narrated proof and the response to the most important semi-polytheists old and new, the course also deals with the concept of divine qualities and their actions and types and the evidence of their mental and narrated proof and to identify the opinions of the scholars in them,and what is the difference between the Divine Names and their characteristics,، the course also aims to explain the concept of faith and its increase and decrease . The course also focuses on highlighting the impact of faith in Allah on the life of the individual and society..
Hadith Studies 0406301	This course aims to show the efforts of scholars in the service of prophetic hadith, and the student's knowledge on the most important topics of the science of the term hadith , and it includes the definition of the science of the term hadith and its origins, and its most famous works, as well as the accepted Hadith and the rejected ones, sections of each and how to distinguish between them, what is the characteristic of accepted narrators and those who are rejected , what are the conditions of accepting the narrator's narration, the ranks of the wounded(الجرح) and modification (والتعديل), the way and ethics of the narration., the methods of endurance and the forms of performance, the etiquette of narrator and the Hadith Seeker.
Quran Studies 0406303	This course aims to introduce the Book of Allah, and to know how to understand and interpret it, and includes the clarification of the rise of the "science of the Qur'an", the definition of the revelation and the stages of its revelation, the first revelation and the last one,the Makki and Madani, the causes of revelation, the science of (occasions) events, the collection of the Holy Quran and the arrangement of its verses and surahs, and its descent on seven (readings)letters, and a profile of Qur'anic readings and readers, the difference between the المحكم and the المتشابهlike, the الناسخ and the المنسوخ, it also deals with some ideas related to the subject of Qur'anic stories, as well as the qur'anic miracle, and recognizes the meaning of interpretation and interpreters, andthe methods of interpretation and interpreters بالرواية by naration and interpretation by knowledge بالرأي ,To introduce the most famous interpreters and a profile of their interpretations and approaches.
Foundations of Islamic Jurisprudence 0406310	This course aims to introduce the student to the science of the origins of Islamic jurisprudence and scientific terminology related to it, to indicate its importance, the sources of the original and dependent islamic rulings, the concept of islamic rule and its types, and to introduce the types of ruler, convict edited and convicted, and how to interpret the islamic texts in terms of the sections of the islamic word. The course also focuses on ways to devise Islamic rules based on the principles of the science of Islamic jurisprudence, to know the division of the word with multiple considerations and the implications of that, to know what Ijtihad is and its types and the conditions of each type, and to know the purposes of sharia and its relation to the science of origins and the development . Legitimate sentence.

Islamic Jurisprudence of Transactions 0406311	This course aims to clarify the legal judgment of a set of jurisprudential issues (old and contemporary) that people need in their lives, and includes the study of the rulings on sale and its types, riba, loan, guarantee, dismissal, leasing, farming, mortgage, company and types, as well as rulings on banking transactions, stocks and bonds, and focuses on the arguments supported by transport and mental evidence, particularly related to contemporary issues and applications common in our lives, and setting examples.
Quran Studies 0406303	This course aims to introduce the concept of the story in the Qur'an and its characteristics, andto identify the objectives and characteristics of Qur'anic story, the difference between it and the literary story,، the comparison between the anecdotal approach in the Qur'an and the anecdotal approach in theTorah (examples of it), to identify the methods of research in the Qur'an story among the authors, and to discover the correct method in the study of the Qur'an story through the applied study of various models of Qur'anic stories, and to identify the Israeli syllabus and its impact on the study of the Qur'anic stories and the methodology of dealing with them.
Recitation and Tajweed (2) 0406315	This course aims to give the student the skill of correct recitation of the Qur'an by mastering the rules of intonation,and includes the following: reviewing the topics that come from the course (recitation and innation1) they are(introductions in the terminology of innation, recitation etiquette, the rules of the Estiathah, basmala and the connection betweenthe Suras, the rules of the النون الساكنة and التنوين، the rules المیم والنون المشددتین,and أالمد احكام . Then study the articulation of sounds, the characteristics of the sounds, the rules of والادغام الراء (identical, homogenous, converging), the rules of Waqf (Pause)and beginning in all its details,الرم والاشمام, the Qur'anic drawing and its branches related to recitation as the rule of the waqf on the decree of the line and its applications, cut and connected, and the definition of Imam Hafs's Bin Asim Al Kufi and the origins of his reading doctrine and the place of his reading and his disciples and the way in which we read, a overview of the readers and their pupils and to knowle the aspects of Imam Hafs's uniqueness. It focuses on applying this practically (recitation) to the twenty-seventh and twenty-eighth parts of the Noble Qur'an, and instructing the student to memorize the twenty-ninth part (blessed part) of the Noble Qur'an.
Studying the Hadith proof of Origin and Documentation 0406321	This course aims to introduce the term attribution and Takhreej, and how to extract the positions of the Prophet's hadith from its original sources, and to show the various ways of Takhreej, such as Takhreej in terms of Hadith text, Takhreej in terms of the topic of hadith and Takhreej in terms of the attributions of hadith, and the course how to study the attribution The Prophetic Hadith, and how to extract the biographies of the narrators of attribution, and then show how to judge their narratives based on the application of the rules of Hadith science and wound science and modification علم الجرح والتعديل, and to judge them them either by acceptance or refusal, and to indicate the rank of hadith, and also the course is exposed To study the methodology of research in the Takhreej of hadith and the study of its attributions and how to write and document its information, as well as to introduce the most important sources of hadith and its sciences such as books of wound and modification علم الجرح والتعديل , books of classes and the history of countries, and also the course deals with the statement of how to use modern technical means - such as computer and electronic programs - in facilitating the process of identifying the sources of the hadith and the books of the wound and modification علم الجرح والتعديل and judging the attribution of Hadith scholars.

Islamic Doctrine (2) 0406331	This course aims to identify the most prominent issues of the Islamic faith relating to the investigations of prophecies in terms of proof of the definition of prophecy and what is the divine wisdom of sending the apostles and prophets, the difference between the Prophet and the messenger , and the statement of the characteristics of the prophets, which may and must be done in their right and what is impossible for them and prove them by mental and transport evidence, the concept of miracle and its types and conditions, and its relationship to prove the sincerity of the prophecy in general and the sincerity of the prophecy of our master Muhammad, may God bless him and grant him peace in particular, and respond to the most important deniers of old and modern prophecies, The course also aims to reveal the names of the apostles and prophets and their lives, and what are the heavenly books descended on them and their characteristics, and the course focuses on highlighting the impact of faith in prophecies in the life of the individual and society..
Life of Prophet Mohammed 0406401	This course aims to explain the role of the Prophet's biography in understanding the nature of Islam, and includes an analytical study of the stages of the prophet's life and how it evolved and its most important characteristics, and the reasons for choosing The Arabian Peninsula to be the cradle of the final message, and the state of the world before the prophetic mission, as well as an analytical study of the stages of the life of the Prophet - Peace be upon him ي - From his birth until his death, his approach to communicating the call, and focuses on highlighting the sermons and lessons to be learned in our lives, considering the prophetic biography as a method of preaching and preachers, as well as pushing the suspicions raised about the Prophet - peace be upon him- and studying the most important conquests, and showing the true purpose behind them.
Islamic Jurisprudence of Worship (1) 0406410	This course aims to explain the concept of the Islamic jurisprudence of worship, the importance of its study, and how to perform worship properly as indicated in the references of Islamic jurisprudence, as the decrees and duties of the order of Allah almighty his servants in their commitment, The course includes the study of: purity, ablution, wiping over socks, splints and hardships, washing, tayammum, prayer, conditions, pillars and Sunnah, abominations, and nullities,and includes the study of All kinds of prostration (prostration of forgetfulness, prostration of recitation) congregational prayer, Friday prayer, traveler prayer, Eid, Eclipse and Ellipse. It focuses in particular on the basic rules relating to the elements, conditions and methods, along with their evidence from the Qur'an and Sunnah.
Islamic Jurisprudence of Worship (2) 0406411	The aim of this course is to study the rulings of fasting,zakat, hajj,and contemporary rulings, Fiqqeh zakat of the fitr and umrah with the Islamic Jurisprudence of Al-Dalyl, The course includes studying the legal rulings related to the rulings of fasting obligatory, voluntary, and zakat, its contributions and what is required therein, Hajj and its types, pillars, duties and conditions, and the provisions of Umrah, its pillars and conditions, in general,,the course focuses in particular on the basic rulings and conditions for each type of worship, and on the quality of its evidence from the Quran and Sunnah.

Analytical Interpretation 0406412	This course aims to introduce the principles of interpretation, the qualifications of the interpreter, the types and patterns of interpretation, the tools of analytical interpretation of the Quran, to clarify the gifts of the Holy Qur'an and its signs and directives, to identify its nostpersons and practical rulings, to indicate the judgment and guidance of the Qur'an, to be exposed to contemporary life issues, to identify the miracle signs and eloquence of the verses, and to know the reasons for the sending, readings, expressions and the link between the verses. By interpreting a selected Sura of the last threeparts analytically and objectively,they represent examples of the Makki And Maddani Qur'an, an interpretation of the vocabulary ofthe Qur'anic text, the systems of verses, the construction of their compositions, an understanding of their contexts, former and later,and the statement of their events and their coherence, through the books of interpretation with the application of the student's studies and tools. And to get a good look at the original and modern sources in the subject of analytical interpretation, knowledge of the skills of interpretation analysis, the ability to analyze some verses of theQur'an analytically, and the subjective development of the student to reach the level of analytical interpretation.
Tolerance in Islam 0406431	This course aims to identify the concept of tolerance in Islam and the most important islamic vocabulary related to it, such as peace, forgiveness, and the corresponding vocabulary such as extremism, and intolerance, and also discusses the value of tolerance as an authentic ethic called for by divine revelation in other heavenly religions in general and Islam in particular, and what are the topics of tolerance contained in the Holy Quran and its applications in the Sunnah and the biography of the Prophet Muhammad Peace be upon him, and what are the conditions and controls of tolerance in dealing with people of different religions and beliefs, and what are the causes of extremism and religious intolerance and means of rejecting and combating them through laws and legislation such as the UAE law on combating discrimination, hatred and contempt of religion, the course also aims to highlight the impact of tolerance on the life of the individual and societyand to recognize the effective role of the United Arab Emiratesin spreading tolerance among people at the local and global level.
Islamic Doctrine (3) 0406432	This course aims to identify the most prominent issues of the Islamic faith related to the audio investigations in terms of their definition, and what are their types, and to prove each type with the reported and mental evidence, such as faith in angels and the torment and bliss of the grave, and to prove the resurrection and the response to the semi-denier, and the small the great signs of the Hour and its evidence from the Qur'an and sunnah, and faith in the horrors of the Day of Resurrection and its bliss, and the proof of الحشر, النشر, الحساب, السراط, intercession and its types, and the vision of God on the Day of Resurrection, and the course focuses on highlighting the impact of faith in the hearings in the life of the individual and society..

Comparative Religions 0406433	The aim of this course is to define the concept of religion and its relation to faith, legislation and ethics, andthe extent of the originality and necessity of religion to the individual and society, and to discuss the most important modern theories interpreted the concept of religion and how it arises, the course also deals with the study of the most important religions before Islam such as Hinduism, Buddhism, Brahmia, Judaism and Christianity, where it deals with the presentation of its most important beliefs as contained in the most famous books without being discussed and in order to accommodate their religious beliefs and justifications from the point of view of its owners, the course also aims to explain the most important prophecies of the previous religions, which are indicative of the prophecy of Our Master Muhammad, and to make a comparison between religions and Islam in terms of the things that it shares with other religions and what distinguishes it from them, while stating the eminence of the Islamic religion in dealing with the holders of other religions with a moderate methodology that is far from extremism and fanaticism, with the aim of achieving peaceful coexistence between all people of different religions..
Islamic Jurisprudence of Personal Status 0406442	This course aims to teach the student the laws relating to the rulings of marriage, divorce and the procedures for marriage in accordance with the regulations. The government's policy of "eliminating the negative effects of the economic and social conditions of the family" is a major concern for the government.
Research Methodology in Islamic Studies 0406451	The course aims to research the nature of knowledge, types of scientific research, the benefits of scientific research in Islamic studies and its importance, and about the methods of scientific research in Islamic studies for Arabs and Muslims, such as the method of mental inference and inductive experimental and descriptive, and deals with the steps of preparing scientific research in Islamic studies, the difference between the report and the research, how to write the scientific thesis, the comparison between research, thesis and book, understanding the text and understanding reality taking into account the intended interests of the text and the interests in its locations, and the methods of harmonization of the text and reality, such as the consideration of fate and approbation and the filling of pretexts. It deals with how to achieve the manuscripts, and the study deals with the definition of the manuscript and the conditions for achieving it and the steps used to achieve the manuscript, and how to achieve the text in the manuscript, and then number it and index it(. .
The Inimitability of the Quran 0406313	This course aims to introduce the science of the miracle of the Holy Quran, the most important scientific efforts made in it , the most prominent terms and concepts of this science, the stages of the challenge, the history of miracles, and the efforts of the oldest and the modern in miracles starting from the role of signals through the role of letters and parts and ending with books. The statement also addresses the multiple faces of miracles, starting with the graphic miracle and its multiple manifestations in the letter, word, sentence, verse and surah, through the scientific miracle, its controls and conditions, and ending with the legislative, psychological, and spiritual miracles among other miracles. . It also enables the student to respond to the suspicions raised about the miracle of the Qur'an and to discuss them scientifically and systematically.

Topical Interpretation 0406413	This course aims to introduce objective interpretation in terms of its origin and stages of development, its importance and the most prominent literature, the relationship of objective interpretation to other approaches of interpretation, and the characteristics of objective interpretation of other methods of interpretation. It is also defines the types of objective interpretation and the theoretical and applied steps of the methods of research and the most important (Qur'anic theme, Qur'anic term, objective unity in the surah) and applications on it, as well as presenting the science of events and their relationship to objective interpretation, and this course enables the student to see the most prominent sources and references that serve research in the field of objective interpretation, and how to benefit from them, and earn him the path on the selection of Qur'anic subjects, and the preparation of the research plan for them.
Approaches of Hadith Scholars 0406423	This course aims to show the extent to which Hadith scholars are interested in the prophetic hadith, and the efforts made by successive generations to serve the Prophet's Sunnah, preserve it, transfer it to their aftermath and get acquainted with the history of the codification of the hadith and the stages of its codification,the types of authorship in it and its sciences, such as the books of the Sunnah of the Sahih, the Jawamee, the Sunnah, the Masanid, the dictionaries, the works, the rulings, the books of the appendages and the modern parts and the books of wound and amendment(الجرح والتعديل) , classes, deaths, history of countries and modern indexes, and what are the characteristics and methods of these works and the conditions they committed themselves to, The course also deals with explaining the approach of Hadith scholars in the science of narration of hadiths as a basis and Mattn and their approach in the science of know-how, and to identify the methods of Hadith narrators - such as Bukhari, Muslim and Tirmidhi - in ruling on the foundations of the hadith, and what are the most important differences between them, and what are their approaches in criticizing the narrator and the narrated. The course also focuses on raising awareness of the reality of contemporary modernist curricula, following up interest in contemporary modernist curricula and books composed thereof, and responding to violators of modernist curricula adopted by the people of modern industry, which enhances student access to cherish the efforts of scholars in the science of honorable Hadith.
Legal Maxims of Islamic Jurisprudence 0406443	This course is interested in studying the rules of Islamic jurisprudence by identifying the meaning of the language and terminology, knowing its place and location of the origins of the Shariah, giving a historical overview of its origins, and identifying its sections and the most important sources and works in them, and includes the study of the great rules of Islamic jurisprudence, and the minor rules under which it falls, such as: the rule of things with their purposes and the rule of no diligence with the existence of the text, the rule of origin innocence, the origin of the permissible things, and the rule of certainty does not go away by doubt,
Islamic Approach to Da'wa and Preaching 0406452	This course aims to demonstrate the importance of Islamic da'wa, its role in educating Muslims, spreading moderate thought away from extremism, and to define the Friday sermon and the religious lesson, and how to prepare psychologically and scientificly to face the public. The course includes: the history of the da'wa, its methods, characteristics, objectives, and problems . The course also deals with the conditions and qualities of the successful preacher and advice giver and the scientific and practical skills necessary for them, the definition of the methods of speech and preaching and their main elements , The definition of sermon and advice, their main elements and how to define their topics and planning for them in advance, focuses on the good use of the Muslim preacher for scientific, research and technical means that are appropriate to the requirements of the times. And on clarifying the positive effects of rhetoric and religious preaching on the life of the individual and society, based on Islamic values that call for spreading tolerance and peace among individuals and human societies.

E- Bachelor of Education in Special Education Program

Program Overview

The Special Education program was established in 2013 in the College of Education, Humanities, and Social Sciences at Al Ain University as an independent program. This Bachelor's Degree program was initiated at the request of the Abu Dhabi Department of Education and Knowledge (ADEK) and the Ministry of Higher Education and Scientific Research. Its establishment reflects the need for this specialty in the UAE and across the Arab world. The program continues to play a vital role in preparing teachers to work with students with special needs in mainstream classrooms, resource rooms, and specialized education settings.

Vision

The Special Education Program at Al Ain University aspires to be a pioneering program in preparing special education teachers who are committed to meeting the educational needs of all students with special needs. It also seeks to prepare professionals dedicated to enhancing the quality of life for individuals with special needs.

Mission

The Special Education Program at Al Ain University seeks to prepare teachers to advance special education services by emphasizing the principles and philosophy of inclusive education. It also aims to integrate special and general education under one framework, promoting inclusive classroom environments through a variety of teaching accommodations and modifications that address the educational needs of all students.

Program Goals and Program Learning Outcomes

Program Goals

1. Clarify the relationship between disability, development and learning and making use of this relationship in providing teaching experiences that are challenging to individuals with disabilities.
2. Create safe and comprehensive teaching and learning environments that respond to cultural diversity, and make individuals with special needs active and effective learners characterized by positive social and emotional maturation.
3. Employ the knowledge of regular and special education curricula for individualizing teaching process to students with special needs.
4. Use multiple assessment methods and a variety of data sources in making educational decisions.
5. Adapt and modify instructional strategies to fit the characteristics and capabilities of students with special needs to enhance their learning process.
6. Employ knowledge, skills and ethical and professional principles in teaching students with special needs.
7. Collaborate and communicate with families, educators and service providers for the benefit of individuals with special needs.
8. Develop the relationship between individuals with special needs and the various institutions in the community in a manner that is culturally responsive to meet their needs across a range of teaching and learning experiences.

Program Learning Outcomes*

Upon completion of the program, students will be able to:

No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Determine the impact of family cultural, linguistic, social and economic diversity, developmental factors and individual differences on the learning of people with special needs.	K, S
2	Provide support and advice to general education teachers in order to create safe, inclusive, culturally and socially responsive learning environments.	S, R
3	Employ appropriate motivational teaching and behavioral interventions to teach individuals with special needs how to adapt to different environments.	K, S
4	Employ ethical and professional principles related to teaching and its fields.	K, R
5	Use the results of scientific research and objective and appropriate formal and informal assessment tests in order to make educational and behavioral decisions for individuals with special needs.	K, S, R
6	Adapt the educational experiences of individuals with special needs to suit their abilities and interests, and their teaching and learning environments.	K, S
7	Use augmentative and alternative communication technology and systems in assessment, educational planning and teaching for people with special needs.	K, S
8	Use multiple educational and behavioral strategies to improve behavior, communication skills, and language development for individuals with special needs.	K, S
9	Prepare educational plans, various learning experiences, behavior modification plans, and transition plans in cooperation with families of individuals with special needs and other professionals.	S, R
10	Provide the student with the skills of self-evaluation and professional development, which contributes to developing the ability to take responsibility and make decisions independently.	S, R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 - (126) CR.H./ Special Education Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education Program (33) CR.H.			
(1) Compulsory Courses (30) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	**0401120**
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
Second: (2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408100A	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100A	Ethical Awareness	3	
0409102A	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103A	Thinking Skills	3	
0408104A	Self - Assessment	3	
0501100A	Introduction to Time Management	3	
0501150A	Leadership and Teamwork	3	
Third: Compulsory College Requirements (15) CR.H.			
0403101A	Teaching Diverse Students	3	-
0404200A	Educational Technology	3	**(0102120)**
0405205A	Curriculum & Methods of Instruction	3	-
0405206A	Foundations of Education	3	-
0408102A	Educational Psychology	3	**(0408100A)**
Fourth: Compulsory Specialization Courses (69) CR.H.			
0403121	Introduction to Special Education	3	-
0403123	Intellectual and Developmental Disabilities	3	**0403121**
0403124	Early Intervention Programs and Services	3	**0403121**
0403146	Families of Children with Special Needs	3	**0403121**
0403148	Gift and Talent	3	**0403121**
0403226	Learning Difficulties	3	**0403121**
0403231	Applied Behavior Analysis	3	**0403121**
0403233	Behavioral and Emotional Disorder	3	**0403121**
0403234	Attention Deficit Hyperactivity Disorder	3	**0403233**
0403235	Integration & Inclusion for Children with Special Needs	3	**0403121**
0403237	Communication Disorders	3	**0403121**
0403239	Autism Spectrum Disorder	3	**0403123**
0403240	Hearing Impairment	3	**0403121**
0403241	Visual Impairment	3	**0403121**
0403320	Curriculum & Methods of Instruction in Special Education	3	**0403121**
0403321	Diag. & Assess. of Children with Special Needs	3	**0403121**
0403423	Assistive Tech. for Child. with Sp. Needs	3	**(0404200A &0403121)**
0403431	Teaching Read.& Writ .to Child. with sp. Needs	3	**0403320**
0403432	Teaching Math to Children with Sp. Needs	3	**0403320**
0403490	Practicum in Special Education	9	**114**
0408234	Principles of Descriptive Statistics	3	**0102120**
Fifth: Compulsory Supporting Professional Courses (24) CR.H.			
(2) Elective Courses (9) CR.H.			
0403125	Life Skills for Children with Special Needs	3	**0403121**
0403147	Current Trends and Issues in Special Education	3	**0403121**
0403232	Child Normal and abnormal Development	3	**0403121**
0403238	Physical and Health Disabilities	3	**0403121**
0403322	Rehabilitation of Individuals with Disabilities	3	**0403121**
0403440	Educational Program for Individuals with Special Needs	3	**0403121**

Guidance Plan / Special Education Program

First Year (السنة الأولى)		Second Year (السنة الثانية)		Third Year (السنة الثالثة)		Fourth Year (السنة الرابعة)	
First Semester (الفصل الاول)	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**
Arabic Language (0405100)	English (2) (0401121)	Fund. Of Innovation and Entrepreneurship (0501170A)	Scientific Research Skills (0407240A)	Foundations of Education (0402201A)	Curriculum & Methods of Instruction (0405205A)	Diagnosis & Assessment of Children with Special Needs 040332	Practicum in in Special Education 0403490
English (1) (0401120)	Science & Life (0201111A)	Gift and Talent 0403148	Intellectual and Developmental Disabilities 0403123	Curriculum & Methods of Instruction in Special Education 0403320	Teaching Divers Student 0403101A	Principles of Descriptive Statistics 0408234	
Introduction to Special Education (0403121)	Attention Deficit Hyperactivity Disorder (0403234)	Behavioral and Emotional Disorder 0403233	Assistive Technology for Children with Special Needs 0403423	Visual Impairment 0403241	Integration & Inclusion for Children with Special Needs 0403235	Teaching Reading & Writing. to Children with special Needs 0403431	Capstone
Computer Skills (0102120)	Islamic Culture (0406110)	Educational Technology (0402203A)	Early Intervention Programs and Services 0403124	Learning Difficulties 0403226	Autism Spectrum Disorder 0403239	Teaching Math to Children with Special Needs 0403432	
UAE Studies (0409103)	University Elective	Hearing Impairment 0403240	Families of Children with Special Needs 0403146	Applied Behavior Analysis 0403231	Major Elective	Communication Disorders 0403237	University Elective
		Educational Psychology 0408102		Major Elective		Major Elective	
15	15	15	15	18	15	15	15
30		**30**		**33**		**30**	
129							

Brief Course Descriptions

Course Title & No.	Brief Course Description
Introduction to Special Education 0403121	This course aims to identify the ways in which individuals may differ from each other, as this difference depends on the difference in mental, physical, linguistic, perceptual and behavioral abilities. Further, this course deals with the identification of the characteristics of individuals with special needs such as those with intellectual and physical disabilities, health impairments, sensory impairments, and Autism. It also addresses the characteristics of individuals with behavioral and emotional and communicative disorders, disorders, and gifted and talented individuals. Identifying ways to deal with these special groups considers an important part of this course alongside introducing students to educational programs and technological tools used in teaching and rehabilitating students with special needs.
Intellectual & Developmental Disabilities 0403123	This course aims to identify the basic concepts, characteristics, and issues related to mental and developmental disabilities and ways of determining the various types and causes of these intellectual and developmental disabilities. The diagnosis and evaluation methods for each category of people with special needs are discussed further in this course. This course also provides explanation for the educational programs and teaching strategies that are used with students with mental and developmental disabilities, as well as the aspects of cooperation between the school and in providing appropriate educational services to these students.
Early Intervention Programs & Services 0403124	This course is designed to acquaint students with the early experiences explored by the child that would affect his development and learning later. For this, the course will provide students with contemporary information about early intervention and its procedures, and its services provision models in early childhood. Through this course, students will learn about early detection methods of various disabilities experienced by children in early childhood, which include intellectual disabilities, physical disabilities, sensory impairments, communication disorders, learning disabilities and behavioral disorders. Methods of early intervention, which includes an assessment of students' readiness to learn, cognitive skills, motor skills, language skills, social and emotional skills and self-care, will also be addressed in this course.
Families of Children with Special Needs 0403146	Countries care about providing all the training and support to families of individuals with disabilities and to give them the opportunity to gain the rights of their children. This course aims at emphasizing the importance role of the family in the life of the child and raising them and providing them with their needs.
Gift and Talent 0403148	This course aims to identify the different concepts and definitions of intellec-tually gifted and talented students as a group of individuals with special needs. This course addresses the various characteristics of gifted and talented stu-dents and describes the methods of identifying this group within the classroom. It also describes the different educational enrichment programs and curricula designed for these students. The psychological and social characteristics of these students are also emphasized in this course.

Learning Disabilities 0403226	This course aims to describe the historical development of learning disabilities, as well as identifies their different classification types, and causes. This course also addresses the methods of identification and evaluation of indi-viduals with different learning disabilities and the different tools used in the vari-ous stages of assessment and diagnosis. The course also outlines the educa-tional and intervention services along with various mechanisms provided using instructional strategies and techniques used in teaching this group of students.
Applied Behavior Analysis 0403231	This course aims to define and clarify human behavior by determining its characteristics, its related concepts, and determining how to prepare educational goals represented by long-term, short-term, and behavioral goals. This course also deals with the procedures for measuring target behavior, explaining the process of measuring it, and using various graphs in the measurement process. The course also introduces the behavior modification strategies, which include reinforcement, punishment, and building behavior, and methods of reducing behavior based on operant conditioning and classical conditioning.
Behavioral & Emotional Disorders 0403233	This course aims to identify common behavioral disorders that may exist among school children and how to identify the causes and characteristics of students who suffer from these disorders. The course also introduces strat-egies and methods of dealing with these disorders within the classroom that can be applied, in conjunction with instructional teaching strategies. The course also displays some of the theories and models that offer explanation for deviation and behavioral problems.
Attention Deficit Hyperactivity Disorder 0403234	This course aims to identify the basic concepts of attention deficit hyperac-tivity disorder (ADHD) including the definition of attention, and clarification of its forms, components, and characteristics. The course also aims to provide guidelines on measuring and diagnosis of the disorder and identifies ways and methods of treatment along with risk factors associated with the condi-tion. The importance of prevention of ADHD and methods of early interven-tion are discussed. The course provides guidance and appropriate ways for teachers on how to cope with ADHD students.
Integration & Inclusion for Children with Special Needs 0403235	This course aims to examine the historical roots of educating students with special needs in regular classroom settings and to determine the justifica-tion, effectiveness, and challenges of the integration process. This course also aims to consider circumstances for integrating people with various dis-abilities by amending curricula, methods, goals, school practices, facilities, and diversity of the school to create an overall inclusive educational envi-ronment. This course also deals with the importance of cooperation and communication between the various parties involved in the integration pro-cess with modifying teaching and evaluation methods to suit those with spe-cial needs, and how to deal with the undesirable behaviors that may occur when integrated into the regular classroom. It also provides a description of the integration models, their guideline, and tools needed for its success.

Communication Disorders 0403237	This course aims to identify the basic concepts in language, speech, and communication, the natural development of language and speech, the types of communication disorders, their causes, prevalence rates, and their effects on areas of development. Further discussed include theories that explain language acquisition and how to deal with communication disorders within the classroom. This course also explains the relationship between communication disorders and audio-visual disorders and the various disorders that stem from autism among other intellectual disabilities. In addition to the above, the course focuses on the diagnosis of said communication disorders and their corresponding methods of treatment.
Autism Spectrum Disorder 0403239	This course aims to identify autism spectrum disorder in terms of its foundations, its definition, classification and the history of interest in it in terms of scientific documentation of this disorder. This course also aims to identify the causes of autism, its prevalence rate, and the characteristics of individuals who suffer from this disorder in various aspects. This course also deals with the theoretical foundations and practical procedures in the evaluation of individuals with autism and the process of diagnosing this disorder. This course also introduces the student to some of the measures for detecting individuals with autism. Finally, this course deals with the intervention methods used in dealing with individuals with autism spectrum disorder and the educational programs provided to them.
Hearing Impairment 0403240	This course aims to introduce students to the importance of the sense of hearing and the concept of hearing disability and its various categories and classifications. This course also aims to clarify the basic concepts related to hearing impairment, its causes, ways to prevent it, and the importance of early intervention. The effect of hearing disability on growth, the auditory rehabilitation process, the learning methods of students with hearing impairment, and their communication methods will be covered in the course. The course also deals with the process of counseling families of individuals with hearing disabilities and their educational programs.
Visual Impairment 0403241	This course aims to introduce students to the importance of the sense of sight, the concept of visual disability and its various classifications. This course also aims to clarify the basic concepts related to visual impairment, its causes, ways to prevent it, and the importance of early intervention. Knowing the methods of evaluating visual ability and visual acuity is an important part of this course. The effect of visual impairment on growth, the visual rehabilitation process, the learning methods of students with visual impairment, and their methods of communication are covered in this course. The course also dealt with the process of mentoring the families of individuals with visual impairment and their educational programs.
Curriculum and Instruction in S.E 0403320`	This course aims to identify the concept of the curriculum in special education, its sources, elements, and steps for building it. This course also aims to identify the individual educational plan, Its writing steps, its elements, the work team and the educational goals. The course also includes individual and group teaching methods in special education. The course presents the therapeutic diagnostic model and, finally, the content of the curricula of special education categories.

Adaptive and Assistive Technology for Children with Special Needs 0403423	This course aims to identify the assistive technology devices and educational outreach programs and their means to serve individuals with special needs. The course also aims to design educational programs using written material, graphics, static and animated images for individuals with special needs. The course addresses the direct experiences and learning resources outside the classroom for individuals with special needs. Finally, the course deals with producing educational means and materials through the use of computers.
Diagnosis and Assessment for Children with Special Needs 0403321	This course aims to introduce the basic concepts of diagnosis and evaluation of individuals with special needs, explaining the skills and competencies for this group, and how to develop educational programs for them. This course is also concerned with introducing students to the standardized and unstandardized assessment methods and tools that can be used in the di-agnosis and assessment of individuals with special needs. Further, this course focuses on the rights and legislation related to diagnosing and assessing individuals with special needs referring to some international laws and legislation in this field. This course also explains how to use tests and measurements in the assessment process and how to employ assessment information in designing individual educational programs. The course also introduces students to some general trends and issues related to assess-ment, especially in the evaluation of intervention programs. This course demonstrates the skills and competencies that special education teachers should have to assess students with special needs through technology.
Health & Physical Disabilities 0403238	This course aims to identify the various physical and health disabilities, their causes, types, manifestations, and methods of prevention. It also aims to introduce students to basic physiological terms and concepts in the field of physical and health disabilities. This course presents the most important neurological, skeletal and muscular disorders and chronic diseases that cause physical and health disabilities. This course also deals with the characteristics of the physical and health disabilities, their problems and needs, and the various educational considerations that must be taken into account for each of them. This course deals with early detection of physical and health disabilities and educational programs for this category
Teaching Reading & Writing for Children with Special Needs 0403431	This course aims to familiarize children with the concepts of readiness to read and write, as well as to identify the different language skills it includes. The course also aims to provide students with comprehensive information and skills for teaching reading and writing for people with special needs, thus introducing students to the stages of how to teach reading and writing and how to conduct accurate evaluation and diagnosis of their performance. This course also discusses programs and methods of developing reading and writing skills, factors affecting reading and writing, and components and strategies during their development. Introducing students to the factors that contribute to difficulty in reading and writing, their evaluation, and strategies for their treatment are also covered in the course.
Teaching Math to Children with Special Needs 0403432	This course aims to identify the basic concepts in special education when teaching mathematics to students with special needs. The course deals with the mathematics curricula and various teaching strategies for students with special needs. The course explains the pre-mathematical skills such as classification, comparison and numerical operations, on the basis of addition, subtraction and division, etc. Finally, the course addresses strategies of the assessment and evaluation of students with special needs and ways of defining their learning problems.

Principles of Descriptive Statistics 0408234	This course aims at familiarizing students with the principles of descriptive statistics that help students in the interpretation of the phenomenon studied in applied psychology. It deals with the topics of presentation of data, their distribution, measures of central tendency, and measures of dispersion, correlation and regression (decline), test of hypotheses and knowledge of variables.
Practicum in Special Education 0403490	This course aims to provide field training for special education students, specifically with regards to the teaching and learning for pupils with special needs. This field training course addresses training student teachers to plan and prepare for the teaching and learning process while creating a suitable teaching environment by designing individual educational plans and implementing behavior modification techniques of special needs students. This field training course also helps student teachers gain the necessary skills to effectively teach students with special needs using appropriate techniques and the skill of evaluating students with special needs using observation and various informal evaluation tests. Lastly, this course promotes the assumption of student teachers assume the responsibilities and abide by the ethics within the teaching profession when teaching students with special needs.
Daily Living Activities of Special Needs Children 0403125	This course aims to introduce students on how to teach essential life skills to children with special needs and how they should acquire and master them through special education programs. Among these skills include communication, verbal and speech-related skills, numeracy expression and calculation skills related to signs and symbols, reading and writing, and cognitive skills. Further, this course deals with teaching daily-living skills related to eating, drinking, dressing/undressing, self-cleaning & hygiene. The course also covers other areas related to the arts, music, drama, entertainment, excursion, etc.
Current Trends & Issues in Special Education 0403147	This course aims to provide the student with the ability to identify and clarify various contemporary issues related to topics in the field of special education as an aid to help students understand this specialization in a more analytical and philosophical way through which they can improve special education services in their country. This course deals with clarifying the various international aspects of special education, and posing some of the philosophical and historical issues associated with them. Issues related to working conditions in special education, comprehensive integration, the process of reforming special education, and strategies for cooperation and communication therein are discussed in this course. This course also aims to clarify issues related to politics, scientific research and technological applications in special education and presents other pivotal issues related to self-determination for individuals with special needs, the educational environment, assessment of educational needs, training for parents of students with disabilities, and early intervention programs.

Child Normal & Abnormal Development 0403232	This course aims to identify the basics of normal and abnormal physical, behavioral, emotional, social, linguistic, and cognitive development of chil-dren throughout their growth. The course also aims to identify the characteristics of a newborn's growth, its basic needs and the social aspects of its life, and factors affecting the path of the psychological and physical formation of the child. The course also deals with sensory-motor development, mental development in children, child interaction with the environment, and cognitive development from a Piaget standpoint.
Physical and Health Disorders 0403238	This course aims to clarify the role and importance of physical fitness and health as a preventive and treatment factor for the most important problems of modern life represented by diseases because of lack of movement, as well as malnutrition, psychological pressures and nervous tensions facing individuals in their general lives, and to educate students about the importance of sports activity and movement in modern life in terms of their impact on Different organs of the body.
Rehabilitation of persons with Disabilities 0403322	This course aims to identify the foundations and principles of rehabilitation for individuals with special needs, its concepts, its meaning, philosophy and justifications. This course also aims to identify the services provided to individuals with special needs, explaining the medical, psychological, social, academic, professional and community rehabilitation process. This course deals with the services that must be provided to facilitate the social and economic integration of individuals with special needs. This course also deals with the analysis of work skills, readiness for it, and follow-up in the field of employing individuals with disabilities.
Educational Programs for persons with S.P 0403440	This course aims to identify the basics of special education, which include integration, various educational methods and tools, the individual educational program, and strategies for building curricula for students with special needs. This course also aims to prepare students to design educational programs for different categories of individuals with special needs, such as those with mental retardation, hearing and visual disabilities, learning disabilities, and those who are gifted and talented. This course also addresses various fundamental issues, practices, procedures, and trends in early intervention programs.

F- Bachelor of Arts in Applied Psychology

Program overview

The program of Applied Psychology deals with the practical study of human character and behavior through the application of the theories and principles of Psychology in various arenas, such as the social, administrative, industrial, informational, and the empirical, in addition to the educational side where the program is distinguished based on a practical basis, depending in its origin on the practical skills and on-going field training for workers and the field of human development for non-workers.

Vision

The Applied Psychology Program aims at becoming a pioneer at both local and international levels in preparing specialists in psychology, teachers of psychology, and psychology researchers. It also aims at providing psychological and research consultations in the various fields of applied psychology.

Mission

The program aims at preparing scientifically qualified staff in applied psychology such as specialists, teachers, researchers and councilors through providing the services and psychological consultations to members of society and to the state and private sectors.

Program Goals and Program Learning Outcomes

Program Goals

The Bachelor of Arts in Applied Psychology Program aims to:

1. Design psychological research and standards for the interpretation of various behavioral phenomena.
2. Employ psychology theories in suggesting solutions related to behavior and psychological advising.
3. Apply the principles of Applied Psychology in the training field with the purpose of suggesting solutions and offering psychological consultations that contribute to developing work environment.
4. Interpret the results of psychological tests and standards on various psychological states and behavioral situations.
5. Develop clear directions for projects interested in applied psychology after graduation.

Program Learning Outcomes*

Upon completion of the program, students will be able to:

No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Determine the basic principles and conceptions in Applied Psychology, and apply them in the various fields he/she works at.	K, S
2	Determine the basic psychological, social, and biological factors that help in the interpretation of psychological behavioral phenomena	K
3	Participate in situations that depend on critical thinking, and solve problems creatively, using methods of problem solving in their various psychological methods.	S, R
4	Design research in various fields of applied psychology, and interpret their results truly and in accordance with the ethical standards of scientific research .	K, S, R
5	Develop distinguished interactive relationships with others, and enhance their abilities in collective work.	S, R
6	Demonstrate sufficient knowledge and skills in writing, and present demonstrations in various psychological subjects depending on modern technology.	K, S
7	Apply the concepts and principles of applied psychology and its theories in the work environment as related to the specifications and description of tasks, analysis of work, choice of workers, and specifying the problems that encounter both employers and employees and solving them.	K, S, R
8	Participate in projects and tasks that specialists in applied psychology deal with, and demonstrate their effect on self-development.	S, R
9	Acquire skills necessary for the application of psychological tests and standards and interpret their results.	K, S
10	Carry out practical skills required for the specialization in employing laboratories and make use of practical training.	S

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 - (126) CR.H./ Applied Psychology Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education Program (33) CR.H.			
(1) Compulsory Courses (30) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	**0401120**
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0408212	Introduction to applied psychology	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
Second: (2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408101A	Physical Education & Health	3	
0409100A	Ethical Awareness	3	
0409102A	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103A	Thinking Skills	3	
0408104A	Self - Assessment	3	
0501100A	Introduction to Time Management	3	
0501150A	Leadership and Teamwork	3	
Third: Compulsory College Requirements (15) CR.H.			
0403101A	Teaching Diverse Students	3	-
0404200A	Educational Technology	3	**(0102120)**
0405205A	Curriculum and Instruction	3	-
0405206A	Foundations of Education	3	-
0408102A	Educational Psychology	3	**(0408212)**
Forth: Compulsory Specialization Courses (66) CR.H.			
0403231	Applied Behavior Analysis	3	**0408212**
0408211	Counseling Psychology	3	**0408214 Or 0408212**
0408214	Introduction to Psychological Health	3	**0408212**
0408231	Action Research Skills	3	**0408212**
0408232	Psychological Measurements & tests	3	**0408239**
0408235	Statistics in Applied Psychology	3	**0102120**
0408237	Developmental Psychology and its Applications	3	**0408212**
0408239	Introduction to Psychometrics	3	**0408212**
0408318	Psychology of Personality	3	**0408212**
0408319	Experimental Psychology	3	**0408212**
0408322	Cognitive Psychology	3	**0408212**
0408323	Industrial and Organizational Psychology	3	**0408212**
0408324	Clinical Psychology	3	**0408214 &0408212**
0408325	Social psychology	3	**0408212**
0408326	Psychology of Learning	3	**0408212**
0408327	Psycho Pathology	3	**0408212**
0408335	Psychophysiology	3	**0408212**
0408433	Children's and Adolescents Psychological Problems	3	**0408212**
0408438	Behavioral and Psychological Consultation	3	**0408212**
0408490	Practicum in Applied Psychology	9	**>=114**
Fifth: Compulsory Supporting Professional Courses (24) CR.H.			
(2) Elective Courses (9) CR.H.			
0408321	Psychology of Individual Differences	3	**0408212**
0408329	Criminal Psychology	3	**0408212**
0408417	Psychology of Family Problems	3	**0408212**
0408427	Psychology of Creativity	3	**0408212**
0408428	Psychology of Media	3	**0408212**
0408470	Special Topics in Applied Psychology	3	**0408212**

Guidance Plan / Applied Psychology Program

First Year (السنة الأولى)		Second Year (السنة الثانية)		Third Year (السنة الثالثة)		Fourth Year (السنة الرابعة)	
First Semester (الفصل الأول)	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**	**First Semester (الفصل الأول)**	**Second Semester (الفصل الثاني)**
Computer Skills (0102120)	Educational Psychology (0408102A)	Curriculum & Instruc on (0405205A)	Developmental Psychology and its Applications (0408237)	Psychological measurements and tests (0408232)	Introduction to Psychological Health (0408214)	Children Psychological Problems (0408433)	Special Topics in Applied Psychology (0408470)
Islamic Culture (0406110)	Scientific Research Skills (0508203A)	University Elective	Fund. Of Innovation and Entrepreneurship (0501170A)	Action Research Skills (0408231)	Behavior Modification (0408216)	Free Course	Practicum (0408490)
Arabic Language (0405100)	Science and Life (0201111A)	Industrial and Organizational Psychology (0408323)	Teaching Diverse Students (0403101A)	Psychophysiology (0408335)	Major Elective	Experimental Psychology (0408319)	
UAE Studies (0409103)	English (2) (0401121)	Social Psychology (0408325)	Psychology of Personality (0408318)	Major Elective	Counseling Psychological (0408211)	Major Elective	
English (1) (0401120)	University Elective	Educational Technology (0404200A)	Introduction to Psychometrics (0408239)	Psychology of Learning (0408326)	Clinical Psychology (0408324)	Psychological and Behavioral Counseling (0408438)	
		Principles of Descriptive Statistics (0408233)	Foundations of Education (0405206A)		Cognitive Psychology (0408322)		
15	15	18	18	15	18	15	12
30		**36**		**33**		**27**	
126							

Brief Course Descriptions

Course Title & No.	Brief Course Description
Counseling Psychology 0408211	This course presents the conceptions, trends, and practices followed in psychological counseling and what it includes in terms of sub-topics, such as its nature, foundations, psychological theories, the role of the counselor, and the various methods used in psychological counseling. It also aims to specify the skills necessary in psychological counseling and the factors that may influence it. Besides, the aim of the course includes connecting this science with other sciences.
Introduction to Applied Psychology 0408212	This course aims to familiarize students with general psychology, its specializations, sub-topics, and applications. Additionally, it aims to acquaint students with the anticipated impact of applied psychology contributions on both local issues and global phenomena. The course also provides insight into the distinctions between applied psychology and other sciences regarding the formulation and resolution of questions. Furthermore, it briefly addresses research methods and measurements in psychological sciences, highlighting their role in interpreting the behavior of individuals and communities.
Introduction to Psychological Health 0408214	This course aims to define the concept of psychological health and illustrate psychological and mental problems and disorders in terms of their nature, origin, diagnosis methods, and treatment approaches. Additionally, it focuses on studying psychological adjustment, identifying its features, and exploring its key domains. The course also involves comparing normal personality characteristics with abnormal ones and recognizing psychological diseases associated with abnormal personality traits.
Applied Behavior Analysis 0403231	This course aims to introduce the fundamental concepts and historical background of the applied behavior of humans and its modification. It also aims to equip students with the skills to analyze behavior, establish goals for treatment programs, and select appropriate behavior modification strategies for both normal and abnormal individuals. The objective is to construct or modify undesired behavior, shape or enhance positive behavior, and sustain its continuation. By the end of the course, students are expected to design a behavior modification pattern applicable to various psychological cases.

Action Research Skills 0408231	This course addresses action research, covering its concepts, objectives, types, and procedural steps. It focuses on developing action research skills, including the theoretical framework, design of research questions, tools, methods of data collection, and applications to both educational and non-educational challenges. The course's goal is to empower students to present research related to a problem or difficulty they encountered during their training, under the guidance of a supervisor, utilizing all the steps of action research.
Psychological Measurements and Tests 0408232	This course covers principles and concepts related to psychological tests, including methods of construction and interpretation of results within the context of applied psychology for use in diagnosis and treatment. It also addresses psychological measurements, exploring the reliability of tests, factors influencing them, and the necessary circumstances for their application. Ultimately, the course aims to establish connections between theories and tests, utilizing their results in various fields.
Statistics in Applied Psychology 0408235	This course aims to acquaint students with the principles of descriptive statistics, aiding in the interpretation of phenomena studied in applied psychology. It covers topics such as data presentation, distribution, measures of central tendency, measures of dispersion, correlation and regression analysis, hypothesis testing, and understanding variables
Developmental Psychology and its Applications 0408237	This course aims to familiarize students with the concepts of developmental psychology in various aspects, including physical, kinesthetic, mental, emotional, and social dimensions, as well as the factors that positively and negatively influence development. The course also explores theories of human development, research methods in developmental psychology, and various developmental issues.
Introduction to Psychometrics 0408239	This course focuses on acquainting students with the concept of psychological measurements and various data collection tools (such as observation, interviews, tests, grading systems, and checklists). It aims to identify the principles and concepts related to psychological tests, along with methods for their construction and interpretation of results within the framework of applied psychology for use in diagnosis and treatment. The course also addresses psychological measurements, emphasizing the determination of test reliability and consistency, the influencing factors, and the necessary circumstances for their application. Ultimately, the course endeavors to establish connections between theories, tests, their results, and their practical applications across various fields.

Psychology of Personality 0408318	This course aims to familiarize students with the concept of personality, including its physiological, social, and psychological determinants, and explores various personality theories that approach personality from different perspectives. Subsequently, the course addresses significant personality disorders, methods for studying personality, techniques for personality assessment and adjustment, and essential tests for measuring personality and clinical suggestiveness.
Experimental Psychology 0408319	This course covers practical, educational, and psychological applications conducted in the psychology lab. These experiments encompass psychological and educational aspects associated with the behavioral school. The lab experiments aim to validate theoretical concepts, such as the transmission of the impact of training and the holistic principle that the whole is greater than the sum of its parts. Examples of these experiments include learning experiments, kinesthetic task experiments, and recognition experiments.
Psychology of Individual Differences 0408321	This course defines individual differences and traces their developmental stages throughout history. It illustrates the influence of surrounding social and cultural circumstances on the creation of individual differences and explores their applications in various fields, including education. The course also examines the impact of environmental factors and heredity on these differences and explores how psychology interprets these variations and their roles in shaping individual behavior.
Cognitive Psychology 0408322	This course aims at familiarizing students with the cognitive activities such as perception, attention, memory, imagining, language, thinking, problem solving, and decision making. With a view to explaining perception problems
Industrial and Organizational Psychology 0408323	This course aims to familiarize students with the principles of industrial and organizational psychology, focusing on its concepts and the nature of the fields it encompasses. Particularly, it delves into the analysis of various forms of organizational behavior, their impact on institutional performance, and strategies for enhancing productivity. The course also addresses the role of psychology in administrative structures, employment, the psychological foundations of administrative organization, and their effects on productivity.

Clinical Psychology 0408324	This course aims to familiarize students with the nature of clinical psychology, covering its history, development, fields, and significance. Additionally, the course introduces students to the classifications of psychological and mental diseases, teaches them how to analyze these conditions, and explores the tools and methods used in writing a psychological report. Furthermore, it guides students through various methods of psychological treatment.
Social Psychology 0408325	This course aims to familiarize students with social psychology, its historical development, and related fields. It delves into contemporary psychological trends addressing social upbringing, social behavior, and influencing factors. Key topics covered in this course include research methodology in social psychology, the evolution of social psychology, various problems and phenomena addressed by the field, as well as the social behavior of individuals and communities and its societal impacts.
Psychology of Learning 0408326	The course on the Psychology of Learning addresses the concept of learning, its characteristics, and the methods used to measure it. It explores both ancient and modern theories of behavioral learning, cognitive learning, social learning theory, and the social information processing system.
Criminal Psychology 0408329	This course aims to familiarize students with theoretical frameworks and applied foundations that focus on interpreting the motivations behind criminal behavior. It also introduces students to the latest psychological methods used in interrogation, explores the psychological factors influencing crimes and the feasibility of punishment. Additionally, the course aims to identify standards of abnormal behavior, including tests and interviews that may assist in understanding and addressing criminal behavior.
Psychophysiology 0408335	This course explores the functions of various body organs and their connection to behavior, encompassing the neurological system in both its central and peripheral parts. It also delves into the endocrine system, highlighting the role of each component in the psychological and emotional well-being of individuals. The course provides a comprehensive discussion of the sensory organs, including vision, hearing, tactility, gustatory, olfactory, and balance. Additionally, it covers topics such as psychological stress, the impact of drugs on behavior, and the causes of psychological diseases.

Psychology of Family Problems 0408417	This course aims to familiarize students with the concepts of normal and abnormal interaction within the family. It also addresses the behavioral disorders that may result from various interaction patterns, influencing the nature of familial relationships. The course further identifies forms of familial problems, analyzes patterns, and teaches strategies for dealing with them.
Psychology of Creativity 0408427	This course aims to familiarize students with the basic principles and concepts specific to creativity and creative thinking, accompanied by distinctive mental and intellectual abilities. The course also aims to present the factors influencing creative activity, the contexts in which creativity occurs, and the stages of creative processes. Additionally, the course seeks to identify the personality traits of creative individuals, focusing on thinking methods and the capacities necessary for developing creative abilities. Furthermore, the course will cover measurements and tools used to assess creative abilities, serving as benchmarks for evaluating individuals' creativity.
Psychology of Media 0408428	This course first aims to define media psychology and its connections with other sciences. It also seeks to identify the psychological effects exerted by media to influence individuals' personalities, exploring the psychological tools used for this purpose by starting with an understanding of behavior and the nature of human inclinations. Furthermore, the course delves into the nature of language used in media and psychological warfare, examining its relationship with the psychology of the audience.
Children and adolescents Psychological Problems 0408433	This course addresses contemporary psychological issues faced by children and adolescents, employing principles for their analysis and cause identification. The course also aims to empower students to apply their theoretical psychology skills to discover solutions and interpretations for these problems, considering their psychological motivations and societal impacts. Topics covered in the course include identifying the psychological needs of children and adolescents, understanding the causes of psychological problems they may experience, and exploring the role of the family in preventing these issues.
Behavioral and Psychological Consultation 0408438	This course focuses on providing students with an understanding of contemporary psychological challenge. The course covers a range of topics, including the causes, symptoms, classification, and diagnostic methods following DSM-5 criteria for various psychological problems. Additionally, it explores treatment methods for issues such as immature behavior, habits disorders, social problems, antisocial behavior, and drug abuse. The primary goal of the course is to equip students with theoretical skills in psychology to analyze, diagnose, and propose solutions for these problems, emphasizing their psychological motives and societal implications. Overall, Behavioral and Psychological Consultation aims to prepare students to effectively address and contribute to the field of psychological well-being, particularly in the context of consultation and intervention.

Special Topics in Applied Psychology 0408470	This course aims to study contemporary psychological crises faced by individuals in various fields, identifying psychological disorders stemming from modern social developments. The course also explores psychological phenomena, analyzes them, and proposes suitable methods for their treatment.
Practicum 0408490	This course aims to enable students to apply the knowledge and practical skills they have acquired during their study in the applied psychology program. The course is initially grounded in the theories and principles that students have studied, allowing them to practice in the labor market and identify problems related to applied psychology. The goal is to find practical solutions and establish connections with experienced professionals, facilitating the integration of theory with practice. Targeted training locations include schools, hospitals, care centers, addiction treatment centers, reformatories, comprehensive rehabilitation centers, and disabilities treatment centers, schools for people with special needs, or any other center practicing psychology or social services.
Psycho Pathology Disorders 0408327	This course aims to familiarize students with abnormal behavior and establish criteria for evaluating it. It focuses on the examination of mental disorders, behavioral issues, psychotic diseases, delinquency, and sexual deviations. Additionally, the course explores psychotic mental illnesses, including schizophrenia, mania, and depression, emphasizing diagnosis and symptom recognition. Practical skills are also a key focus, with an emphasis on diagnosing mental disorders based on the guidelines provided in the Statistical Diagnostic Manual (DSM-5).

G- Bachelor of Arts in Applied Sociology Program

Program Overview

The College of Education, Humanities and Social Sciences offers the Bachelor of Arts in Applied Sociology Program, which aspires to actively contribute to the development of the UAE society, preparing socially qualified cadres acquainted with knowledge, science and modern technology as well as the ability to employ them in solving social problems efficiently for the sake of building a better society.

Vision

The Applied Sociology Program at Al Ain University seeks to be a pioneer educational center in this field, and looks forward to ac- tively participating in developing the UAE community through preparing highly efficient social, professional graduates, acquainted with the knowledge and ability to use them to change the world in which they live to a better world.

Mission

The Applied Sociology Program seeks to be a center of excellence that responds to the needs of the labor market, and prepares graduates able to study and treat contemporary social issues and problems in the light of its commitment to the highest quality standards in teaching, research, and interaction with the community; and as dictated by the best practice in the field. The program is keen to keep updated scientific developments in theory and practice, and to strengthen its relationship with the institutions and organizations of local private and public societies working in different social fields.

Program Goals and Program Learning Outcomes

Program Goals:

The Bachelor of Arts in Applied Sociology aims to:

1. Enable students to derive the theoretical issues and indicators that are applicable in certain areas, such as family, work institutions, hospitals, schools, and others.
2. Train students to conduct quantitative and qualitative social research in social systems, issues, changes and service institutions, and to use statistical methods and software appropriately to organize and analyze data.
3. Enable students to use theories, methods and insights of sociology, in sociological studies designed to enlighten the social policy-makers and decision-makers about the social issues of concern to their community.
4. Prepare students to contribute to the development of solutions to social problems that are discovered through social research and studies.

5. Supply decision makers with applied scientific studies that are necessary for the Processes of social planning, and for drawing social policies and designing projects and services in various fields.
6. Provide students with the skills and abilities that enable them to observe the social problems and issues that deserve empirical study, so as to provide recommendations and solutions that can contribute to addressing these problems and issues and developing appropriate solutions.

Program Learning Outcomes*

Upon completion of the program, students will be able to:

S.No.	Program Learning Outcomes	Aligned with L6 QFE Descriptors
1	Learn the concepts, principles and significance of applied sociology and its historical development.	K
2	Use social theories to interpret topics related to applied sociology such as, social issues, social change and social structure.	K, S
3	Compare the theories of applied sociology and their use in understanding social issues and phenomena.	S
4	Design quantitative and qualitative social research, which contributes to building sociological knowledge, according to the ethics and methodology of scientific research and with utilization of modern technologies.	S
5	Develop professionally by building self-reliance skills and expanding the knowledge of concepts related to sociology and the societal problems by using the available scientific and technological resources.	S, R
6	Conduct social research to analyze social problems, interactions and processes, participate in designing social policies, and actively participate in developing the society and its values.	S, R
7	Interact positively with individuals, and society by developing a social sensitivity to different cultures, enabling him to work professionally and responsibly in various social work institutions.	R, S

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 - (126) CR.H./ Applied Sociology Program

Course No.	Course Title	CR.H.	Prereq.
First: General Education Program (33) CR.H.			
(1) Compulsory Courses (30) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	**0401120**
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
Second: (2) Elective Courses (6) CR.H.			
The Student is required to choose Only One course from each of the following groups:			
0406100	Arabs and Muslims Contributions to Arts and Science	3	
0408100A	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100A	Ethical Awareness	3	
0409102A	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H			
0303100	Law and Society	3	
0408103A	Thinking Skills	3	
0408104A	Self - Assessment	3	
0501100A	Introduction to Time Management	3	
0501150A	Leadership and Teamwork	3	
Third: Compulsory College Requirements (15) CR.H.			
0403101A	Teaching Diverse Students	3	**-**
0404200A	Educational Technology	3	**(0102120)**
0405205A	Curriculum and Instruction	3	**-**
0405206A	Foundations of Education	3	**-**
0408102A	Educational Psychology	3	**(0408100A)**
Fourth: Compulsory Specialization Courses (66) CR.H.			
0409111	Introduction to Applied Sociology	3	**-**
0409121	Methodology of Applied Sociology	3	**0508203A**
0409122	Applied Social Statistics	3	**0102120**
0409212	Sociological Theory	3	**0409111**
0409241	Ethics in Applied Sociology	3	**-**
0409261	Urban Sociology	3	**0409111**
0409264	Sociology of Family	3	**0409212**
0409331	Educational Sociology	3	**-**
0409332	Environmental Sociology	3	**0409111**
0409333	Criminal Sociology	3	**0409111**
0409334	Sociology of Juvenile Delinquency	3	**0409333**
0409335	Sociology of Work	3	**0409212**
0409352	Development Sociology	3	**0409212**
0409362	Sociology and Demography	3	**0409122 &0409111**
0409363	Drugs and society	3	**0409333**
0409465	Social Change	3	**0409212**
0409466	Social Policy	3	**0409352**
0409490	Practicum in Applied Sociology	9	**>=105**
0409495	Seminar on Designing Research Projects	3	**0409122 &0409121**
0409496	Graduation Project in Applied Sociology	3	**0409495**
Fifth: Compulsory Supporting Professional Courses (24) CR.H.			
(2) Elective Courses (9) CR.H.			
0408325	Social psychology	3	**0408100A**
0409113	Economic Sociology	3	**0409111**
0409167	Medical Sociology	3	**0409111**
0409265	Contemporary Social Issues	3	**0409111**
0409267	Social Institutions Management	3	**0409111**
0409336	Sociology of Tourism	3	**0409111**
0409337	Sociology of Law	3	**0409111**
0409338	Social Texts in English	3	**0401121**
0409369	Societal Violence	3	**0409111**

Guidance Plan / Applied Sociology Program

First Year (السنة الأولى)		Second Year (السنة الثانية)		Third Year (السنة الثالثة)		Fourth Year (السنة الرابعة)	
First Semester (الفصل الاول)	Second Semester (الفصل الثاني)	First Semester (الفصل الاول)	Second Semester (الفصل الثاني)	First Semester (الفصل الاول)	Second Semester (الفصل الثاني)	First Semester (الفصل الأول)	Second Semester (الفصل الثاني)
Arabic Language 0405100	English (2) (0401121)	Life& Science 0201111 A	Urban Sociology 0409261	Foundation of Education 0405206A	Curriculum& Instruction 0405205A	Sociology of development 0409352	Social Change 0409465
English (1) 0401120	Scientific Research Skills (0508203A)	UAE Studies (0409103)	Educational Psychology 0408102A	Teaching Diverse students 0403101A	Seminar in Applied Sociology 0409465	Fund. Of Innovation and Entrepreneurship (0501170A)	Practicum 0409490
Introduction to Applied Sociology 0409111	Sociological Theory 0409212	Foundation of Education 0405206A	Sociology of the Family 0409264	Sociology& Demography 0409362	Sociology of Juvenile Delinquency 0409334	Drugs &Society 0409363	Social Policy 0406466
Computer skills 0102120	Islamic Culture 0406110	Methodology of Applied Sociology 0409121	Environmental Sociology 0409332	Educational Sociology 0409331	Sociology of Work 0409335	Gratuation project in Applied Sociology 0409496	Teaching Diverse students 0403101A
Ethics of Applied Sociology 0409241	University Elective	Educational Technology 0404200A	Major Elective	Criminology 0409333	Major Elective	Major Elective	
		الإحصاء الاجتماعي التطبيقي Applied Social Statistics 0409122		Major Elective	-	Free Course	
15	15	18	15	18	15	18	12
30		36		33		27	
126							

Brief Course Descriptions

Course Title & No.	Brief Course Description
Introduction to Applied Sociology 0409111	The course aims at providing a conceptual framework to study applied sociology, touching on the milestones in the history of applied sociology and its most prominent founders, problems of applied sociology, and presenting the theories and fields of study in applied sociology, and finally the methodology of applied social research and how to use different learning resources in obtaining accurate information in applied research.
Methodology of Applied Sociology 0409121	This course is designed to provide an accurate description of the methodology for Social Research, where it deals with the subject of sociology and the problems of the social sciences, and the stages of preparation of the draft of social research represented in: the planning of the research project, procedures of the research design, data collection and analysis, observation and written report of social research. The course also aims to provide the types of research methods in sociology, such as: the historical method, the social survey (descriptive), experimental approach, the study of the local community, and the comparative method.
Applied Social Statistics 0409122	This course aims at familiarizing students with the knowledge of statistics and its importance and role in facilitating the work of social researchers in dealing with the research community, from sampling, tabulating, classified and describing data (measures of central tendency, variability, and forms of data distribution) and the degree and type of relationships between variables and the level of measurement and significance tests and test (T, F, Chi2, etc.), with the aim of providing students with a range of expertise in the field of social statistics to help him understand social phenomena and display the results of social research in specific, clear and concise form.
Modern Sociological Theory 0409212	The course aims at introducing students to the concept of social theory as a model that seeks intellectually to explain human behavior. The course deals with a number of classical theories and views of the most important pioneers of social thought with which social scientists deal. The course also deals with theories of contemporary sociology that aim to introduce students to the basic concepts of these theories and their views, limits, and outlook of the individual and society, classes and social institutions, and the composition of overlapping relationship between these components and its implications for understanding individual behavior and his/her relation with the community. It also aims at introducing students to the extent of the potential use and application of theories in non-environments in which they arise, especially in the Arab world.
Ethics in Applied Sociology 0409241	The course focuses on the professional ethics of Applied Social Sciences, and highlights the relationship between strategic issues upon which the ethics of the profession itself for branches of humanitarian and scientific sciences. The course will also acquaint students with the knowledge that the ethics of the profession are beneficial to the social worker and the target person. In addition, the course shows the application of ethics in the social sciences. It emphasizes on professional development and self-understanding of the core values and ethics of the practice of the profession. The course also seeks to enable students to critical readings and clear discussions of what is said, and enhance students' awareness of the ethical issues involved in their work.

Urban Sociology 0409261	The course aims at familiarizing students with the knowledge and skills needed in the urban sociology, and forms of collective behavior, and techniques of cooperation between individuals and groups in urban areas. It also addresses the relationship between rural and urban areas, and focuses on the social, cultural, economic construction, and population, organizations, and economic powers in the urban community. It includes the concept of urban sociology, its definitions, fields, characteristics, and theories. It studies the emergence of cities and their development and the process of urbanization and the social, cultural and economic aspects of the city's community. In addition, it focuses on the core issues, such as: housing, slums, transportation, and traffic congestion. Add to that, it focuses on urban development, such as the issues of social deprivation, street children, migration to the countryside - reverse social mobility, sustainable development, and globalization.
Sociology of Family 0409264	This course is designed to study the family as the first cell in the community, and the related phenomena of social systems. It also examines the forms of the family, its characteristics, functions, types and their evolution over time, along with the study of the impact of social, political and economic changes in the family and relations of its members and systems of kinship and marriage beside other matters relating to the family and community health.
Educational Sociology 0409331	This course deals with the concept of educational sociology; its origins and development; its objectives and scope; community and its types; social system and its properties and forms, and phenomena of social processes, along with the concept of socialization, its objectives, foundations, characteristics, forms and stages. It presents the concept of school and its public functions, and socialization in the school community, as well as the characteristics of the school and their roles in the socialization. The course also focuses on demonstrating the relationship between education and social interaction, measurement of social interaction, education and social values, education and social change, and education and culture.
Environmental Sociology 0409332	This course covers concepts related to the environment, and the human relationship to the natural environment in all aspects, and elements of the ecological pattern, and the mutual interaction between ecology and social systems. It also covers the interaction between social systems and some ecological theories -such as the environmental determinism theory- and the most important relationship between social change and industrial development and the environment. It focuses on providing students with knowledge about the previous concepts, and the skills related to studying, as well as trends and ethics of practice in this area.
Criminal Sociology 0409333	This course deals with the definition of Criminal sociology and the most important theories that explain the crime phenomenon and the social factors leading to it and ways to prevent them. It also analyzes and interprets the motives and factors leading to criminal behavior or encouraging it, and determines the social and environmental or genetic elements that contribute to the causes of delinquency and the commission of crimes of all kinds in the community.

Sociology of Juvenile Delinquency 0409334	This course addresses the phenomenon of delinquent behavior starting with the definition of delinquency and juvenile delinquency and classifying the types and characteristics of this category. The course focuses on the relationship between juvenile delinquency and social context in which the juvenile lives. It also deals with practical research skills in juvenile delinquency and the influencing factors as well as the social consequences of juvenile delinquency on the family, school and the society in general. The course will also address the role of the graduate in dealing with the problems of juvenile delinquency on the planning and decision-making level, and the establishment and management of rehabilitation institutions of juvenile delinquents.
Sociology of work 0409335	This course aims at studying the social aspects of labor, including three main areas: social organization of labor, current trends in labor and inequality in labor. The course focuses on changes in labor social aspects in addition to the different types of labor and the relationship between them.
Sociology of Tourism 0409336	It is a branch of the general sociology that is interested in studying the phenomenon of tourism and community tourism and related phenomena, problems, relations, services and interactions… etc. It is one of the latest emerging branches of sociology.
Sociology of Law 0409337	This course deals with the law and the legal structure in the social context. The course topics include theoretical approaches to the law; historical points of views about the origins of the law; rationality and legal sanctions; decision-making in accordance with the standards and ethics; crime and delinquency; “law in action” against the “law on the books”; the roles of lawyers, judges, juries; and law and social change with a special focus on the civil rights movement.
Development Sociology 0409352	The course aims to introduce the theories of development, and it addresses the evolution of its concepts and its branches such as economic, social and sustainable development, its components, dimensions, and its relationship to contemporary sociological discourse. In addition to the theories explaining the underdevelopment process, the causes and factors that led to the backwardness of some countries and the progress of others, and measuring development and its various indicators. The course deals with the importance of social development of societies and the daily lives of individuals and its importance for the development of all areas, capabilities and human activities. It equips students with a theoretical background and their applications on contemporary social development issues.
Sociology & Demography 0409362	This course describes the demographic structure, and demographic variables and other characteristics of the analytical demographic community, with a particular focus on demographic trends and differences in terms of: age, sex, population distribution, fertility, mortality, and natural increase of the population and migration. It also focuses on the theory of population sociology, methodology of research in this science, models of population analysis, social systems, fertility and social construction, and migration. In addition, it deals with the role of family, mortality, social classes, population policy, population and development; including the interrelationships between population and development, population construction, population change, and unemployment.

Economic Sociology 0409113	The course introduces economic sociology as one of the branches of sociology, and the historical development of the economic phenomenon, starting from Ibn Khaldun's views on the economy of civilizations, through Adam Smith, David Ricardo, and Keynesian, then the school of socialism from Karl Marx's perspective and his critic of capitalism, and the relationship of sociology to economics. The course also seeks to study social issues and concepts of economic origin, the relationship of supply and demand, and the impact of inflation on the society. In addition to studying economic facts as social phenomena, the course focuses on analyzing the economic and social development, and its impact on achieving social welfare.
Social Institutions Management 0409267	This course aims at introducing students to methods of social institutions and methods that differ from management of economic institutions and confirmation of social welfare that rely on the official government effort and activity of civil volunteer. It also deals with how to use administration in social institutions and how to acquire professional identity in the field of sociology and to conserve it.
Drugs & Society 0409363	This course aims to define the concept of addiction as a contemporary social problem, and addresses the causes, and social factors related to the pattern of an individuals' life and the nature of the environment in which they arise, the surrounding community, the nature of social relations and the prevailing culture. The course also focuses on the theories that explain addiction and deals with its forms, symptoms and complications on the individual, family and society, as well as the ways to treat it. The course also focuses on the students' applications of skills which they have acquired in Applied Sociology in treating addiction in all forms and manifestations.
Social Change 0409465	The course aims at acquainting students with the knowledge and skills needed in the process of social change, and understanding the sources and patterns of change. It also aims at making students learn the factors and aspects of societal and cultural changes, and comprehend the general structural changes in general and changes in the power and prestige centers. It addresses the relationship between the social pattern parts such as the relationship between demographic changes and population problems. Besides, it focuses on interpretation of the process of social change in general, and in the Gulf Arab communities in particular, and then link this process of social change to the development process in different areas, presenting an overview of the most important aspects of progress and backwardness in those areas.
Social Policy 0409466	This course deals with the definition of the basic concepts of public policy, social policy, the principles of social policy and perspectives, the preparation of social policy and design, and evaluation in government and private organizations, to provide them with the categories of beneficiaries of social policies. It also focuses on practical applications in the construction of social policies to solve social problems.

Graduation Project in Applied Sociology 0409496	The course focuses on introducing scientific research methods in applied sociology. The students learn how to choose the research problem, and then begins to design and conduct his research by applying the scientific methods they learnt in class. The students define the research problem, formulate hypotheses, research objectives, and identify the methods and tools of data collection and analysis. Students also conduct literature review following academic guidelines.
Practicum 0409490	This course aims at supervising and following-up trainee students after finding the necessary places related to specialization that allow students to practically apply the basic skills which they have acquired during their studies of the program in societal institutions (such as penal institutions management, judicial, educational, health and family care centers, centers for people with special needs, centers of juveniles, and other social institutions) where students conduct research and design appropriate tools to help them attain social adjustment in these institutions. Students also try to assess social projects and contribute to social policy and planning for the provision of social assistance and consultation.
Seminar on designing Research Projects 0409495	The course focuses on providing students with various research skills in both types: basic and applied research, as well as research with qualitative and quantitative nature. It also aims at acquainting students with skills such as: identifying research problems, reviewing previous studies, formulating questions, choosing sample and appropriate analytical methods to the data and interpreting results; beside ways of writing research reports. It also focuses on providing students with the skills of conducting action research and its practical application.
Social Psychology 0408325	This course covers the concepts of social psychology and social foundations of behavior -such as social upbringing-, the group and its dynamics, psychological and social trends, psychology of leadership, social interaction, roles, social psychology, mental health, media and its relation to some topics, such as aggressive behavior, intolerance and violence towards children and women.
English Readings in sociology 0409338	This course focuses on introducing students in applied sociology to the most important terminology in sociology in the fields of culture, social theory, technology and social change. The course also aims to enable students to express themselves in sociology related topics in English language and to describe events and facts easily. It also enables students to formulate a study hypothesis or problem, and to discuss a social problem in English.

Medical Sociology 0409369	This course deals with the concept of medical sociology, its origin and development, its fields, the concept of the medical institution and its social structure, studies social relations in it, and the relationship of health to development in developing countries, as well as focuses on social analysis of health culture within the family and school in terms of food habits, health practices and treatment methods The course also deals with mental health and its role in healing, social customs and folk methods in medicine and their damages to the individual and society.
Contemporary Social Issues 0409265	The course aims at discussing and analyzing social issues that occupy the global public opinion from a social perspective. It also examines the social impacts of global issues on local societies and their link to economic and political systems. The course also analyzes the social factors that led to the emergence of global issues and their impact on the society. Employing problem-solving methods in dealing with local and international issues from a social perspective.
Social Violence 0409369	This course shows the types and manifestations of violence in the streets, institutions, and family, and in all of the educational and public institutions. The course also deals with interpretations of sociologists -especially sociological crime - and theories of sociology of violence. It also addresses the cultural and social characteristics related to violence and the evolution of the interaction between violence and socioeconomic context through history and the experiences of handling and prevention of violence.

1- The Postgraduate Professional Diploma in Teaching Program

Program Overview

The Postgraduate Professional Diploma in Teaching program has been designed for teachers and educators who already hold undergraduate degrees but wish to obtain a professional qualification in teaching. The period of study in the Professional Diploma in Teaching is one year. The program is fully accredited by The Commission for Academic Accreditation (CAA) of the Ministry of Education. Furthermore, the program has been granted international accreditation by the Council for the Accreditation of Educator Preparation (CAEP) in October 2022.

Vision

The Postgraduate Professional Diploma in Teaching Program at Al Ain University aspires to become a pioneer in preparing teachers and educational leaders who are committed to life-long professional development in a changing world. to improve the lives of individuals and contribute to human development globally.

Mission

The mission of the Postgraduate Professional Diploma in Teaching Program is to prepare competent teachers and educational leaders. The program aims to improve the teaching and learning process by emphasizing active learning, educational research, and the effective use of technology. It integrates clinical experiences and fosters collaboration with individuals and organizations involved in education at the local, regional, and international levels.

Program Goals and Program Learning Outcomes

Program Goals

The Professional Diploma in Teaching program aims to:

1) Empowering candidates with theoretical knowledge related to the field of education, such as school curricula design and development, theories of learning and human growth, the basics of classroom management, and teaching methods associated with various school subjects.
2) Providing candidates with the necessary competencies needed to improve their technical and administrative performance within learning and teaching environments and contexts, such as planning, teaching, assessment, and classroom management skills.
3) Providing candidates with positive values and attitudes towards the teaching profession enhances their ability to adhere to the ethics of the profession, take into account their students' individual differences, and respond to the special needs of the UAE society.
4) Developing candidates' ability of self-learning, critical and creative thinking, leadership, and problem solving, through field training and teaching based on research and scientific investigation, and the employment of modern technologies.

5) Building effective community partnerships with governmental and private educational institutions and individuals, and other organizations associated with educational development locally, regionally, and internationally.

Program Learning Outcomes*

Upon completion of the program, students will be able to:

No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Demonstrate mastery of knowledge, skills, and values related to their academic specialization, curriculum design, teaching strategies, assessment, and classroom management.	7K
2	Apply acquired knowledge and skills to improve student learning using research, analysis, critical thinking, experimentation, and evaluation techniques.	7S
3	Employ educational, scientific and technical developments in designing effective teaching plans as well as safe and attractive learning environments.	7S
4	Utilize available scientific and real-world experiences to strengthen both their own and their students' abilities in self and cooperative learning, effective communication, problem-solving, decision-making and responsibility undertaking.	7S, 7R
5	Demonstrate academic integrity and ethical responsibility in teaching practices, while promoting the cultural and societal values of the UAE.	7R

**Consistent with the National Qualifications Framework*

Study Plan for Academic Year 2025/2026 (24) CR.H./ Postgraduate Professional Diploma in Teaching Program

Course Code	Course Title	CR.H.	Prerequisite
First: Compulsory Requirements (18 CR.H.)			
0401521E	Educational Psychology	3	---
0402522E	AI in Instruction	3	---
0402523E	Classroom Management	3	---
0402524E	School Curriculum and U.A.E. Curriculum	3	---
0402550E	Practicum	6	"Elective Course (1)" + 12 CR.H.
Second: Elective Requirements (6 CR.H.) The student is required to choose ONLY ONE course from each of the following groups			
Elective (#1) – (3 CR.H.) Depending on the student's specialization			
0402529	Methods of Teaching English language	3	---
0402531	Methods of Teaching IT	3	---
0402532	Methods of Teaching Science	3	---
0402534	Methods of Teaching Math	3	---
---	---	---	---
Elective (#2) – (3 CR.H.)			
0402525E	Teaching Diversified Groups	3	---
0402526E	Foundation of Education	3	---
0402527E	Research Methodology	3	---
0402535E	Assessment and Evaluation	3	---
0402540E	Capstone	3	---

(*) Language of instruction - English

رقم المساق	اسم المساق	الساعات المعتمدة	المتطلب السابق
أولاً: المتطلبات الإجبارية (18 ساعة معتمدة)			
0402521	علم النفس التربوي	3	---
0402522	الذكاء الاصطناعي في التدريس	3	---
0402523	الإدارة الصفية	3	---
0402524	المنهج المدرسي والمنهج في الإمارات	3	---
0402550	التدريب الميداني	6	مساق المتطلب الاختياري (#1) + 12 ساعة معتمدة
ثانيًا: المتطلبات الاختيارية (6 ساعات معتمدة) على الطالب اختيار مساق واحد على الأقل من كل المجموعتين التاليتين:			
المتطلب الاختياري (#1) - (3 ساعات معتمدة) بحسب تخصص الطالب			
0402528	طرق تدريس اللغة العربية	3	---
0402530	طرق تدريس التربية الإسلامية	3	---
0402533	طرق تدريس الدراسات الاجتماعية	3	---
0402536	طرق تدريس الفنون والتصميم	3	---
0402537	طرق تدريس التربية الرياضية	3	---
ثانيًا: المتطلبات الاختيارية (3 ساعات معتمدة)			
0402525	تعليم المجموعات المتنوعة	3	---
0402526	أصول التربية	3	---
0402527	مناهج البحث التربوي	3	---
0402535	القياس والتقويم التربوي	3	---
0402540	الخبرات التكاملية	3	---

(*) لغة التدريس - العربية

Guidance Plan / Professional Diploma in Teaching

First Semester الفصل الأول			Second Semester الفصل الثاني		
رمز المساق Course Code	اسم المساق Course Title	الساعات المعتمدة CR. H.	رمز المساق Course Code	اسم المساق Course Title	الساعات المعتمدة CR. H.
0402521 0402521E	علم النفس التربوي Educational Psychology	3	0402550 0402550E	التدريب الميداني Practicum	6
0402522 0402522E	الذكاء الاصطناعي في التدريس AI in Instruction	3	=	مساق المتطلب الاختياري (#2) Elective Course (2)	3
0402523 0402523E	الإدارة الصفية Classroom Management	3			
0402524 0402524E	المنهج المدرسي والمنهج في الإمارات School Curriculum and UAE Curriculum	3			
=	مساق المتطلب الاختياري (#1) Elective Course (1)	3			
	Total المجموع	15		Total المجموع	9

Brief Course Descriptions

Course Title & No.	Brief Course Descriptions
Educational Psychology 0402521 & 0402521E	This course aims to introduce the psychological principles and theories of the teaching process and effective learning. Through the presentation of psychological theories, case studies, and practical implementations, students are expected to understand educational psychology, and apply psychological principles in educational settings to enhance teaching and learning experiences. The educational psychology course focuses on students cognitive, emotional, social, moral, and language development and the characteristics of each stage of development. In this course, behavioral, cognitive learning theories and cognitive social learning theories are also studied, and the contributions of these theories to teaching strategies and curriculum development. The topic of motivation is also addressed in this course based on theories that explain motivation, the factors affecting it, and strategies for enhancing the level of motivation among students. This course also presents psychological principles and theories to create an effective and supportive educational learning environment, in addition to the topics of intelligence and its use in the classroom environment, diversity and inclusion in the learning environment.
AI in Instruction 0402522 & 0402522E	This K–12 course equips diploma candidates with the knowledge, skills, and dispositions necessary to design, facilitate, and evaluate AI-enhanced learning that is ethical, culturally responsive to global and local society, and aligned with United Arab Emirates (UAE) National Qualifications Framework. and UNESCO's Recommendation on the Ethics of Technology and Artificial Intelligence and recent guidance on Generative AI, explore ISTE and InTASC standards, and create classroom solutions that raise student achievement, foster self-directed and cooperative learning, and model responsible, values-based use of emerging technologies—and implementing instructional technology modules, e.g., (ADDIE) to achieve 21st century skills.
Classroom Management 0402523 & 0402523E	This course is designed to assist candidates in employing classroom management concepts and skills to maximize appropriate behavior and student learning. This course demonstrates the necessary research and counseling skills to address academic and behavioral issues within the classroom. Moreover, it focuses on building a positive relationship with colleagues, students, and parents. This course also helps candidates to utilize strategies to adapt to work pressure with a commitment to professional ethics.

Course Title & No.	Brief Course Descriptions
School Curriculum and Curriculum in The UAE 0402524 & 0402524E	This course examines the concept of the school curriculum, its foundations in terms of the philosophical, psychological, social and cognitive bases. The course also discusses the components of the curriculum in terms of objectives, content selection and organization, selection of modern teaching methods, learning activities and finally curriculum evaluation. The course focuses on the different ways of organizing the planning of the curriculum and how to approach its development. Finally, it relates theory to the UAE context.
Teaching Diversified Groups 0402525 & 0402525E	This course aims at introducing Candidates to the concept and characteristics of diversified groups of students, identifying their academic and psychological needs, studying cultural diversity, the sources of differences and individual differences for these groups of students, from the physical, mental, psychological, economic and cultural aspects. Introducing Candidates to theoretical aspects and practical practices related to how to deal with students with diverse backgrounds, students with learning difficulties, mental disabilities and the gifted and talented. And touch on how to teach these classes. Such as: comprehensive inclusion and dealing with diversity. And ways to adapt the curricula to suit the characteristics of these students.
Foundations of Education 0402526 & 0402526E	This course seeks to investigate concepts, themes, and frameworks of the foundations of education with an emphasis on the philosophical, cultural, and social foundations of education. Additionally, it defines the function of societal organizations that support teaching and learning, such as families and schools, in the educational process. This course also covers a variety of theories related to education, human nature, and morals. In addition to educational curriculum and its aims and objectives. It also intends to introduce candidates to various educational philosophies' viewpoints on the role of the teacher in the classroom as well as new roles for teachers in the globalization and information age. This course seeks to investigate concepts, themes, and frameworks of the foundations of education with an emphasis on the philosophical, cultural, and social foundations of education. Additionally, it defines the function of societal organizations that support teaching and learning, such as families and schools, in the educational process. This course also covers a variety of theories related to education, human nature, and morals. In addition to educational curriculum and its aims and objectives. It also intends to introduce candidates to various educational philosophies' viewpoints on the role of the teacher in the classroom as well as new roles for teachers in the globalization and information age.

Course Title & No.	Brief Course Descriptions
Research Methodology 0402527 & 0402527E	This course provides students with a comprehensive introduction to research methods in education and educational psychology with more focus on descriptive and experimental studies. The course covers the main features of educational research principles, functions, characteristics, objectives, and ethics of educational research. This course aims at providing students with basic skills and knowledge of forming and writing research problems, research questions, hypothesis, scientific research steps. The students will be introduced to research proposal as well as research report components in details. The course will also provide the students with basic knowledge of citation according to APA style
Methods of Teaching Arabic Language 0402528	This course aims to examine the nature of the Arabic language in terms of its concept, importance, functions, and characteristics. It also covers the planning, implementation, and evaluation skills used in teaching Arabic. The course emphasizes methods of teaching and developing the following language skills: listening, speaking (oral expression), reading, and writing (written expression, handwriting, and dictation), while adhering to the linguistic rules associated with these skills, represented by grammatical principles. Additionally, the course involves intensive and fundamental microteaching practice.
Methods of Teaching English Language 0402529	This course aims at developing students' skills and competencies in teaching English as a foreign language. The course intends to introduce students to the nature of English, goals of teaching English, and the methods of teaching English. Students will learn the theory and practical skills for teaching the four English language skills (listening, speaking, reading, and writing) in addition to other skills such as teaching vocabulary and grammar. Furthermore, this course addresses questioning and discussion techniques. Students will plan, evaluate, and practice teaching English learning tasks. Microteaching is an integral part of this course.
Methods of Teaching Islamic Studies 0402530	This course aims to introduce Islamic education, highlighting its importance, sources, and teaching methods. It covers an introduction to the concepts of Islamic education, its significance, characteristics, and educational outcomes, along with their applications in teaching. The course also addresses planning for Islamic education instruction. Additionally, it explores methods of teaching the Holy Qur'an, Prophetic Hadith, Islamic doctrine, Islamic jurisprudence, and the Prophet's biography. It emphasizes modern and technological teaching methods and their use in Islamic education. The course further provides an overview of the standards for Islamic education curricula in the United Arab Emirates.

Course Title & No.	Brief Course Descriptions
Methods of Teaching IT 0402531	The purpose of this course is to help candidates construct a comprehensive understanding of effective Information Technology instruction. This course covers both technological applications and the methods for teaching these applications. Candidates will develop pedagogical skills such as planning instruction, using different instructional tools and strategies to promote student understanding, thinking, engagement and managing lesson delivery and assessing and reporting students' performance. Major emphasis will be placed on using hands-on activities and practicing microteaching to gain experience teaching information technology.
Methods of Teaching Science 0402532	This course is designed to equip candidates with effective strategies and pedagogical approaches for teaching science at various educational levels (biology, chemistry, and physics). Participants will explore contemporary methods and best practices in science education, emphasizing hands-on, inquiry-based learning to foster students' curiosity and critical thinking skills. Topics include lesson planning, the integration of technology in science instruction, assessment techniques, and addressing diverse learning styles. Through practical applications and case studies, participants will develop the skills necessary to create engaging and inclusive science learning environments. Moreover, it discusses the nature of science, technology applications, safety standards, and different instructional tools and strategies to achieve learning outcomes. The course aims to empower candidates to inspire a passion for scientific inquiry and discovery in their students, fostering a lifelong appreciation for the wonders of the natural world.
Methods of Teaching Social Studies 0402533	The course aims to explore the nature of social studies, examining its concepts, objectives, foundations, and characteristics. This serves as a foundation for understanding how to approach its teaching, including planning and formulating educational objectives in behavioral terms, and identifying suitable methods, techniques, and strategies for teaching different social sciences fields such as history, geography, and national education. Emphasis is placed on connecting social studies topics to contemporary life and its data, as well as to students' personal lives. Additionally, the course focuses on identifying the most effective methods and tools for assessment in social studies, ensuring that these topics are studied both theoretically and practically through micro-teaching.
Methods of Teaching Mathematics 0402534	This course aims at introducing candidates to the recent and contemporary strategies and methods in the teaching of mathematics at the Elementary, Preparatory and Secondary levels. Among the topics covered are: the basic strands of mathematical content, instructional planning, teaching strategies, and assessment techniques relevant to mathematics, and the role of technology as a teacher resource and classroom tool. Emphasis is placed on knowledge and applications of different perspectives on teaching mathematics at the Elementary, Preparatory and Secondary levels.

Course Title & No.	Brief Course Descriptions
Assessment and Evaluation 0402535 & 0402535E	The “Educational Measurement and Evaluation” course aims to provide students with foundational knowledge and skills in classroom assessment, enhancing their abilities to prepare observable and measurable instructional objectives. It introduces students to various assessment tools and methods for designing, administering, scoring, and analyzing achievement tests, along with ensuring their psychometric properties and methods of calculating validity and reliability. The course also focuses on authentic assessment, covering its rationale, objectives, principles, characteristics, mechanisms, methods, and advantages.
Methods of Teaching Art & Design 0402536	This course aims to provide students with the theoretical knowledge and practical skills needed to effectively teach fine arts and design in modern educational settings. It explores the core concepts of fine arts, including their divisions, significance, functions, and aesthetic and pedagogical traits, with a focus on various disciplines such as design, fine arts, drama, music, and applied arts. The course emphasizes developing skills in planning, implementing, and assessing art lessons. It also reviews teaching strategies suitable for each art form, considering disciplinary differences and age groups. Additionally, the course seeks to enhance learners' creative abilities, including innovative design, artistic composition, aesthetic expertise, and using art to benefit the environment and society. Through this course, students will learn to design and execute educational units in art and design that foster students' creative and critical thinking while integrating theory and practice through modern, diverse teaching methods and various technological tools.
Methods of Teaching Physical Education 0402537	This course aims to explore the fundamental concepts and topics related to teaching and learning processes in physical education at school, along with their objectives. It also discusses teaching strategies used in physical education and the effective methods and techniques within those strategies that help achieve the overall and specific educational outcomes. Additionally, the course examines the modern and effective roles of physical education teachers in keeping up with the era of the knowledge economy and artificial intelligence. It focuses on lesson planning for physical education, including its components, characteristics, and life skills-based elements, as well as practical applications and classroom management skills. The course also covers physical exercises, call-to-action methods, lesson formations, the art of questioning, and assessment strategies in physical education.

Course Title & No.	Brief Course Descriptions
Capstone 0402540 & 0402540E	This Capstone course provides a culminating integrative experience, requiring teacher-students to synthesize knowledge, skills, and professional practices gained throughout the program. Students will focus on lesson planning and instructional design, apply effective classroom management strategies, and implement best instructional practices to improve learning outcomes. A core component involves fulfilling professional and ethical responsibilities while utilizing action research skills to investigate and address key teaching challenges. The course promotes self-directed learning for continuous professional and research development.
Practicum 0402550 & 0402550E	This course aims to introduce student teachers to the school function and the role of teachers by providing them opportunities for actual teaching practice in real classrooms under the supervision of academic and professional experts such as the cooperating teacher and the academic supervisor. The course focuses on domains of planning and preparation, classroom environment, instruction, and professional responsibilities. The course enhances the student teachers' ability to use research and technological techniques and practice the profession's ethics by providing them with continuous feedback.

2- The Postgraduate Professional Diploma in Early Childhood Education

Program Overview

The Postgraduate Professional Diploma in Early Childhood Education is a one-year program designed to enhance the knowledge and skills of educators passionate about supporting young children's development and well-being. This program addresses the growing demand for highly qualified early childhood educators in the UAE and aligns with international best practices. The curriculum integrates theoretical knowledge, practical experience, and leadership training to prepare professionals for a range of roles in early childhood education, including classroom teaching, program management, and curriculum development.

Vision

The Postgraduate Professional Diploma in Early Childhood Education aspires to be a leading program that empowers educators to transform early childhood education through inclusive, innovative, and research-informed practices, fostering lifelong learning and holistic development for all children.

Mission

The Postgraduate Professional Diploma in Early Childhood Education is dedicated to preparing competent, reflective professionals who apply advanced knowledge of child development, design and lead inclusive and developmentally appropriate learning experiences, demonstrate effective leadership through collaboration with families and communities, and commit to continuous professional growth to advance the quality of early childhood education.

Program Goals and Program Learning Outcomes

Program Goals

The Postgraduate Professional Diploma in Early Childhood program aims to:
The Postgraduate Professional Diploma in Early Childhood Education aims to:

1) Safeguard and promote the status and rights of the child in Emirati, Arab, and global societies.
2) Highlight the importance of sound child upbringing as the foundation for building a cohesive, productive, and active society.
3) Achieve quality in children’s education and upbringing in alignment with the philosophy and objectives of Emirati society.
4) Develop the knowledge, professional skills, and positive attitudes of early childhood teachers and caregivers.
5) Contribute to serving the local community through professional and awareness programs that support Emirati families, their values, and aspirations.

Program Learning Outcomes*

Upon completion of the program, students will be able to:

No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Apply advanced child development theories into diverse early childhood settings.	7K
2	Design, implement, and evaluate developmentally appropriate curricula.	7S
3	Employ inclusive teaching practices that address the diverse needs of young children.	7S
4	Manage and lead early childhood education programs effectively	7R
5	Critically reflect on and enhance teaching practices through professional development opportunities.	7S
6	Collaborate and build partnerships with families and communities to strengthen children's holistic development.	7R

**Consistent with the National Qualifications Framework – Level 7*

Study Plan for Academic Year 2025/2026 (24) CR.H./ Postgraduate Professional Diploma in Early Childhood Education

Course Code	Course Title	CR.H.	Prerequisite
First: Compulsory Requirements (18 CR.H.)			
0402541E	Childhood Growth and Development	3	---
0402542E	Early Childhood Language Acquisition	3	---
0402543E	Early Childhood Education and Assessment	3	---
0402544E	Early Childhood Curricula	3	---
0402545E	Early Childhood Inclusive Education		
0402590E	Practicum in Early Childhood Education	6	15 CR.H.
Second: Elective Requirements (3 CR.H.) The student is required to choose ONLY ONE course from each of the following courses:			
0402546E	Early Childhood Socialization	3	---
0402547E	AI in Early Childhood	3	---
0402548E	Educational Environment Management in Early Childhood	3	---
0402549E	Play Psychology	3	---
0402580E	Action Research	3	---

(*) Language of instruction - English

رقم المساق	اسم المساق	الساعات المعتمدة	المتطلب السابق
أولاً: المتطلبات الإجبارية (18 ساعة معتمدة)			
0402541	نمو الطفل وتطوره	3	---
0402542	اكتساب اللغة في الطفولة المبكرة	3	---
0402543	التعليم والتقييم في الطفولة المبكرة	3	---
0402544	مناهج الطفولة المبكرة	3	---
0402545	التعليم الجامع في مرحلة الطفولة المبكرة		
0402590	التطبيق العملي في تعليم الطفولة المبكرة	6	15 ساعة معتمدة
ثانيًا: المتطلبات الاختيارية (3 ساعات معتمدة) على الطالب اختيار مساق واحد على الأقل من المساقات التالية:			
0402546	التنشئة الاجتماعية في الطفولة المبكرة	3	---
0402547	الذكاء الاصطناعي في الطفولة المبكرة	3	---
0402548	إدارة بيئة التعلم في الطفولة المبكرة	3	---
0402549	علم نفس اللعب	---	---
0402580	البحث الإجرائي	3	---

(*) لغة التدريس - العربية

Guidance Plan / Professional Diploma in Teaching

First Semester الفصل الأول			Second Semester الفصل الثاني		
رمز المساق Course Code	اسم المساق Course Title	الساعات المعتمدة CR. H.	رمز المساق Course Code	اسم المساق Course Title	الساعات المعتمدة CR. H.
0402541E 0402541	Childhood Growth and Development نمو الطفل وتطوره	3	0402590E 0402590	Practicum in Early Childhood Education التطبيق العملي في تعليم الطفولة المبكرة	6
0402542E 0402542	Early Childhood Language Acquisition اكتساب اللغة في الطفولة المبكرة	3	=	مساق المتطلب الاختياري Elective Course	3
0402543E 0402543	Early Childhood Education and Assessment التعليم والتقييم في الطفولة المبكرة	3			
0402544E 0402544	Early Childhood Curricula مناهج الطفولة المبكرة	3			
0402545E 0402545	Early Childhood Inclusive Education التعليم الجامع في مرحلة الطفولة المبكرة	3			
	المجموع Total	15		المجموع Total	9

Course Title & No.	Brief Course Descriptions
Childhood Growth and Development 0402541 & 0402541E	This course covers the process of child growth and development from birth to adolescence, focusing on physical, emotional, social, and cognitive aspects. It also examines factors influencing healthy development and the role of environment and social interaction in shaping children's experiences.
Early Childhood Language Acquisition 0402542 & 0402542E	This course aims to explore the fundamental processes of language acquisition in early childhood, covering key theories, research findings, and practical applications. Topics include the stages of language development, bilingualism, cognitive and social influences on language learning, and strategies to support language growth in educational settings. The course integrates contemporary research and best practices to equip students with effective approaches for fostering language acquisition and development in young learners.
Early Childhood Education and Assessment 0402543 & 0402543E	This course equips students with the knowledge and skills to plan, implement, and evaluate effective teaching and assessment practices in early childhood settings. It emphasizes the integration of child development theories with inclusive instructional strategies and the use of observation and assessment tools to inform individualized teaching. Students will explore ethical, cultural, and professional considerations in both learning and assessment, while developing the ability to collaborate with families and colleagues. Through reflective practice, they will refine their ability to support diverse learners and manage assessment processes in developmentally appropriate ways.
Early Childhood Curricula 0402544 & 0402544E	This course provides a comprehensive overview of early childhood curricula, focusing on its historical foundations, theoretical influences, and contemporary approaches. Students will explore major curriculum models and philosophies, learn to design and implement developmentally appropriate practices, and apply strategies to support diverse learners in early childhood settings. Emphasis is placed on curriculum evaluation, continuous improvement, and practical techniques to help young children adjust and thrive in school environments.
Early Childhood Inclusive Education 0402545 & 0402545E	This course introduces students to the principles and practices of inclusive education in early childhood. It examines the developmental needs of children with diverse abilities and backgrounds, as well as the implementation of inclusive strategies to support their learning and development. Students will examine policies, cultural and ethical considerations, and the roles of families and professionals in promoting equity and participation in early learning environments.

Course Title & No.	Brief Course Descriptions
Early Childhood Socialization 0402546 & 0402546E	This course aims to introduce the concept of socialization in early childhood and its importance in shaping personality and developing children's social and emotional skills. It explores the factors that influence the socialization process, including the family, school, media, and community, in addition to strategies for promoting positive socialization. The course also discusses the role of socialization in developing children's learning skills. It empowers educators to develop inclusive teaching practices that consider the cultural, social, and emotional diversity of children, thereby fostering an inclusive educational environment that supports the needs of all young children. The course emphasizes the importance of building partnerships with families and local communities, along with various strategies to strengthen their roles as key partners in supporting the holistic development of all children within the UAE's unique educational context.
AI in Early Childhood 0402547 & 0402547E	This course prepares pre-service early childhood educators to integrate developmentally appropriate digital technologies and Artificial Intelligence (AI) tools by implementing instructional technology modules into nursery and lower-primary classrooms. Teachers examine current research, international standards, and the UAE QEF, and design, implement, and evaluate AI-enhanced learning experiences that promote creativity, inclusion, and well-being in children. Field observations of AI-enabled classrooms and virtual guest talks with global experts provide authentic contexts for learning. Ethical, equitable, and sustainable uses of technology are foregrounded throughout.
Educational Environment Management in Early Childhood 0402548 & 0402548E	This course explores the principles and practices involved in designing, managing, and evaluating learning environments for children aged 0 to 8. It emphasizes the importance of developmentally appropriate, inclusive, safe, and stimulating settings that support cognitive, emotional, physical, and social development. Candidates will examine indoor and outdoor educational environments, classroom organization, daily routines, and the role of teachers in creating optimal learning spaces. Ethical considerations in managing early learning environments—such as respect for children's rights, confidentiality, and equitable access—will be discussed throughout the course.
Play Psychology 0402549 & 0402549E	This course covers the psychological principles underlying play and its impact on child development, behavior, and well-being. It covers theories of play, cognitive and emotional benefits, the role of play in childhood and adulthood, and its applications in education, therapy, and social interactions. This course analyzes research on play behavior, motivation, and the effects of digital gaming. The course explains how play influences psychological growth and social dynamics.

Course Title & No.	Brief Course Descriptions
Action Research 0402580 & 0402580E	This course aims at introducing Students the basic skills and knowledge about action research in educational setting. The course starts with introduction to educational research and scientific methods. Then, it introduces the concept and the meaning of action research, and its needs for effective teachers and at the same time the role of action research in professional development of teachers. Course content will include carrying out a literature review, collecting and analyzing data, and developing the first cycle of an action plan with the purpose of enriching an educational setting. This experience will assist students (teachers) in developing their professional voice through the exploration of significant issues in educational settings
Practicum in Early Childhood Education 0402590 & 0402590E	This course aims to equip practicum students with various knowledge and skills related to the teaching and learning process for early childhood students. It provides a detailed approach to enabling student-teachers to design and implement clear, integrated lesson plans tailored for early childhood learners. The course emphasizes the use of appropriate teaching strategies and the evaluation of their effectiveness in engaging and motivating young children.

3- Master of Education in Arabic Language Curricula and Instruction

Program Overview

The Master of Education in Arabic Language Curricula and Instruction program aims at providing candidates with comprehensive, central and profound knowledge in the field of Arabic language curricula and teaching methodologies, enabling them to develop their epistemological, linguistic and educational abilities, providing them with research, analysis, design and evaluation skills, in addition to using technology in the field of Arabic language curricula and teaching methodologies. This program is not designed to obtain any professional qualification in teaching.

Vision

Leadership in training, scientific research, curriculum developing and providing the scientific knowledge specialized in Arabic Language curricula and its teaching methodologies.

Mission

Developing training abilities, scientific research, educational supervision, curricula designing, educational and learning program for Arabic Language curricula and its teaching methodologies.

Program Goals and Program Learning Outcomes

Program Goals:

The M.Ed. in Arabic Language Curricula and Instruction program aims to:

1. Provide candidates with comprehensive, central and profound knowledge in the field of Arabic language curricula and teaching methodologies.
2. Provide candidates with research, analysis, design, evaluation skills and using of technology in the field of Arabic language curricula and teaching methodologies.
3. Develop the ability of candidates to work independently and take responsibility in the management of professional practices related to the designing of Arabic language curricula and Teaching Education.
4. Enhance the moral awareness of the candidates in order to qualify them to take objective decisions with scientific methodology.
5. Develop the academic and professional self-concept among the candidates, helping them to continue their professional development.

Program Learning Outcomes*

Upon completion of the M.Ed. in Arabic Language Curricula and Instruction program, students will be able to:

S.No.	Program Learning Outcomes	Aligned with L9 QFE Descriptors
1	Demonstrate a knowledge of the concepts, principles and theories related to Arabic language curricula and its teaching methodologies.	K, S
2	Employ the skills of scientific research and the use of technology in curriculum planning, designing, analysis and evaluation.	S
3	Design performance models showing candidate's proficiency in many skills such as planning, analyzing and evaluating Arabic language curricula.	S
4	Develop performance models showing proficiency in the skills of preparing and training Arabic Teaching Education.	S, R
5	Demonstrate the ability to objectively and reasonably deal with social and ethical issues related to Arabic language curricula and the Teaching Education.	S, R
6	Employ self-learning strategies to follow up developments in the field of Arabic language curricula and Teaching Education.	S
7	Write a thesis within the criteria and ethics of scientific research for the purpose of obtaining a master's degree in the field of Arabic language curricula and methods of teaching.	K, S, R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 (33) CR.H.\ Master of Education in Arabic Language Curricula and Instruction

Course No.	Course Title	CR.H.	Prereq.
Compulsory College Requirements (18) CR.H.			
0402601	Educational Curriculum Theories	**3**	
0405601	Arabic Language Skills	**3**	
0405602	Methods of Teaching Arabic Language Skills	**3**	**0405601**
0405603	Arabic Language Education and Thinking Development	**3**	**0402601**
0405608	Educational Technology and its Applications in Arabic Language Education	**3**	**0402601**
0408601	Educational Research and Statistical Methods	**3**	
Elective Courses (6) CR.H.			
0402603	Learning and Teaching Environment	**3**	
0405604	English Language Readings in Arabic Language	**3**	**0405602 &0402601**
0405605	Assessment in Arabic Language Education Curriculum	**3**	**0402601**
0405606	Contemporary Issues in Arabic language Curricula and Teaching Methods	**3**	
0405607	Teaching Arabic Language to Other Speakers	**3**	**0402601**
Thesis (9) CR.H.			
0405699	Masters Thesis in the Arabic Language	**9**	**>= 24**

Guidance Plan \ Master of Education in Arabic Language Curricula and Instruction

Second Year السنة الثانية		First Year السنة الأولى		
Second Semester الفصل الثاني	First Semester الفصل الأول	Second Semester الفصل الثاني	First Semester الفصل الأول	
رسالة ماجستير Master's Thesis in the Arabic Language 0405699*	تكنولوجيا التعليم وتطبيقاتها في مناهج اللغة العربية وطرائق تدريسها Educational Technology and its Applications in Arabic Language Education 0405605	مناهج البحث والإحصاء التربوي Educational Research and Statistical Methods 0408601	نظريات المناهج التربوية Educational Curriculum Theories 0402601	
	يختار الطالب مساق واحد من مجموعة المساقات الاختيارية (Elective)	طرائق تدريس مهارات اللغة العربية Methods of Teaching Arabic Language Skills 0405602	مهارات اللغة العربية Arabic Language Skills 0405601	
		تعليم اللغة العربية وتنمية التفكير Arabic Language Education and Thinking Development 0405603	يختار الطالب مساق واحد من مجموعة المساقات الاختيارية (Elective)	
9	6	9	9	المجموع Total
15		18		المجموع Total
33				المجموع Total

* حسب أنظمة الدراسات العليا المتبعة بجامعة العين للعلوم والتكنولوجيا.

Brief Course Descriptions

Course Title & No.	Brief Course Description
Educational Curriculum Theories 0402601	The course aims at introducing candidates to the theories of the educational curricula and their designing models. It includes the definition of the concept of the curriculum in ancient and modern times, the curriculum's theory, types, characteristics, elements and foundations. It also presents different design models of the curriculum such as Taylor, Hilda Taba ,Zais, Macdonald, John Dewey, Bushamp and Stenhouse and others. It addresses design processes, development, implementation and evaluation of curriculum, and its relation to modern methodological theories, and focuses on the models of curriculum evaluation and criteria of identifying its elements and formulation. The course comprises the study of modern educational curricula design and development models both locally and internationally. It aims at providing candidates with the skills of curriculum design and development, starting from identifying requirements, defining general and specific objectives, analyzing candidates' characteristics and the characteristics of the educational environment, to defining the appropriate design or development strategy for the curriculum, and ending with the structural and final evaluation of the curriculum design and development.
Learning and Teaching Environment 0402603	This course aims to introduce candidates to basic concepts and theories related to the educational and learning environment and to deal with the various educational issues facing a candidate and / or teacher in the classroom and / or in the school and / or teaching and learning situations outside the school, which are supervised by the school. It also aims to provide the candidate and / or teacher with various skills such as advising, classroom management, adapting to work pressure and different management styles inside and outside the classroom. The course also focuses on the classroom environment, verbal and nonverbal interaction forms, and different classroom environment elements.
Arabic Language Skills 0405601	This course aims at developing the skills of the language candidate and introducing the basics skills of the Arabic language system. The course addresses the four language skills (listening, speaking, reading and writing) in terms of their characteristics and psychological and behavioral effects. The course also introduces these skills through selected texts that enrich the candidates' linguistic and cognitive outcomes.
Methods of Teaching Arabic language skills 0405602	This course aims to introduce candidates to the old and modern teaching methods in teaching language skills and provide them with the necessary expertise in the field of pre-lesson planning and the teaching process. It covers the process of lesson planning and the methods of evaluation, as well as training candidates to teach the language skills and to develop their competencies as well as their ability to use up-to-date teaching methods in the teaching process.
Arabic Language Education and Thinking Development 0405603	This course provides an introduction to basic thinking strategies and skills in line of teaching Arabic language, and includes brief definitions of thinking and intelligence skills. It covers the basis of the application of critical and creative thinking in teaching Arabic language, and focuses on the implementation of strategies for problem solving and decision-making and their application. The course shows the impact of teaching creative thinking skills in the Arabic language on the creative abilities and achievement of candidates by integrating skills such as rhetoric and debate, and oral expression classes. The course also includes the definition of the Kurt program to train Arabic candidates to develop higher-order thinking skills and their integration in the Arabic language curriculum.
English Language Readings in Arabic Language Curricula and its teaching methods 0405604	This course introduces candidates to some of the scientific studies and research published in specialized scientific journals, and to some chapters of English books that are related to curricula and methods of teaching the Arabic language. Scientific concepts and terms related to the Arabic language curriculum and teaching methods are also introduced with the purpose of helping candidates make use of them in their research and thesis writing

Assessment in Arabic Language Education Curriculum 0405605	This course introduces evaluation as being a "component" of the Arabic language curriculum and a practical process that can be based on the Arabic language curriculum in all its components. Thus, it aims to introduce the candidate to the concept of evaluation - and its related concepts and terminology - in general and the concept of evaluating the curriculum in particular. More specifically, it aims to provide candidates with the knowledge, skills and values related to the evaluation of Arabic language curricula on the one hand, and the knowledge, skills and values related to the effective classroom assessment of candidates' learning of Arabic language skills on the other. The course also discusses the methods of constructing the evaluation tools used in Arabic language curricula, analyzing and developing them, and diagnosing Arabic language teachers' evaluating procedures within a professional and ethical framework.
Contemporary issues in Arabic Language, Curricula and Teaching Methods 0405606	This course introduces contemporary and modern trends in Arabic language curricula and methods of teaching through the most prominent studies in this regard. It aims to familiarize candidates with the most prominent global trends that have been developed and promoted to teach language skills in general, with the need to link them to any particular skill to be developed through such trends. The course addresses the role of the teacher in adopting these trends in the best way that helps candidates acquire language skills in the best possible manner. It also includes topics related to the Arabic language curricula and the methods of teaching them in line of candidates' interests which may include such controversial issues as globalization, the features of modernization, the development of thinking and creativity, the employment of technology and self-learning.
Teaching Arabic language to other speakers 0405607	This course focuses on deepening the candidates' knowledge in the field of teaching Arabic to speakers of other languages of Arabic language sciences, and discussing its various aspects, including: the difference between language acquisition and learning a second language through such methods as the Audio-Lingual method, the Total Physical Response Method and others. The course covers the objectives and trends of learners, the specifications of the teachers of Arabic to speakers of other languages. The course introduces the Arabic language teaching curricula, including skills training, teaching and learning issues, teaching institutes and centers as well as teaching approaches and methods. The course also introduces methods of designing public and private curricula based on cognitive, behavioral and social frameworks on which the modern teaching models are based, as well as designing assessment tools.
Educational Technology and its applications in Arabic Language Education 0405608	This course covers the concepts and foundations of educational technology and its practical applications in Arabic language curricula. It includes the theoretical and practical foundations of intelligent learning applications, cloud learning, e-learning, blinded learning, and technology integration skills in Arabic language curricula that include planning, implementation, evaluation and development. It also provides educational models used for teaching designing such as cognitive models like Dick and Carey model, KWL model and its applications in Arabic language curricula. Candidates are also trained on education designing models using technology such as ASURE model.
Master thesis in the Arabic Language 0405699	All Students are required to perform an academic thesis in Arabic Language Curricula and instruction. The Thesis must be written in Arabic with an English abstract, Academic supervisor follows up Students progress.
Educational Research and Statistical Methods 0408601	This course aims at introducing candidates to the methods of acquiring and exploring knowledge based on specific curricula through making additions or modifications in educational fields, which results in their development and progress. The course introduces the basic concepts and principles that underpin the educational research, its functions, characteristics, objectives and ethics, and the stages of educational research, including the identification of the research's problem, formulation, questions, hypotheses, and types of educational research such as basic, applied and evaluative research, and others. The course also presents the information resources in the educational research, the elements of its plan, and the different variables and methods of control. Moreover, it provides the methodology of designing educational research, along with its samples and tools. Finally, the course addresses the process of educational statistics and hypothesis testing, how to use the Statistical Package for Social Sciences (SPSS), and how to write a research report.

4- Master of Education in Islamic Education Curricula and Instruction

Program Overview

The Master of Education in Islamic Education Curricula and Instruction program aims at providing candidates with comprehensive, central and profound knowledge in the field of Islamic Education curricula and teaching methodologies, enabling them to develop their epistemological, linguistic and educational abilities, providing them with research, analysis, design and evaluation skills, in addition to using technology in the field of Islamic Education curricula and teaching methodologies. This program is not designed to obtain any professional qualification in teaching.

Vision

Leadership in training, scientific research, curriculum developing and providing the scientific knowledge specialized in Islamic Education curricula and its teaching methodologies.

Mission

Developing training abilities, scientific research, educational supervision, curricula designing, educational and learning program for Islamic Education curricula and its teaching methodologies.

Program Goals and Program Learning Outcomes

Program Goals:

The Master of Education in Islamic Education Curricula and Instruction program aims to:

1. Provide candidates with comprehensive, central and profound knowledge in the field of Islamic Education curricula and teaching methodologies.
2. Provide candidates with research, analysis, design, evaluation skills and use of technology in the field of Islamic Education curricula and teaching methodologies.
3. Develop the ability of candidates to work independently and take responsibility in the management of professional practices related to the designing of Islamic Education curricula and Teaching Education.
4. Enhance the moral awareness of the candidates in order to qualify them to take objective decisions with scientific methodology.
5. Develop the academic and professional self-concept among the candidates, helping them to continue their professional development.

Program Learning Outcomes*

Upon completion of the M.Ed. in Islamic Education Curricula and Instruction program, students will be able to:

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Demonstrate a knowledge of the concepts, principles and theories related to Islamic Education curricula and its teaching methodologies.	K, S
2	Employ the skills of scientific research and the use of technology in curriculum planning, designing, analysis and evaluation.	S
3	Design performance models showing candidate's proficiency in many skills such as planning, analyzing and evaluating Islamic Education curricula.	S
4	Develop performance models showing proficiency in the skills of preparing and training Islamic Education teachers.	S, R
5	Demonstrate the ability to objectively and reasonably deal with social and ethical issues related to Islamic Education curricula and preparing teachers.	S, R
6	Employ self-learning strategies to follow up developments in the field of Islamic Education curricula and Teaching Education.	S
7	Write a thesis within the criteria and ethics of scientific research for the purpose of obtaining a master's degree in the field of Islamic Education curricula and methods of teaching.	K, S, R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 (33) CR.H.\ Master of Education in Islamic Education Curricula and Instruction

Course No.	Course Title	CR.H.	Prereq.
Compulsory College Requirments (18) CR.H.			
0402601	Educational Curriculum Theories	**3**	
0406601	Methods of Teaching the Quran and Hadith	**3**	
0406602	Methods of Teaching Doctrine Dogma and Prophets Biography	**3**	
0406603	Teaching Thinking concepts and values in Islamic Education	**3**	**0402601**
0406608	Educational Technology and its Applications in Islamic Education	**3**	**0406601**
0408601	Educational Research and Statistical Methods	**3**	
Elective Courses (6) CR.H.			
0402603	Learning and Teaching Environment	**3**	
0406604	English Language Readings in Islamic Education Curricula & its Teaching	**3**	
0406605	Assessment in the Islamic Education Curriculum	**3**	**0402601**
0406606	Contemporary Issues in Islamic Education Curricula and Teaching Methods	**3**	
0406607	Research Seminar in Islamic Education Curricula and Teaching Methods	**3**	**0402601**
Thesis (9) CR.H.			
0406699	Masters Thesis in the Islamic Studies	**9**	**>= 24**

Guidance Plan \ Master of Education in Islamic Education Curricula and Instruction

Second Year السنة الثانية		First Year السنة الأولى		
Second Semester الفصل الثاني	First Semester الفصل الأول	Second Semester الفصل الثاني	First Semester الفصل الأول	
	تكنولوجيا التعليم وتطبيقاتها في التربية الإسلامية Educational Technology and its applications in Islamic Education 0406608	مناهج البحث والإحصاء التربوي Educational Research and Statistical Methods 0408601	نظريات المناهج التربوية Educational Curriculum Theories 0402601	
رسالة ماجستير Master's Thesis in the Islamic Studies 0406699 *	يختار الطالب مساق واحد من مجموعة المساقات الاختيارية (Elective)	طرائق تدريس الفقه والعقيدة والسيرة النبوية Methods of Teaching Doctrine, Dogma and the Prophets Biography 0406602	طرائق تدريس القرآن الكريم والحديث النبوي الشريف Methods of Teaching the Quran and Hadith 0406601	
		تعليم التفكير والمفاهيم والقيم في التربية الإسلامية Teaching thinking, concepts and values in Islamic Education 0406603	يختار الطالب مساق واحد من مجموعة المساقات الاختيارية (Elective)	
9	6	9	9	المجموع Total
15		18		المجموع Total
33				المجموع Total

* حسب أنظمة الدراسات العليا المتبعة بجامعة العين للعلوم والتكنولوجيا.

Brief Course Descriptions

Course Title & No.	Brief Course Description
Educational Curriculum Theories 0402601	The course aims at introducing candidates to the theories of the educational curricula and their designing models. It includes the definition of the concept of the curriculum in ancient and modern times, the curriculum's theory, types, characteristics, elements and foundations. It also presents different design models of the curriculum such as Taylor, Hilda Taba ,Zais, Macdonald, John Dewey, Bushamp and Stenhouse and others. It addresses design processes, development, implementation and evaluation of curriculum, and its relation to modern methodological theories, and focuses on the models of curriculum evaluation and criteria of identifying its elements and formulation. The course comprises the study of modern educational curricula design and development models both locally and internationally. It aims at providing candidates with the skills of curriculum design and development, starting from identifying requirements, defining general and specific objectives, analyzing candidates' characteristics and the characteristics of the educational environment, to defining the appropriate design or development strategy for the curriculum, and ending with the structural and final evaluation of the curriculum design and development.
Learning and Teaching Environment 0402603	This course aims to introduce candidates to basic concepts and theories related to the educational and learning environment and to deal with the various educational issues facing a candidate and / or teacher in the classroom and / or in the school and / or teaching and learning situations outside the school, which are supervised by the school. It also aims to provide the candidate and / or teacher with various skills such as advising, classroom management, adapting to work pressure and different management styles inside and outside the classroom. The course also focuses on the classroom environment, verbal and nonverbal interaction forms, and different classroom environment elements.
Methods of Teaching the Qur'an and Hadith 0406601	This course aims at introducing methods of teaching the Holy Quran and Hadith. It includes defining the mission of the teacher of Islamic Education , his/her professional responsibilities, roles, characteristics, duties, teaching competencies, behavioral goals and their application in teaching the Quran's recitation, interpretation and memorization. The course also includes planning for teaching the Holy Quran and Hadith, general teaching methods and their implementation in the teaching process. The course also introduces teachers of Islamic Education to various instructional methods and their application in teaching the Holy Quran and Hadith, and to various teaching principles relevant to teaching the Quran, its recitation, interpretation and memorization. The course also clarifies the objectives of teaching Hadith and the principles underlying its teaching, the procedures and methods for formulating the teaching objectives and teaching the science of Hadith Terminology.
Methods of Teaching Doctrine, jurisprudence (Fiqh) and the Prophet's Biography 0406602	This course aims at introducing teaching methods Doctrine, jurisprudence (Fiqh) and the Prophet's Biography (Sirah). It elucidates the importance of the objectives and principles of its teaching, the behavioral goals and their applications in teaching Doctrine, jurisprudence (Fiqh) and Sirah, and the planning of teaching Doctrine and Sirah, modern teaching methods, along with teaching procedures and methods for each of them. The course presents the following methods: problem solving, cooperative learning, questioning, teaching concepts, inquiring, project, storytelling, concept maps, active learning and its applications in learning, Doctrine, Fiqh and Sirah.
Teaching thinking, concepts and values in Islamic Education 0406603	This course aims at addressing the most important issues related to the teaching of thinking, concepts and values in Islamic Education. It includes the definition of thinking, its importance and characteristics, teaching of thinking skills, creative thinking and critical thinking in Islamic Education, and the employing of thinking programs in Islamic Education teaching such as Kurt model and the Six Hats. It also deals with the teaching of Islamic concepts in terms of their characteristics and methods of teaching. It presents some models of teaching such as Hilda Taba, Klausmeier and Brunne. The course also introduces the definition of values, their sources, characteristics and classifications, as well as the meaning and basis of Islamic values, their designing and teaching models such as the four (Ts) (ت) the values trial strategy, and the strategic ethical growth.

English Language Readings in Islamic Education Curricula and its teaching methods 0406604	This course aims at developing candidates' skills and competencies in analyzing and critiquing ideas and concepts related to specific topics and issues in Islamic education curriculum and its methods of teaching. The course intends to expose candidates to the writings of Muslims and non- Muslims on educational and controversial Islamic issues. It helps candidates understand the debate of Islamic ideas and concepts from Islamic and non-Islamic points of view. The course covers a variety of issues and topics that are related, but not limited, to Islamic educational issues and topics. It introduces ideas such as Islamic pluralism, Islamic globalization and Islamic moderation. It discusses the role of teachers in presenting Islamic ideas of tolerance and global humanitarian compassion.
Assessment in the Islamic Education Curriculum 0406605	The aim of this course is to deepen the candidates' knowledge of the approaches used to evaluating the Islamic Education curricula and their types. The course intends to enhance candidate' ability to design the curriculum and apply them to the curricula of Islamic Education and use the results obtained to achieve the desired educational goals. The course also tackles the types of tools necessary to evaluate the progress of candidates in all branches of Islamic Education, and raise their competencies in constructing these tools to build sound methodology, analyze data and draw conclusions, in order to improve Islamic Education curricula and enhance candidate learning. The course also enhances the ability of candidates to diagnose the assessment habits of Islamic Education teachers within the professional and ethical framework of evaluation.
Contemporary issues in Islamic Education, Curricula and Teaching Methods 0406606	This course aims at presenting a number of contemporary educational issues related to the curricula of Islamic Education and the methods of teaching. The course covers such methods as: designing curricula of Islamic Education, curricula of Islamic Education and globalization, the role of Islamic Education in promoting identity and belonging, moderation and tolerance, coexistence and acceptance of others, renouncement of violence, extremism and terrorism, Islamic Education in health, aesthetic, national, environmental and family education. The course also discusses modern issues related to the methods of teaching Islamic Education.
Research seminar in Islamic Education Curricula and Teaching Methods 0406607	This course aims at defining the methods of scientific research in descriptive and experimental Islamic Education, its applications, examples of research and studies. The course intends to introduce candidates to the basics of scientific research and its fields in Islamic Education. It defines the steps of preparing a research plan in terms of: title selection, problem identification, hypotheses, procedures, references, scientific documentation, and research writing. In this course, the candidates are assigned to prepare and conduct a research project. The detailed research steps of the candidates are discussed in order to achieve a precise understanding of the methodology of scientific research and its applications in Islamic Education.
Educational Technology and its applications in Islamic Education 0406608	This course covers the concepts and foundations of educational technology and its practical applications in Islamic Education curricula. It includes the theoretical and practical foundations of intelligent learning applications, cloud learning, e-learning, blinded learning, and technology integration skills in Islamic Education curricula that include planning, implementation, evaluation and development. It also presents educational models used for designing lessons and their application in Islamic \education curricula. Examples include cognitive models like Dick and Carey model and KWL model. Candidates are also trained on education designing models using technology such as ASSURE model.
Master thesis in the Islamic Studies 0406699	All Students are required to perform an academic thesis in Islamic Education Curricula and instruction. The Thesis must be written in Arabic with an English abstract . Academic supervisors follow up students progress.
Educational Research and Statistical Methods 0408601	This course aims at introducing candidates to the methods of acquiring and exploring knowledge based on specific curricula through making additions or modifications in educational fields, which results in their development and progress. The course introduces the basic concepts and principles that underpin the educational research, its functions, characteristics, objectives and ethics, and the stages of educational research, including the identification of the research's problem, formulation, questions, hypotheses, and types of educational research such as basic, applied and evaluative research, and others. The course also presents the information resources in the educational research, the elements of its plan, and the different variables and methods of control. Moreover, it provides the methodology of designing educational research, along with its samples and tools. Finally, the course addresses the process of educational statistics hypothesis testing, how to use the Statistical Package for Social Sciences (SPSS), and how to write a research report.

5- Master of Arts in Applied Sociology

Program Overview

The Master of Arts in Applied Sociology is an advanced academic program that prepares highly skilled professionals to understand, analyze, and develop sustainable solutions to contemporary social challenges. The program emphasizes using sociological tools and methodologies to analyze social phenomena in various contexts, focusing on issues affecting individuals and communities locally and globally.

This program bridges theoretical knowledge and practical experience, training students to apply theoretical frameworks to address real-world issues. It also aims to enhance critical thinking, foster creativity in problem-solving, and promote teamwork with diverse societal groups.

Vision

To become a leading program in preparing specialists in Applied Sociology who possess the ability to address complex societal challenges. The program aspires to be a prestigious academic platform that contributes to the development of scientific knowledge, implements successful social interventions, and supports decision-making through the outcomes of its studies.

Mission

To provide high-quality and distinguished higher education in Applied Sociology with the aim of graduating professional cadres and researchers capable of employing sociological knowledge to understand and solve societal issues. The program emphasizes the use of scientific research and field studies as tools to support sustainable development and achieve social cohesion and justice.

Program Goals and Program Learning Outcomes

Program Goals:

The Master of Arts in Applied Sociology program aims to:

- Recognizes fundamental and advanced theories and concepts in applied sociology.
- Designs and conducts advanced social research using multidisciplinary methodologies to address social issues.
- Critically analyzes social data using advanced tools and software, providing well-informed recommendations.
- Evaluate and redesign social policies based on accurate research to meet societal needs.
- Develops professionally by enhancing self-learning skills to advance knowledge and expertise sustainably.

- Applies the values of social justice, diversity, and equity in research and practical applications.

Program Learning Outcomes*

Upon completion of the Master of Arts in Applied Sociology program, students will be able to:

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Demonstrate a knowledge of the concepts, principles and theories related to Islamic Education curricula and its teaching methodologies.	K, S
2	Employ the skills of scientific research and the use of technology in curriculum planning, designing, analysis and evaluation.	S
3	Design performance models showing candidate's proficiency in many skills such as planning, analyzing and evaluating Islamic Education curricula.	S
4	Develop performance models showing proficiency in the skills of preparing and training Islamic Education teachers.	S, R
5	Demonstrate the ability to objectively and reasonably deal with social and ethical issues related to Islamic Education curricula and preparing teachers.	S, R
6	Employ self-learning strategies to follow up developments in the field of Islamic Education curricula and Teaching Education.	S
7	Write a thesis within the criteria and ethics of scientific research for the purpose of obtaining a master's degree in the field of Islamic Education curricula and methods of teaching.	K, S, R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 (33) CR.H.\ Master of Arts in Applied Sociology

Course No.	Course Title	CR.H.	Prereq.
Core Courses- (18) CR.H.			
0409610E	Research Methodology in Applied Sociology (E)	**3**	
0409611	Sociological Theories	**3**	
0409612E	Social Statistics (E)	**3**	
0409613	Development Policy and Social Planning	**3**	**(0409611)**
0409614	Cultural Sociology and Civilization	**3**	
0409680	Field Training in Applied Sociology	**3**	**(12) CR.H.**
Elective Courses (6) CR.H. are chosen with a duration of (6) CR.H. from one of below three Areas			
Elective 2 Courses (Criminology Area)- (6) CR.H.			
0409620	Criminological Theories	**3**	**(0409611)**
0409612E	Correctional and Penal Institutions (E)	**3**	
0409622	Victimology	**3**	**(0409611)**
0409623	Cybercrime Sociology	**3**	
0409624E	International Terrorism (E)	**3**	
Elective 2 Courses (Educational Sociology and Family Guidance Area)- (6) CR.H.			
0409630	Educational Sociology: Theory and Practice	**3**	**(0409611)**
0409631	Qualitative and Quantitative Research Methodologies in Educational and Family Studies (E)	**3**	
0409632E	Family and Educational Crisis Management (E)	**3**	
0409633	Education and Social Innovation	**3**	
0409634	Family Guidance: Foundations and Practices	**3**	
Elective 2 Courses (Digital Sociology Area)- (6) CR.H.			
0409640E	Digital Research Methods and Data Analysis (E)	**3**	
0409641	Urban Sociology and Digital Cities	**3**	
0409642	Artificial Intelligence and Society	**3**	
0409643E	Digital Platform Economic Sociology (E)	**3**	
0409644	Digital Social Media	**3**	
Thesis- (9) CR.H.			
0409691	Thesis 1	**6**	**Core Courses (18) CR.H. (Completion of (18) credit hours including Research Methodology in Applied Sociology 100, and Social Statistics 120)**
0409692	Thesis 2	**3**	**0409691**

Guidance Plan \ Master of Arts in Applied Sociology

First Year		Second Year	
First Semester	**Second Semester**	**First Semester**	**Second Semester**
Research Methodology in Applied Sociology	Development Policy and Social Planning	Elective Course	Thesis 2 (3 HOURS) **(Completion of (18) credit hours including Research Methodology in Applied Sociology 100, and Social Statistics 120)**
Sociological Theories	Cultural Sociology and Civilization	Field Training in Applied Sociology **(Completion of (12) credit hours)including (100, 110, 120, 130)**	
Social Statistics	Elective Course	Thesis 1 (6 HOURS) **(Completion of (18) credit hours including Research Methodology in Applied Sociology 100, and Social Statistics 120)**	
9	**9**	**6**	**9**
18		**15**	
33			

Brief Course Descriptions

Course Title & No.	Brief Course Description
Research Methodology in Applied Sociology 0409610	The Research Curriculum course aims to introduce the student to the approved curricula in sociology as well as experimental and quasi-experimental designs, qualitative research, and procedural research, and it deals with the concept of experimental research, designs used in the field of scientific studies and research in sociology, and procedural steps in research and the tools and techniques used, such as building The questionnaire form, its arbitration, and conducting validity and reliability tests, as well as the interview and observation, and also the definition of the types of scientific research samples and how to choose them, and methods of verification of validity and consistency. The advanced stage, as the student learns to conduct both theoretical and applied research.
Practicum in Applied Sociology 0409680	The field training course in Applied Sociology aims to provide students with the opportunity to apply the theoretical concepts and research techniques they have learned in real-world contexts. This course allows students to work in diverse social environments, such as government and non-governmental institutions, research centers, or local communities, where they engage with contemporary social issues such as poverty, social inequality, violence, education, and social development. The field training involves conducting field studies, participating in community projects, and providing data-driven recommendations based on field observations. Students work within a team alongside experts in the field, learning how to collect, analyze, and interpret data in the context of social issues. They also learn how to propose sustainable solutions to social problems based on applied social research.
Applied Social Statistics 0409612	This course aims to introduce the science of social statistics, its applications, its importance and its role in facilitating the work of the social researcher in dealing with the research community, starting with sampling, how to tabulate, unload, classify and describe data (measures of central tendency and dispersion, forms of data distribution, degree and type of relationships between variables and the level of their measurement, significance and tests Manually and automatically) using one of the appropriate statistical programs, such as)STATA, EVIEWS, SPSS, SAS and many others), with the aim of providing the student with a range of experiences in his field of specialization to help him understand social phenomena and present the results of social research in a specific, clear, concise and accurate manner.
Sociological Theory 0409611	The course aims to bridge the abstract concepts and sociological theories with the world around us. It covers both classical and contemporary theory. Classical theory refers to the works of the “founding fathers”: Auguste Comte, Karl Marx, Max Weber, and Emile Durkheim who conceptualized the “society” as an object of analysis. Then, the course will explore several important theorists who bridge the gap between the “classical” and the “contemporary.” The course will then cover “contemporary theory,” exploring some of the key themes and debates that have characterized the profession from the mid-nineties until the present.
Sociology of Culture and Civilization 0409614	This course aims to provide a theoretical and methodological framework for analyzing and understanding the reciprocal relationships between culture and civilization within the social structure. The course focuses on examining how social, economic, and political factors influence the formation of culture and civilization and their evolving dynamics in various contexts. Students will learn to utilize theoretical tools and analytical techniques to investigate and assess cultural and civilizational phenomena through a critical sociological lens, emphasizing concepts such as cultural pluralism, respect for diversity, tolerance, peaceful coexistence, and the challenges of civilizational conflict. The course aims to enhance students' ability to address contemporary cultural and civilizational challenges and analyze their impact on social structure and relationships. It prepares them for in-depth studies of culture and civilization across diverse contexts.
Developmental Policy and Social Planning 0409613	The course deals with the study of development policies from its various definitions, prospects, fields and future within a methodology that takes into account contemporary developments that have come about in this field when preparing development policies and social planning in the strategic units of the individual person, family, institutions, and society. And building the student’s capabilities in introducing and diagnosing the social issues in question, building facts about them, designing a scientific strategy that leads to solving problems and drawing up a promising future policy for development, modernization and development and the ability to test, review, evaluate and improve steps and results and transfer them to social reality with the aim of effective implementation and empowering students with social strategic planning skills through innovative thinking. And creative ideas and the ability to build partnerships, communicate and exchange experiences to obtain the best results for the outputs of development policy and social planning.

Theories of Criminology 0409620	This course explores the study of criminal phenomena, starting with defining the concept of criminology and identifying its subject, which involves understanding the meaning of crime and the concept of the criminal in criminological studies. The course includes an examination of classical and contemporary theories and schools that explain the criminal phenomenon from various factors, with a focus on the social factor. It also addresses the motivating factors behind criminal behavior and teaches how to reconcile and critically analyze these intellectual schools in an advanced scientific manner. Additionally, the course covers how to apply these theories in controlling crime, delinquency, and prevention, using both traditional and contemporary examples. It also delves into cybercrimes, discussing their types, the theories explaining them, their forms, and methods to mitigate them.
Correctional and Penal Institutions 0409621	This course introduces the concept of reform-oriented approaches and the criminal justice system, along with its components, which include the police, courts, and prisons (rehabilitation and correctional institutions). It addresses the characteristics of correctional and punitive institutions and the behaviors practiced within them, as well as various planning methods, operational programs, their implementation, and monitoring. The course also explores theories and philosophies of punishment, its rehabilitative role, and its alternatives. Additionally, it highlights the philosophy of community reform and the importance of involving the local community and community policing in rehabilitating offenders. It examines methods of community reform, including monitoring (behavioral supervision of juveniles and adults). Furthermore, the course covers modern methods of guiding residents within correctional and rehabilitation centers, offering several options that can be adopted based on the individual's circumstances and the conditions of the counseling institution.
Victimology 0409622	Victimology is a field of criminology that studies victims and the psychological and social disturbances they experience due to exposure to planned or unplanned violence before, during, and after the criminal act. This course introduces the concept of victimology and explores its social, psychological, and economic effects. It focuses on theories of victimology, the relationship between the offender and the victim, the rights of crime victims, their compensation, and rehabilitation methods. Victimology also examines whether offenders are complete strangers, acquaintances, friends, family members, or even close relatives, and why a particular person or place was targeted. Finally, the course uses both empirical and theoretical data to draw conclusions about crime victims.
Sociology of Cybercrime 0409623	This course explores the phenomenon of cybercrime, focusing on its forms, causes, and the challenges it poses to individuals, organizations, and governments. Students will learn to identify and analyze various types of cybercrimes, including hacking, phishing, identity theft, and cyber terrorism. The course emphasizes the role of digital forensics, legal frameworks, and technological tools in combating cybercrime while addressing ethical, social, and global considerations. Practical exercises and case studies will prepare students to assess risks, develop prevention strategies, and apply investigative techniques in real-world scenarios.
Global Terrorism 0409624	The course addresses the definition of terrorism from the perspectives of states and international conventions advocating for counterterrorism. It highlights the difficulty of arriving at a precise definition of terrorism due to its diverse forms, such as murder, destruction of critical infrastructure, political terrorism, and religious terrorism. Despite the numerous laws enacted regarding terrorism and terrorists, as well as the proliferation of regional and international courts, the intensity of terrorism continues to escalate worldwide. This is partly because there is no consensus between international agreements and domestic laws on a definitive definition of terrorism. The course also sheds light on the concept of terrorism in language, Islamic jurisprudence, and the perspectives of legal scholars in civil law systems, as well as in counterterrorism laws and penal codes. Furthermore, it examines the social and legal nature of terrorist acts and their characterization under international law.

Sociology of Education: Theory and Application 0409630	This course examines the relationship between education and society through several key topics and core concepts in educational sociology. It defines educational sociology as a branch of sociology that studies how educational systems impact social structures. The course discusses theoretical approaches in educational sociology, focusing on the relationship between socialization and education, and highlights the role of schools as tools for transferring values and knowledge from one generation to another, along with the role of the family and community in the socialization process. The course also explores the impact of social variables such as globalization, technology, and cultural shifts on education, and how these factors contribute to shaping the educational system and its trends. It examines how education reflects social inequalities and works to reproduce them, with a focus on the challenges faced by the educational system in the United Arab Emirates in the modern era.
Qualitative and Quantitative Research Methods in Family and Educational Studies 0409631	This course aims to equip students with the knowledge and skills necessary to understand and apply both qualitative and quantitative research methods in family and educational studies. The course covers the basic principles and techniques used in both qualitative and quantitative research and explains how to choose the most appropriate method based on the research objectives and context. In the qualitative research section, students will explore various methods such as in-depth interviews, focus groups, and content analysis to gain a detailed understanding of social phenomena. In the quantitative research section, the focus will be on tools like surveys, statistical analysis, and experimental study designs to explore relationships and patterns in family and educational phenomena. Students will gain the skills required to design research studies, collect data, and analyze results, with an emphasis on applying these skills in family and educational research contexts. The course also encourages the development of critical thinking skills in interpreting and analyzing data from both types of research.
Family and Educational Crisis Management 0409622	This course provides an integrated understanding of crisis management within family and educational settings, it explores the theoretical foundations and practical applications of managing crises affecting families and educational institutions. The course emphasizes identifying potential crises, implementing preventive measures, and utilizing effective communication and decision-making strategies. Students will gain skills in assessing crisis impacts, developing intervention plans, and fostering resilience within families and learning communities. Case studies and real-world applications will enhance students' ability to handle crises constructively and support sustainable development in social and educational contexts.
Education and Social Innovation 0409633	This course examines the intersection of education and social innovation. It explores how innovative practices in education can address societal challenges and foster sustainable development. The course covers theoretical foundations, practical frameworks, and case studies, enabling students to develop solutions to real-world educational challenges through social innovation principles.
Family Counseling: Foundations and Practices 0409634	This course provides a comprehensive introduction to the fundamental principles and theories of family counseling, focusing on the role of the family in society and the application of counseling techniques to address family issues. The course includes the study of the evolution of family dynamics, the importance of family structure, and various counseling theories such as systems theory, structural family therapy, and intergenerational family therapy. It also covers parenting methods, marital counseling, and the impact of social, economic, and cultural factors on the family. The course enhances students' skills through case studies, research articles, and practical exercises to assess family issues and provide effective counseling. Emphasis is placed on integrating evidence-based approaches and applying them in real family environments, along with addressing professional ethics such as confidentiality, professional boundaries, and cultural competence. By the end of the course, students will acquire skills in using assessment tools and developing intervention strategies to promote family well-being.

Digital Research Methods and Data Analysis 0409640	This course aims to equip students with the knowledge and skills necessary to utilize the latest digital research and data analysis technologies, with a particular focus on contemporary social issues. Through practical projects based on real-world data addressing issues such as poverty, education, and health, students will apply the theoretical skills they have learned in practical and realistic contexts. The course is designed to enhance students' abilities to collect digital data, clean it, analyze it critically, and provide informed recommendations that contribute to solving social issues.
Urban Sociology and Digital Cities 0409641	This course offers a comprehensive exploration of the interdisciplinary perspectives on contemporary cities' challenges, emphasizing the role of digital technologies, big data, and urban analytics in shaping sustainable urban environments. Students will engage critically with the concepts and practices that underpin "smart city" initiatives globally. The course will examine how these technologies can be harnessed to improve urban infrastructure, enhance service delivery, and promote environmental sustainability in urban settings through lectures, case studies, and hands-on projects. Participants will develop a nuanced understanding of how applied sociology can inform and critique the development and implementation of smart city strategies, preparing them to contribute effectively to the planning and governance of modern cities. This course is ideal for those looking to influence urban development through policy-making, research, and application of advanced technological solutions in an urban context.
Artificial Intelligence and Society 0409642	This course aims to explore the relationship between artificial intelligence and society from a critical sociological perspective. It examines the impact of AI technologies on social structures, work, culture, and policies, with a focus on the ethical and regulatory issues associated with the application of these technologies. The course highlights the influence of AI in shaping social relationships and cultural norms, with a study of specific applications such as predictive algorithms, social robots, and generative systems like ChatGPT and Stable Diffusion. It provides students with the tools necessary to analyze and understand the societal implications of AI from the perspective of applied sociology, with an emphasis on ethical and social issues such as privacy, bias, and accountability. The course also aims to foster critical thinking in students to evaluate the potential benefits and risks of AI in shaping the future of digital societies.
Economic Sociology of Digital Platforms 0409643	This course explores the opportunities and challenges presented by digital platforms' growing influence in contemporary society. It introduces key concepts for understanding the platform model's distinctive economic, cultural, and technological features, positioning it as a transformative organizational form in the 21st century. Special emphasis is placed on algorithmic management, ratings and rankings, user evaluations, and regulatory politics. Students will critically evaluate the platform model and its political, economic, and cultural implications through interdisciplinary approaches, investigating its role in reshaping work, culture, and governance structures. The course combines lectures, seminars, and practical assignments to enable students to devise research strategies, analyze real-world case studies, and collaborate effectively in interdisciplinary teams. By engaging with these topics, students will develop the critical thinking and adaptive skills necessary to address platform economy challenges and work in diverse professional environments.
Digital Social Media 0409644	This course provides an in-depth study of digital social media within the context of applied digital sociology. It aims to explore the transformative effects of digital technologies on society comprehensively. Students will learn about the key theories related to digital society, social media, cybernetics, and others, with a focus on contemporary issues such as digital citizenship, digital activism, and cultural shifts resulting from mobile and algorithmic technologies. The course also equips students with analytical tools and research methodologies to study the social impacts and opportunities of digital environments. Through lectures, discussions, and applied projects, students will gain a deeper understanding of how digital systems shape social structures and contemporary interactions.

6- Master in Gifted and Talented Education

Program Overview

The Master's Program in Gifted and Talented Education aims to prepare academic and professional personnel capable of understanding the characteristics of gifted and talented students and designing interactive learning environments that address their psychological, educational, and social needs. The program adopts an integrated educational approach that combines theoretical knowledge with practical application. It is offered through two tracks: the Comprehensive Exam Track and the Thesis Track. The program comprises 33 credit hours, including specialized coursework and field training.
The program offers two study tracks:
1. Comprehensive Exam Track (2 years)
2. Thesis Track (2 years)

All courses are delivered through an integrated instructional model, enabling students to pursue their studies while maintaining their professional responsibilities. The program includes 33 credit hours covering coursework, a practicum, and either a comprehensive exam or a master's thesis.

Vision

To achieve regional and global leadership and excellence in preparing innovative specialists in the field of gifted and talented education who contribute to building innovative knowledge-based societies.

Mission

To provide high-quality graduate education that prepares qualified leaders and practitioners in the field of gifted and talented education through a stimulating learning environment, rigorous scientific research, and effective partnerships that contribute to the development of educational systems that support talent and creativity.

Program Goals and Program Learning Outcomes

Program Goals:

1. To prepare graduates equipped with advanced knowledge and skills in gifted and talented education.
2. To enhance the capacity for applied scientific research in the field of gifted education.
3. To develop the professional competencies of teachers and educational counselors in identifying and nurturing gifted students.
4. To support learning environments that foster creativity and critical thinking among gifted students.
5. To build research and community partnerships that contribute to improving policies and practices related to giftedness.

Program Learning Outcomes*

Upon completion of the Master of Arts in Applied Sociology program, students will be able to:

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Analyses contemporary educational theories and practices in the field of gifted and talented education and compares them.	K
2	Designs enrichment educational programs that align with the characteristics and needs of gifted students.	S
3	Applies scientific tools for identifying giftedness and talent across different educational settings.	S
4	Implements guidance and counselling plans that address the psychological and social needs of gifted students.	R
5	Evaluates the quality of educational programs for gifted learners using research-based standards and tools.	K, S, R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 (33) CR.H.\ Master in Gifted and Talented Education Program

Course	Course Title	Hrs	Prerequisites Courses	Pre. Req. Hrs
0403610	Introduction to Gifted Education	3		
0403611	Screening & Identification of Gifted Students	3	(0403610)	
0403612	Schoolwide Enrichment and Quality Education	3	(0403610)	
0403613	Gifted Program Design and Development	3	(0403610)	
0403614	Research Methods in Gifted Education	3	(0403610)	
0403615	Thinking Frameworks & Skills	3	(0403610)	
0403616	Training and Capacity Building in Gifted Education	3	(0403610)	
0403617	Guidance & Counseling in Gifted Education	3	(0403610)	
0403680	Practicum (Field Training)	3	(0403610) & (0403611) & (0403612) & (0403613) & (0403614) & (0403615) & (0403616) & (0403617)	

Students can select one Track only: Either 2 courses OR Thesis

Category : Track 1: Comprehensive Exam - 2 Elective Courses Hrs : 6

Course	Course Title	Hrs	Prerequisites Courses	Pre. Req. Hrs
0403620	Technology Integration in Gifted Education	3		
0403621	Creativity and Innovation in Gifted Education	3		
0403622	Social and Emotional Needs of Gifted Learners	3		

Category : Track 2: Thesis Hrs : 6

Course	Course Title	Hrs	Prerequisites Courses	Pre. Req. Hrs
0403691	Thesis 1	3		27
0403692	Thesis 2	3		

Program Guidance Plan (Track 1: Comprehensive Exam)

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 3	Semester 4
Introduction to Gifted Education	Gifted Program Design and Development	Training and Capacity Building in Gifted Education	Elective Course 1
Screening & Identification of Gifted Students	Research Methods in Gifted Education	Guidance & Counselling in Gifted Education	Elective Course 2
Schoolwide Enrichment and Quality Education	Thinking Frameworks & Skills	Practicum (Field Training)	Comprehensive exam
9 CH.	**9CH.**	**9 CH.**	**6 CH.**
18 CH.		**15 CH.**	
33 CH.			

Program Guidance Plan (Track 2: Thesis)

YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 3	Semester 4
Introduction to Gifted Education	Gifted Program Design and Development	Training and Capacity Building in Gifted Education	Thesis 1
Screening & Identification of Gifted Students	Research Methods in Gifted Education	Guidance & Counselling in Gifted Education	Thesis 2
Schoolwide Enrichment and Quality Education	Thinking Frameworks & Skills	Practicum (Field Training)	
9 CH.	**9CH.**	**9 CH.**	**6 CH.**
18 CH.		**15 CH.**	
33 CH.			

Brief Course Descriptions

Course Title & No.	Brief Course Description
Introduction to Gifted Education 0403610	Introduces definitions, characteristics, and needs of gifted and talented learners; surveys program models, identification principles, national and international frameworks, and ethics. Establishes foundations for advanced coursework.
Screening & Identification of Gifted Students 0403611	Covers multi-criteria screening and identification, psychometric concepts (reliability, validity), referral processes, and the use/interpretation of assessment tools with attention to equity and inclusive practices.
Schoolwide Enrichment and Quality Education 0403612	Explores schoolwide enrichment and differentiation to enhance quality teaching and learning for all, with planning for enrichment clusters, and implementation/ evaluation strategies.
Gifted Program Design and Development 0403613	Focuses on program design based on needs assessment, models, curriculum frameworks, policy development, budgeting, stakeholder engagement, and continuous program evaluation and improvement.
Research Methods in Gifted Education 0403614	Examines quantitative, qualitative, and mixed-methods designs relevant to gifted education; includes ethics, instrument design, data collection/analysis, and proposal writing.
Thinking Frameworks & Skills 0403615	Analyzes frameworks and strategies for critical, creative, and metacognitive thinking and applies them to classroom enrichment.
Training and Capacity Building in Gifted Education 0403616	Designs and delivers professional development, coaching, and mentoring for teachers and coordinators; addresses standards, change management, and capacity building at classroom, school.
Guidance & Counseling in Gifted Education 0403617	Addresses social-emotional development, perfectionism, motivation, counseling approaches, and family–school collaboration to support gifted learners' wellbeing.
Practicum (Field Training)0403680	Supervised field placement in gifted education settings. Students plan, implement, and evaluate enrichment/intervention activities, maintain documentation, and compile a reflective portfolio.
Technology Integration in Gifted Education 0403620	Integrates digital tools, platforms to enrich learning for gifted students; emphasizes ethics, accessibility, and the design of technology-enhanced tasks and assessments.
Creativity and Innovation in Gifted Education 0403621	Explores theories and assessment of creativity; develops strategies to nurture innovation through project-based learning, design thinking, and problem-finding/ solving in gifted contexts.
Social and Emotional Needs of Gifted Learners 0403622	Examines affective needs, SEL frameworks, resilience, peer relations, identity, and cultural considerations; plans school-family supports promoting wellbeing and healthy development.
Thesis 1 0403691	Thesis proposal development: comprehensive literature review, research questions, methodology, and ethics approval; culminates in a defended proposal.
Thesis 2 0403692	Data collection and analysis, thesis writing, and oral defense; produces a publishable-quality study aligned with program standards.

7- Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods

Program Overview

The PhD in Education: Arabic Language Curriculum and Instruction was designed to prepare highly qualified researchers and specialists for leadership roles in Arabic language education.

The program provides advanced knowledge of Arabic language teaching theories, innovative curriculum design, and the development of effective teaching and assessment strategies.

Additionally, it equips students with advanced research methodologies to address pressing educational challenges. The program also fosters collaboration with teachers, researchers, and policymakers to enhance the quality and sustainability of Arabic language education through innovation and technology. As such, it is an ideal choice for educators, curriculum developers, researchers, and policymakers seeking to drive a transformative impact on Arabic language education at both local and international levels.

Vision

To lead the development of Arabic language education through innovation, research, and technology, strengthening its cultural identity and global presence.

Mission

Preparing highly qualified researchers and specialists in Arabic language curricula and teaching methods by providing them with advanced knowledge, developing their skills in curriculum design, assessment methods, scientific research, and modern technologies. Additionally, the program enhances collaboration with relevant stakeholders to preserve the linguistic and cultural heritage, ensuring Arabic language education's sustainability in local and international educational contexts.

Program Goals and Program Learning Outcomes

Program Goals:

1. Provide students with advanced knowledge of Arabic language teaching theories and practices in their psychological, social, historical, and cultural dimensions.
2. Design, develop, and continuously evaluate innovative curricula for Arabic language education that meet the needs of diverse learners.
3. Utilize advanced quantitative and qualitative research methods to address pressing issues in Arabic language teaching.
4. Develop and implement innovative assessment and evaluation methods to enhance the effectiveness of Arabic language education.
5. Lead initiatives to improve the quality and sustainability of Arabic language teaching at various educational levels.
6. Contribute to high-quality independent research that supports the

development of Arabic language curricula and teaching methodologies.
7. Foster collaboration with teachers, researchers, and policymakers to preserve Arabic's linguistic and cultural heritage and enhance its global standing.
8. Develop innovative teaching and learning strategies, including culturally sensitive approaches, to enhance Arabic language education effectively.
9. Integrate advanced technologies into Arabic language teaching to promote innovation and personalize the learning experience for students.

Program Learning Outcomes*

Upon completion of the Master of Arts in Applied Sociology program, students will be able to:

S.No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Demonstrate advanced knowledge of theories and practices of Arabic language teaching with its various dimensions: psychological, social, historical, and cultural.	K. S
2	Designs, develops, and evaluates innovative curricula for teaching Arabic to diverse learners.	S
3	Applies advanced research methodologies, both quantitative and qualitative, to address pressing issues in Arabic language education.	S. R
4	Develops and implements innovative assessment and evaluation methods to enhance Arabic language teaching.	S. R
5	Manages initiatives to enhance the quality and sustainability of Arabic language teaching at various educational levels.	R
6	Engages in high-quality independent research that contributes to the development of Arabic language curricula and teaching practices.	S. R
7	Collaborates with educational stakeholders, such as teachers, researchers, and policymakers, to preserve the linguistic and cultural heritage of Arabic and promote its teaching worldwide.	R
8	Develops innovative teaching and learning strategies aimed at enhancing Arabic language teaching, including culturally responsive approaches.	S. R
9	Integrates advanced technologies into Arabic language teaching to foster innovation and personalization in teaching Arabic.	K. S
10	Prepares a scholarly dissertation adhering to the standards and ethics of scientific research for obtaining a Doctorate degree in the major of Arabic Language Curricula and Teaching Methods.	K. S. R

**Consistent with the National Qualifications Framework.*

Study Plan for Academic Year 2025/2026 (54) CR.H.\ Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods

Category: Core Compulsory Courses: Hrs.: 18

Course	Course Title	Hrs	Prerequisites Courses	Pre. Req. Hrs
0405700	Advanced Theories in Arabic Language Education	3	N. A	
0405710	Modern Strategies in Arabic Language Instruction	3	N. A	
0405720	Advanced Statistics for Quantitative and Qualitative Research	3	N. A	
0405730	Innovative Assessment and Evaluation Methods in Arabic Language Instruction	3	N. A	
0405740	Designing Arabic Language Materials for Diverse Learners	3	N. A	
0405750	Integrating Digital Technology in Arabic Language Teaching	3	N. A	

Category: Elective – Courses: Hrs.: 6

Course	Course Title	Hrs	Prerequisites Courses	Pre. Req. Hrs
0405701	Discourse Analysis in Arabic Language Instruction	3	N. A	
0405702	Strategic Leadership and Teacher Support	3	N. A	
0405703	Sustainability in Arabic Language Instruction	3	N. A	
0405704	Research Seminar in Arabic Language Curricula and Instruction	3	N. A	
0405705	Applications of Cognitive Psychology in Teaching Arabic Language	3	N. A	
0405706	Development of Arabic Language Curricula for Special Needs	3	N. A	
0405707	Scientific and Philosophical Concepts in Arabic Language Curricula	3	N. A	

Category: Ph.D Dissertation: Hrs.: 30

Course	Course Title	Hrs	Prerequisites Courses	Pre. Req. Hrs
0405790	Ph.D Dissertation 1	3		24 CR.H
0405791	Ph.D Dissertation 2	9	(0405790)	
0405792	Ph.D Dissertation 3	9	(0405791)	
0405793	Ph.D Dissertation 4	9	(0405792)	

Study Guidance: Doctor of Philosophy in Education - Arabic Language Curricula and Teaching Methods

First Year		Second Year		Third Year	
First Semester	**Second Semester**	**First Semester**	**Second Semester**	**First Semester**	**Second Semester**
Advanced Theories in Arabic Language Education	Advanced Statistics for Quantitative and Qualitative Research	Designing Arabic Language Materials for Diverse Learners	Comprehensive Examination	Dissertation Research Writing	Dissertation Research Writing
Modern Strategies in Arabic Language Instruction	Innovative Assessment and Evaluation Methods in Arabic Language Instruction	Integrating Digital Technology in Arabic Language Teaching			
	Elective 3	Elective 4	Dissertation Research Seminar		Dissertation Defense
6	**9**	**9**	**6**	**12**	**12**
24			**6**	**24**	
54					

Brief Course Descriptions

Course Title & No.	Brief Course Description
Advanced Theories in Arabic Language Education 0405700	This course covers advanced theories in language teaching, such as Noam Chomsky's Transformational-Generative Theory, Lev Vygotsky's Sociocultural Theory, and Jean Piaget's Theory of Cognitive Development. It examines their significance in acquiring Arabic as a first language and their educational applications in teaching it. Additionally, the course focuses on common challenges in Arabic language acquisition and explores theoretical perspectives related to the lexical and morphological richness and syntactic depth of the Arabic language, along with their impact on teaching Arabic and developing its curricula.
Modern Strategies in Arabic Language Instruction 0405710	This course focuses on evidence-based contemporary strategies for teaching Arabic to native speakers. It explores innovative approaches to teaching Modern Standard Arabic, with an emphasis on practical methods for enhancing language skills in speaking, listening, reading, and writing. Students will examine various pedagogical models, such as Communicative Language Teaching, Task-Based Learning, and Content-Based Instruction, and learn how to apply them in teaching Arabic. Additionally, the course trains students to analyze modern trends in Arabic language teaching, including the integration of intercultural, communication skills and the development of critical thinking and analytical writing in Arabic.
Advanced Statistics for Quantitative and Qualitative Research 0405720	This course provides an overview of advanced statistical methods used in quantitative research, focusing on analyzing differences between groups and the application of analysis of variance, including analysis of covariance, within the context of Arabic language education. Students will learn how to analyze data using techniques such as Analysis of Variance (ANOVA), Multivariate Analysis of Variance (MANOVA), and Analysis of Covariance (ANCOVA), which are essential for understanding the effects of different teaching methods or curricula on various groups of Arabic language learners. Additionally, the course covers non-parametric statistical applications, specifically designed for small-sized samples, enabling students to conduct statistical analyses when the assumptions of parametric tests are not met. It introduces statistical methods such as the Mann-Whitney U test, Kruskal-Wallis test, and Wilcoxon signed-rank test as alternatives for data analysis with small samples. The course also addresses the selection of appropriate sampling types (e.g., random, stratified, convenience) and how to assess sample size requirements for robust statistical analysis.
Innovative Assessment and Evaluation Methods in Arabic Language Instruction 0405730	This course examines the nuanced distinctions between fundamental concepts in language assessment, such as proficiency tests, achievement tests, and placement tests, and explores how these concepts influence the design and implementation of assessment tools. It emphasizes the critical importance of accurately applying these concepts when evaluating learners' abilities at various stages of their language development. Furthermore, the course explores innovative methods for assessing listening, reading, writing, and grammar skills. The focus extends beyond evaluating grammatical knowledge to assessing the application of grammar in authentic communicative contexts. Writing is evaluated in terms of content and form, considering elements like coherence, cohesion, and style. Reading assessments focus on comprehension, inferencing skills, and the ability to analyze texts. Similarly, listening assessment measures not only auditory comprehension but also the ability to respond appropriately to spoken Arabic in real-life situations.
Designing Arabic Language Materials for Diverse Learners 0405740	This course also addresses the fundamental concepts involved in materials design, such as distinguishing between textbooks, activity books, teacher's guides, and supplementary resources. It explores how each of these instructional materials serves a unique purpose in language teaching and how to select the most appropriate format for different learning contexts. The course focuses on the principles and practices of designing Arabic language teaching materials tailored to meet the needs of learners of various ages, proficiency levels, and cultural backgrounds, including those with special educational needs such as gifted and talented students. A key emphasis is placed on developing materials that engage learners through relevant content, diverse formats, and multimedia approaches. Furthermore, the course provides practical training, enabling students to design, adapt, and refine instructional materials that support language development across all four skills—listening, speaking, reading, and writing—grounded in modern pedagogical theories such as Task-Based Learning, Content-Based Instruction, and Differentiated Instruction.

Integrating Digital Technology in Arabic Language Teaching 0405750	This course focuses on utilizing digital technology to enhance language skills, including vocabulary acquisition, grammar practice, and the mastery of reading and writing through a variety of digital tools and platforms. These encompass Learning Management Systems (LMS), Artificial Intelligence (AI), and its applications in Arabic language teaching, such as Natural Language Processing (NLP) and speech recognition. A special emphasis is placed on the role of AI in personalized learning and AI-driven conversation, as well as on digital assessment tools and the design of digital learning activities. The course equips students with the necessary skills to effectively integrate digital technology and artificial intelligence into Arabic language instruction, thereby enriching both teaching and learning experiences.
Discourse Analysis in Arabic Language Instruction 0405701	This course examines the ways in which language is used in different contexts, with a focus on the structure, meaning, and function of communication in Arabic. It covers key theoretical frameworks and methodologies in discourse analysis, including conversation analysis, pragmatic, and sociolinguistic theories. The course also emphasizes the role of discourse in language acquisition and its applications in teaching Arabic to native speakers. It involves analyzing authentic Arabic texts from various genres—such as literature, media, and everyday conversations—to identify patterns and linguistic features critical for effective communication. Through this, students will learn to apply discourse analysis to enhance Arabic language instruction, design contextually relevant teaching materials, and develop strategies for fostering learners' communicative competence.
Strategic Leadership and Teacher Support 0405702	This course examines the concept of strategic leadership in comparison to different leadership models, such as transformational leadership, transactional leadership, and distributed leadership, highlighting the distinctive features of strategic leadership. Strategic leadership is characterized by a long-term vision, proactive decision-making, and the alignment of resources to achieve educational objectives. In contrast to transactional leadership, which focuses more on short-term tasks and rewards, strategic leadership emphasizes change management, innovation, and fostering a culture of continuous improvement. The course places special emphasis on the unique role of strategic leadership in shaping educational outcomes and enhancing the performance of Arabic language teachers. It also trains students to apply the principles of strategic leadership to support and empower teachers, improve instructional practices, and enhance student outcomes in Arabic language education.
Sustainability in Arabic Language Instruction 0405703	This course explores fundamental concepts related to sustainability, such as resilience, continuity, equity, adaptability, and resource optimization, along with examining how to integrate sustainability into the content of Arabic language teaching curricula. It focuses on designing and implementing long-term curricula while ensuring cultural relevance and adaptability to changing needs. The course also reviews strategies for creating inclusive, learner-centered environments that promote sustainable language education. Case studies will be analyzed to illustrate best practices in maintaining and developing Arabic language programs over time.
Research Seminar in Arabic Language Curricula and Instruction 0405704	This course focuses on the practical application of research methodologies, guiding students in refining their thesis topics, research questions, and methodological approaches while receiving feedback from peers and instructors. It addresses common research pitfalls and their solutions, as well as frequent statistical errors in data analysis within academic dissertations and strategies to avoid them. The course also covers techniques for enhancing academic writing and effectively applying scientific research methods. It provides a collaborative environment for students to strengthen their research skills and advance their thesis work.
Applications of Cognitive Psychology in Teaching Arabic Language 0405705	This course examines the application of principles from cognitive psychology to the teaching of Arabic, focusing on the role of cognitive processes such as attention, memory, perception, and problem-solving in language acquisition. It explores key cognitive concepts relevant to Arabic language instruction, including the mental lexicon, cognitive grammar, and construction grammar, among other concepts introduced by cognitive psychology. The course also covers cognitive strategies in language teaching, such as visualization, chunking, and semantic mapping. It addresses the importance of repetition and distributed practice in vocabulary acquisition, reading comprehension, and speaking proficiency. Additionally, the course introduces memory aids to enhance retention, techniques for managing cognitive load, and methods for presenting linguistic material in ways that avoid cognitive overload while optimizing learners' cognitive resources and abilities.

Development of Arabic Language Curricula for Special Needs 0405706	This course addresses the importance of adapting Arabic language instruction to meet the needs of students with determination. It covers principles and strategies for developing Arabic curricula specifically designed for individuals with learning difficulties and various disabilities, including dyslexia, hearing impairment, autism spectrum disorders, and slow learning. The course explores theoretical frameworks and practical approaches for creating inclusive curricula that ensure equitable access to Arabic language learning opportunities. Additionally, it examines instructional differentiation, individualized education plans, and the use of assistive technologies, with a focus on understanding how different disabilities impact language acquisition and how to modify content, materials, and teaching strategies accordingly. The course also encompasses strategies for inclusive integration, supporting the development of reading, writing, speaking, and listening skills through multisensory learning techniques and differentiated assessments. These approaches aim to promote the success and engagement of students with special needs in mainstream educational settings.
Scientific and Philosophical Concepts in Arabic Language Curricula 0405707	This course examines the key scientific and philosophical concepts and principles in Arabic language curricula, such as the concept of language and its role in promoting cultural identity and preserving heritage, the role of Arabic in thinking and knowledge representation, the varieties of Modern Arabic and local dialects, and the fundamental characteristics of Arabic, including its lexical and morphological richness and syntactic depth. It also addresses the importance of maintaining Standard Arabic as a common linguistic reference. The course further explores a comprehensive approach that integrates linguistic, cultural, and ethical dimensions in language teaching. It investigates important issues in Arabic language education, such as the philosophy of Arabic language evolution, and balancing authenticity with modernity.
Ph.D Dissertation 1 0405790	This course comes as a first step in the PhD dissertation process. It aims to give the student the opportunity to choose an appropriate title for the dissertation.
Ph.D Dissertation 2 0405791	This course aims to enable the student to collect related literature and references that help in preparing data collection tools in the best possible manner.
Ph.D Dissertation 3 0405792	This course aims to assist student in writing the theoretical framework and applying the dissertation's instruments for data collection.
Ph.D Dissertation 4 0405793	This course seeks to help student present the data obtained after applying the instruments, then analyze and interpret the results, and subsequently submit the complete dissertation for discussion.

Policies and Procedures on Projects, Theses and Dissertations

1. Title Selection:

- The title is chosen collaboratively by the student and their supervisor. It must be contemporary, original, and relevant to the field of specialization. The proposed title is then submitted to the program council and the graduate studies committee for review and approval following a discussion with the supervisor.

2. Completion of the Study Plan:

- The study plan, designed by the Deanship of Scientific Research and Gradu-ate Studies, must be completed. It provides a concise overview of the study's five chapters, organized as follows:

Chapter One: Background and Significance
This chapter includes an introduction, the study's problem and research questions or hypotheses, objectives, scope and limi-tations, and operational definitions of key terms.
Chapter Two: Theoretical Framework and Literature Review
This chapter is divided into two sections: theoretical literature and related studies, both Arabic and international.
Chapter Three: Methodology and Procedures
This chapter details the study's methodology, the population and sample, study instruments, procedures for ensuring validi-ty and reliability, study variables, data collection procedures, and concludes with the appropriate statistical methods.
Chapter Four: Results
This chapter presents the study's findings, addressing the re-search questions or hypotheses, and includes tables and charts to illustrate the results.
Chapter Five: Discussion and Recommendations
This chapter discusses the findings in relation to the research questions or hypotheses, incorporating the researcher's inter-pretation and linking the results to the theoretical framework and related studies, highlighting agreements and discrepan-cies.
References
A comprehensive list of sources in both Arabic and English is provided.

3. Submission and Approval:

- Upon completion, the study plan is submitted to the program council and the graduate studies committee for review and approval. Once approved, the student may commence writing the thesis.

Academic Staff - College of Education, Humanities and Social Sciences

Name	University of Graduation	Rank
Master of Education in Arabic Language Curricula and Instruction		
Ibtehal Mahmoud Aburezeq	University of Washington, USA	Professor
Suad Abdelkareem Al Waely	Bagdad University, Iraq	Professor
Mohamed Elsayed Elzeiny	Mansoura University, Egypt	Professor
Omran Ahmad Musleh	International Islamic University - Malaysia	Associated Professor
Hatem Ahmed Alqudah	The University of Huddersfield/ UK	Associated Professor
Postgraduate Professional Diploma in Teaching Program		
AbedelHakeem yasin hejazi	Kazan State Pedagogical University, Russia	Professor
Mahmoud Fisal Ali Alquraan	The University of Alabama - USA	Professor
mohammad salman alkhazaleh	University of Jordan	Professor
Hani yousef jarrah	Amman Arab University	Associated Professor
Enas Saeed AbuLibdeh	University of Malaysia, Malaysia	Associated Professor
Wafa' Abdelmahdi Hazaymeh	Yarmouk University	Associated Professor
Eman Ali Zaitoun	University of Jordan	Assistant Professor
Suzan Mahmoud Alabidi	Plymouth State University/USA	Assistant Professor
Jihan M I Yousef	Al Mansoura University (EGYPT)	Assistant Professor
Azhar Hasan Shater	University of Jordan	Assistant Professor
Munther Yousef Balawi	Yarmouk University	Assistant Professor
Maram Salah Jaradat	Wichita State University- USA	Assistant Professor
Sherin M.S. Abushamon	United Arab Emirates University (UAE)	Assistant Professor

Hanan Shaher Almarashdi	United Arab Emirates University (UAE)	Assistant Professor
Khaleel Shehadeh Alarabi	United Arab Emirates University (UAE)	Assistant Professor
Asmaa al mahdawi	Yarmouk University	Assistant Professor
Abdellateef Abdelhafez ALQawasmi	Amman Arab University	Assistant Professor
Abdeldjalil Bouzenoun	University of the West of Scotland - United Kingdom	Assistant Professor
Tareq Najeeb Alkhasawneh	Amman Arab University	Assistant Professor
Bilal Fayiz Obeidat	Wichita State University- Kansas-USA	Assistant Professor
Sura Sami Qiqieh	University of Liverpool, United Kingdom	Assistant Professor
Rami Abdallah	UAE/ British university in Dubai with partnership from university of Glasgow	Assistant Professor
Dima Farhat	University of Exeter (United Kingdom)	Assistant Professor
Abdoulaye Kaba	Pondicherry University, India	Assistant Professor
Samer Adnan Abdel Hadi	University of Jordan- Jordan	Associated Professor
Mona Kamal Ibrahim	The University of Manchester-United Kingdom	Associated Professor
Dr. Majed Saleem El-Saleh	University of Jordan	Associated Professor
Abdelghani Amar Remache	Cardiff University. UK	Associated Professor
Hanene Lahiani	University of Manouba Tunisia	Associated Professor
Elham Taha Hussein	Purdue U/USA	Associated Professor
Jamal H. Abu-Attiyeh	Miami University of Ohio, Oxford, Ohio, USA	Assistant Professor
Shirin saleh alodwan	Yarmouk University	Assistant Professor

Laboratories

No	Laboratory	Covered Courses	Contents
1	Digital Language Labs	This laboratory covers the practical part related to listening, speaking, writing, linguistics, phonetics, phonology, morphology, translation, and instructional technology courses	Each digital language laboratory is air conditioned and fully equipped with 25 multimedia computers with necessary seats and furniture for the instructor and students, data show device, screen and other related equipment, items, and language software. All computers are connected to the Internet.
2	Microteaching Lab	This laboratory covers the practical part of the methods of teaching courses	The laboratory is divided into two separate air conditioned sections for males and females. The laboratory also contains an isolated small room with blind observation window that has console with mixing, editing, and recording functions. Each separate section of the lab has a digital monitor, camera; data show device, and screen, as well as necessary seats and furniture for instructor and students.
3	Multimedia Computer Labs	This laboratory covers practical parts of instructional technology courses	Each computer laboratory is air conditioned and fully equipped with 25 multimedia computers with necessary seats and furniture for the instructor and students, data show device, screen and software. All computers are connected to the Internet.

Community Engagement

As part of its social responsibility towards the UAE society, the College of Education, Humanities and Social Sciences at AlAin University is rendering high-standard services for the local community. In order to achieve this, the College of Education, Humanities and Social Sciences provides several activities including training, workshops, seminars, and others. The following items are part of the continuing effort by the College of Education, Humanities and Social Sciences members to serve the community.

- Establish a cooperative program of activities with Al Ain Center for Special Needs, including:
    - ♦ Workshops for special needs teachers.
    - ♦ Workshops about inclusion at schools for special needs students.
    - ♦ Joint educational and psychological research.
    - ♦ Special home visits to identify social and psychological problems that affect special need students and provide advisement for remedy.
- Workshops about educational assessment that include the following:
    - ♦ Educational outcomes.
    - ♦ Comprehensive evaluation in schools.
    - ♦ Educational feedback.
    - ♦ Student homework.
    - ♦ Portfolios.
- A program of workshops about integrating educational technology in the curricula of governmental and private schools:
    - ♦ Build and maintain school websites.
    - ♦ E-learning applications.
    - ♦ Cloud computing in education.
    - ♦ Web 2.0 applications in education.
    - ♦ Using internet for educational research.
    - ♦ Using free online services for educational purposes.
    - ♦ New trends in ICT applications for educators.
- General workshops for different purposes which include:
    - ♦ Multiple intelligences.
    - ♦ Strategic planning.
    - ♦ Action research.
    - ♦ Active learning.
    - ♦ Common mistakes in Arabic language.
    - ♦ Knowledge management.
- Field trips to local institutions and companies that include the following:
    - ♦ Abu Dhabi Department of Education and Knowledge.
    - ♦ Zayed Cultural and Heritage Center
    - ♦ Family Development Foundation

COLLEGE OF BUSINESS

About the College

The College of Business (COB) was established in September 2005 at the Al Ain Campus (2008 at the Abu Dhabi Campus). The College of Business grew rapidly and is now the University's second-largest College. Currently, COB offers a Bachelor of Business Administration (BBA) in seven majors to provide excellent business education to the builders of tomorrow, the men and women who will shape the future of business locally and internationally. The seven majors in the bachelor program are Management, Accounting, Finance and Banking, Marketing, Human Resource Management, and Management Information Systems, and Business Analytics.

The College offers a comprehensive Master of Business Administration (MBA) in General Management, with the flexibility to focus on Business Analytics, Healthcare Management, or Project Management. Students may also pursue the innovative Master of Science (M.Sc.) in Business Data Analytics or aspire to executive-level expertise through the distinguished Doctor of Business Administration (DBA) program. All of our programs are fully accredited by the Ministry of Education, ensuring the highest standards of academic quality and professional recognition.

COB has obtained accreditation from the world's most coveted accreditation agency in business education, i.e., The Association to Advance Collegiate Schools of Business (AACSB). AACSB accreditation represents the highest standard of achievement for business schools in teaching, scholarship, and community engagement worldwide. With a very strong sponsorship of the AAU administration, COB is actively working to take its teaching, scholarly, and community engagement activities to the next level.

COB keeps in touch with its alumni and is always keen to keep the lines of communication open. Many of our alumni have found good jobs, and most already working were promoted. Some of our alumni returned to pursue their graduate studies.

Dean’s Message

I am proud that the College of Business at Al Ain University earned the prestigious accreditation from the Association to Advance Collegiate Schools of Business (AACSB) International in February 2022. This recognition places us among an elite group of fewer than six percent of business schools worldwide that meet AACSB's rigorous standards. Today, we stand alongside leading universities in over 65 countries and territories, united in our commitment to providing high-quality business education.

AACSB accreditation results from years of perseverance and teamwork by the highly dedicated College of Business faculty and staff. It affirms what we have recognized: Al Ain University business students are among the best and brightest, with a drive and determination to become entrepreneurs, business leaders, and lifelong learners.

The College of Business (COB) at Al Ain University prepares students for leadership roles, fosters entrepreneurial growth, and conducts impactful research that enhances business practices. Undergraduate and graduate students acquire transferable skills and knowledge that prepare them to lead effectively.

The College's faculty, drawn from around the world, achieves rigorous standards in teaching effectiveness, research productivity, and impactful community service. The College attracts motivated students and engages them in the highest level of state-of-the-art business education.

Recognizing that career paths change, the College offers a Bachelor's program in seven majors: Management, Accounting, Finance and Banking, Marketing, Human Resources, Management Information Systems, and Business Analytics. We also offer an MBA program in general management with three focus areas: Business Analytics, Healthcare Management, and Project Management. Our faculty engages undergraduate and graduate students in their research and provides them with experiential learning opportunities, including case studies, client projects, and internships, to prepare students to become leaders in their field of study.

The College has launched two new graduate programs: the Master of Science (MSc) in Business Data Analytics and the Doctor of Business Administration (DBA) from the current academic year 2025-2026. These additions demonstrate our commitment to offering advanced, future-focused education that addresses the evolving needs of business and industry.

Furthermore, students are encouraged to develop and test their business ideas through support in our "Fundamentals of Innovation and Entrepreneurship" course, which is offered in conjunction with an incubation facility. The College of Business at Al Ain University is dedicated to providing our students with a highly engaging educational experience that enables them to utilize their enhanced knowledge, skills, abilities, and confidence to become entrepreneurs and business leaders of tomorrow, making a noticeable impact on the local and regional community.

The College of Business is proud to be a signatory of the United Nations Principles for Responsible Management Education (UNPRME). This commitment reflects our dedication to integrating sustainability, ethics, and social responsibility into our teaching, research, and community engagement. By aligning with UNPRME, we reaffirm our commitment to developing future leaders who will bring a responsible mindset and make a positive contribution to business and society, both locally and globally.

I am thrilled to welcome you to the College and encourage you to take advantage of its numerous opportunities.

Vision

“To be a leading provider of high-quality business education in the UAE.”

Mission

“We develop responsible business leaders in a student-centric environment through innovative teaching, impactful research, and engaging community service.”

Values

- Students come First: The students' success is our COB success.
- Innovation and Excellence: We are committed to continuous development.
- Accountable Educators: Academic management is achieved by knowing how to do the right things and doing things right in an atmosphere of open disclosure.

- Collegiality: We encourage transparency in our decision-making through a shared governance process based on faculty, staff, and student interactions.
- Business Partnership: Involve the business community as our partners in developing cutting-edge business education.
- Diversity: We value the opportunity to work, learn, and develop in a community that embraces the diversity of individuals and ideas.
- Integrity and Ethics: We are committed to ethical and responsible behavior in our actions and to developing the same commitment in our students by promoting the awareness of professional ethical responsibilities.
- Responsibility: We commit to being responsible and accountable in our operations at all levels, including assessment and continuous improvement of our academic programs and transparency in our strategic and operational levels.

Strategic Goals

- Strengthen the commitment to deliver quality academic programs in a learner-centric environment.
- Attract, retain, and graduate highly diverse and employable learners.
- Recruit, retain, and develop diverse and qualified faculty members.
- Develop a strong COB academic brand.
- Engage with the local and regional communities through need and aspiration-based activities.
- Promote impactful research and scholarly activities addressing the needs of the dynamic business environment.

Objectives

1. Provide students with a high-quality education at internationally approved standards, to enable them to make successful managerial decisions at required levels of managerial competencies.
2. Prepare highly skilled graduates to meet the market demand for professional managers in all business functions.
3. Enhance students' business professional skills needed for sound decision-making process at relevant managerial positions in all types of organizations.)
4. Help students to build the personal professional value system necessary to conduct business and take decisions according to high ethical standards of business conduct.

BBA Learning Outcomes:

The BBA Learning Outcomes (PLOs) have been developed in accordance with the Qualification Framework Emirates (QFE Level 7). On successful completion of this program, graduates will be able to:

No.	Program Learning Outcomes	Aligned with L7 QFE Descriptors
1	Demonstrate basic knowledge of the principles, concepts, and skills in the field of study.	QFE 1, 3
2	Apply quantitative, analytical and information technology skills to solve practical business problems.	QFE 2, 4
3	Demonstrate critical thinking skills to identify and evaluate practical approaches and strategies to solving problems in local and global business environment.	QFE 2, 4, 5
4	Evaluate and implement research tools and strategies to analyze business problems and opportunities.	QFE 5, 8
5	Demonstrate autonomy and responsibility in self-directed work and personal development.	QFE 9
6	Collaborate effectively and professionally in diverse teams as both members and leaders to reflect on personal and professional practice and development.	QFE 6, 7, 10
7	Communicate effectively in a business context, orally and in writing, in a clear, concise, coherent and professional manner using appropriate presentation technology.	QFE 8
8	Consistently act in a professional, respectful, honest, fair and reasonable manner and to apply ethical principles and logical reasoning to make and justify business decisions.	QFE 11

College Council

No.	Name	Title
1	Prof. Zafar Husain	Chair
2	Dr. Iffat Sabir	Member
3	Dr. Jamil Razmak	Member
4	Dr. Mohammad Al-Omari	Member
5	Dr. Riham Muqattash	Member
6	Prof. Belkacem Athamena	Member
7	Dr. Mohammad Sharairi	Member
8	Dr. Kholoud AlQiesi	Member
9	Dr. Mosab Tabash	Member
10	Prof. Habib Chabchoub	Member

Academic programs

I- Bachelor of Business Administration (BBA Program)

A- Management Major

The Management major is most appropriate for students with a broad interest in management rather than a single area. The Management major prepares students for careers as leaders of all business organizations, including public, private, and non-profit.

B- Accounting Major

The undergraduate degree in Accounting major is the gateway to private practice through accounting firms. Young graduates can obtain professional certificates (e.g., CPA, ACCA, CMIA, CA, CMA, CIA), which open unlimited career opportunities. The accounting major provides its graduates with many job opportunities as financial accountants, auditors, governmental accountants, and accounting information systems designers and developers.

The BBA - Accounting Major is recognized by the Institute of Management Accountants (IMA) and is approved for endorsement under the IMA's higher education endorsement program. This recognition by the IMA places the College of Business among 100 business schools worldwide and among10 in the Middle East. The IMA's higher education endorsement program signifies that the recognized accounting program provides the rigorous curriculum aligned with the CMA exam needed for students to prepare for the CMA exam and successful careers in management accounting. In addition, the program allows students to participate in IMA Global Board activities and have opportunities to network with high- level professionals, executives, and IMA volunteers.

The benefits for students also include Career Readiness in terms of preparation for careers in Management Accounting and beyond and the opportunity to apply for the IMA Student Leadership Experience Program, an exclusive benefit for endorsed schools. CMA Endorsement also benefits the students by enhancing their employment opportunities because their study program curriculum is reviewed to ensure comprehensive coverage.

Al Ain University has also received prestigious endorsement from the Institute of Chartered Accountants in England & Wales (ICAEW) for its BBA in Accounting programme. This recognition allows students and graduates to receive four exemptions towards the highly respected ICAEW ACA (Associate

Chartered Accountant) qualification, providing them with a strong foundation for a successful career in finance and accounting.

C- Finance and Banking Major

Al Ain University's BBA in Finance and Banking major aims to provide the students with knowledge and skills that will equip them with the contemporary theories and applications in all topics of corporate finance, investments, and financial markets and institutions to prepare them to be successful business executives in both industrial and service firms throughout the United Arab Emirates and Gulf region.

The professional career of our Finance and Banking students showed great promise. The program provides them with many career opportunities: corporate financial officers, financial analysts, brokers, portfolio managers, bankers, and insurance officers.

D- Marketing Major

This major is specialized in providing marketing knowledge and skills to allow our students to prosper in today's global business environment. It provides a balanced mix of courses assessed through practical assignments, examinations, and other assessment tools. The mixed courses lead students to understand marketing processes and situations in structured and complex business environments, communicate effectively, and think independently and critically.

E- Human Resource Management Major

The Human Resource Management major is designed to prepare human resource professionals to deal with the complexities and challenges of managing today's workforce. As business and society have grown more complex, the demand for trained managers and leaders has increased. Increasingly, organizations are hiring well-trained professionals to recruit, develop, manage, and retain their most valuable business asset – human resources. This Major is designed to offer a practical knowledge base for students interested in pursuing a career in human resource management.

The BBA-HRM Major is aligned with the Society for Human Resource Management (SHRM) HR Curriculum since January 2023. Throughout the world, over 500 programs in approx. 425 educational institutions have been

acknowledged by SHRM as being in alignment with its suggested guides and templates. The HR Curriculum Guidebook and Templates are part of SHRM's

Academic Initiative to define HR education standards taught in university business schools.

F- Management Information Systems Major

Information systems are used in virtually every profession. Management Information Systems are the study of technology's role in making strategic business decisions. If Information Systems is a technology field that extends into business, then Management Information Systems is a business field that extends into technology. The MIS professional views issues from a global perspective that encompasses the entire organization and the broader industry and business environment in which it operates.

G - Business Analytics

The Business Analytics major within the Bachelor of Business Administration (BBA) program is designed to equip students with the analytical skills and strategic insights necessary for data-driven decision-making in today's dynamic business environment with a management perspective. This major provides a robust foundation in critical areas such as data management, statistical analysis, predictive modeling, business intelligence, and data mining, which are essential for translating complex data into actionable strategies that drive organizational success.

Study Plan for Academic Year 2025/2026 (123 CR.H)
BBA in Management

Course No.	Course Title	CR.H.	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120B	English (1)	3	
0401121B	English (2)	3	0401120B
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (57) CR.H.			
0501200	Principles of Management	3	
0501210	International Business Management	3	0501200 0509200
0501250	Business Leadership	3	0501200
0501306	Quantitative Business Analysis	3	0508201
0501330	Organizational Behavior	3	0501200
0501410	Business Law and Ethics	3	0501200
0501440	Strategic Management	3	0501330
0501480	Quality Management	3	0504200
0501481	Production and Operations Management	3	0508201
0502200	Principles of Financial Accounting	3	
0502230	Principles of Managerial Accounting	3	0502200
0503300	Principles of Financial Management	3	0502200
0504200	Principles of Marketing Management	3	0509210
0506200	Principles of MIS	3	0102120
0507290	Artificial Intelligence in Business	3	0508201
0508200	Math for Business	3	
0508201	Statistics for Business Decision-Making	3	0508200
0509200	Principles of Macroeconomics	3	
0509210	Principles of Microeconomics	3	

Course No.	Course Title	CR.H.	Prerequisite
Third: Specialization Courses (30) CR.H.			
(1) Compulsory Courses (21) CR.H.			
0501320	Small Business Management	3	0504200 0501330
0501350	Leadership for Managers	3	0501330
0501360	Managing Performance	3	0501200
0501430	Organization and Job Design	3	0501330
0501431	Organizational Communication	3	0501330
0501470	Innovation Management and Creativity	3	0501330
0501491	Contemporary Management Practice	3	0501200
(2) Elective Courses (9) CR.H.			
0501361	Change Management	3	0501200
0501362	Healthcare Management	3	0501200
0501432	Negotiation	3	0501200
0501433	Corporate Social Responsibility	3	0501200
0501482	Supply Chain Management	3	0501481
0501485	Advanced Artificial Intelligence in Management	3	0507290
Fourth: Practical Training (3) CR.H.			
0501490	Internship (Management)	3	>= 90 CR.H.

Guidance Plan / BBA in Management

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**
Computer Skills (0102120)	Science and Life (0201111)	Fund. of Innovation and Entrepreneurship (0501170)	Scientific Research Methodology (0508203)	Small Business Management (0501320)	Managing Performance (0501360)	Organization and Job Design (0501430)	Contemporary Management Practice (0501491)
English (1) (0401120B)	English (2) (0401121B)	UAE Studies (0409103)	GUE Elective 1	Organizational Communication (0501431)	Innovation Management and Creativity (0501470)	Leadership for Managers (0501350)	Internship (Management) (0501490)
Arabic Language (0405100)	Islamic Culture (0406110)	Principles of Financial Accounting (0502200)	Principles of Managerial Accounting (0502230)	Artificial Intelligence in Business (0507290)	SPC. Elective 1	SPC. Elective 2	SPC. Elective 3
Principles of Management (0501200)	Organizational Behavior (0501330)	Principles of MIS (0506200)	Principles of Microeconomics (0509210)	Principles of Financial Management (0503300)	Quantitative Business Analysis (0501306)	Production and Operations Management (0501481)	Quality Management (0501480)
Math for Business (0508200)	Statistics for Business Decision-Making (0508201)	Principles of Macroeconomics (0509200)	Principles of Marketing Management (0504200)	International Business Management (0501210)	Business Leadership (0501250)	Business Law and Ethics (0501410)	Strategic Management (0501440)
					GUE Elective 2		
15 CH	**15 CH**	**15 CH**	**15 CH**	**15 CH**	**18 CH**	**15 CH**	**15 CH**
30 CH		**30 CH**		**33 CH**		**30 CH**	
123 CH							

Study Plan for Academic Year 2025/2026 (123 CR.H)
BBA in Accounting

Course No.	Course Title	CR.H	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120B	English (1)	3	
0401121B	English (2)	3	0401120B
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0508103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (57) CR.H.			
0501200	Principles of Management	3	
0501210	International Business Management	3	0501200 0509200
0501250	Business Leadership	3	0501200
0501306	Quantitative Business Analysis	3	0508201
0501330	Organizational Behavior	3	0501200
0501410	Business Law and Ethics	3	0501200
0501440	Strategic Management	3	0501330
0501480	Quality Management	3	0504200
0501481	Production and Operations Management	3	0508201
0502200	Principles of Financial Accounting	3	
0502230	Principles of Managerial Accounting	3	0502200
0503300	Principles of Financial Management	3	0502200
0504200	Principles of Marketing Management	3	0509210
0506200	Principles of MIS	3	0102120
0507290	Artificial Intelligence in Business	3	0508201
0508200	Math for Business	3	
0508201	Statistics for Business Decision-Making	3	0508200
0509200	Principles of Macroeconomics	3	
0509210	Principles of Microeconomics	3	

Course No.	Course Title	CR.H	Prerequisite
Third: Specialization Courses (30) CR.H.			
(1) Compulsory Courses (21) CR.H.			
0502310	Intermediate Accounting 1	3	0502200
0502320	Intermediate Accounting 2	3	0502310
0502330	Taxation Accounting	3	0502310
0502340	Cost Accounting	3	0502230
0502350	Accounting Information Systems	3	0502310
0502360	Government Accounting	3	0502200
0502460	Auditing	3	0502320
(2) Elective Courses (9) CR.H.			
0502210	Computerized Accounting	3	0502320 0502350
0502420	Financial Statement Analysis	3	0502320
0502470	Operational Auditing	3	0502460
0502471	International Accounting	3	0502320
0502481	Advanced Accounting	3	0502320
0502482	Accounting Analytics	3	0502320
0502485	Artificial Intelligence in Accounting	3	0507290
Fourth: Practical Training (3) CR.H.			
0502490	Internship (Accounting)	3	>= 90 CR.H.

Guidance Plan / BBA in Accounting

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**
Computer Skills (0102120)	Science and Life (0201111)	Fund. of Innovation and Entrepreneurship (0501170)	Scientific Research Methodology (0508203)	Intermediate Accounting 1 (0502310)	Intermediate Accounting 2 (0502320)	Auditing (0502460)	Internship (Accounting) (0502490)
English (1) (0401120B)	English (2) (0401121B)	UAE Studies (0409103)	GUE Elective 1	Cost Accounting (0502340)	Accounting Information Systems (0502350)	Taxation Accounting (0502330)	SPC. Elective 2
Arabic Language (0405100)	Islamic Culture (0406110)	Principles of Financial Accounting (0502200)	Principles of Managerial Accounting (0502230)	Artificial Intelligence in Business (0507290)	Government Accounting (0502360)	SPC. Elective 1	SPC. Elective 3
Principles of Management (0501200)	Organizational Behavior (0501330)	Principles of MIS (0506200)	Principles of Microeconomics (0509210)	Principles of Financial Management (0503300)	Quantitative Business Analysis (0501306)	Production and Operations Management (0501481)	Quality Management (0501480)
Math for Business (0508200)	Statistics for Business Decision-Making (0508201)	Principles of Macroeconomics (0509200)	Principles of Marketing Management (0504200)	International Business Management (0501210)	Business Leadership (0501250)	Business Law and Ethics (0501410)	Strategic Management (0501440)
					GUE Elective 2		
15 CH	**15 CH**	**15 CH**	**15 CH**	**15 CH**	**18 CH**	**15 CH**	**15 CH**
30 CH		**30 CH**		**33 CH**		**30 CH**	
123 CH							

Study Plan for Academic Year 2025/2026 (123 CR.H)
BBA in Finance and Banking

Course No.	Course Title	CR.H	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120B	English (1)	3	
0401121B	English (2)	3	0401120B
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (57) CR.H.			
0501200	Principles of Management	3	
0501210	International Business Management	3	0501200 0509200
0501250	Business Leadership	3	0501200
0501306	Quantitative Business Analysis	3	0508201
0501330	Organizational Behavior	3	0501200
0501410	Business Law and Ethics	3	0501200
0501440	Strategic Management	3	0501330
0501480	Quality Management	3	0504200
0501481	Production and Operations Management	3	0508201
0502200	Principles of Financial Accounting	3	
0502230	Principles of Managerial Accounting	3	0502200
0503300	Principles of Financial Management	3	0502200
0504200	Principles of Marketing Management	3	0509210
0506200	Principles of MIS	3	0102120
0507290	Artificial Intelligence in Business	3	0508201
0508200	Math for Business	3	
0508201	Statistics for Business Decision-Making	3	0508200
0509200	Principles of Macroeconomics	3	
0509210	Principles of Microeconomics	3	

Course No.	Course Title	CR.H.	Prerequisite
Third: Specialization Courses (30) CR.H.			
(1) Compulsory Courses (21) CR.H.			
0503310	Corporate Finance	3	0503300
0503320	Investment Management	3	0503300
0503330	Banking Operations Management	3	0503300
0503340	Islamic Finance	3	0503330
0503350	International Financial Management	3	0503310
0503360	Risk Management and Insurance	3	0508201
0503400	Financial Analysis and Planning	3	0503300
(2) Elective Courses (9) CR.H.			
0503210	Computer Applications in Finance	3	0506200 0503310
0503321	Portfolio Management	3	0503320
0503370	Personal Finance	3	0503300
0503460	Financial Engineering	3	0503310
0503470	Financial Markets and Institutions	3	0503310
0503480	Financial Feasibility Study	3	0503300
0503485	Artificial Intelligence in Finance	3	0507290
Fourth: Practical Training (3) CR.H.			
0503490	Internship (Finance and Banking)	3	>= 90 CR.H.

Guidance Plan / BBA in Finance and Banking

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
Computer Skills (0102120)	Science and Life (0201111)	Fund. of Innovation and Entrepreneurship (0501170)	Scientific Research Methodology (0508203)	Corporate Finance (0503310)	Banking Operations Management (0503330)	Risk Management and Insurance (0503360)	Financial Analysis and Planning (0503400)
English (1) (0401120B)	English (2) (0401121B)	UAE Studies (0409103)	GUE Elective 1	Investment Management (0503320)	International Financial Management (0503350)	Islamic Finance (0503340)	Internship (Finance and Banking) (0503490)
Arabic Language (0405100)	Islamic Culture (0406110)	Principles of Financial Accounting (0502200)	Principles of Managerial Accounting (0502230)	Artificial Intelligence in Business (0507290)	SPC. Elective 1	SPC. Elective 2	SPC. Elective 3
Principles of Management (0501200)	Organizational Behavior (0501330)	Principles of MIS (0506200)	Principles of Microeconomics (0509210)	Principles of Marketing Management (0504200)	Quantitative Business Analysis (0501306)	Production and Operations Management (0501481)	Quality Management (0501480)
Math for Business (0508200)	Statistics for Business Decision-Making (0508201)	Principles of Macroeconomics (0509200)	Principles of Financial Management (0503300)	International Business Management (0501210)	Business Leadership (0501250)	Business Law and Ethics (0501410)	Strategic Management (0501440)
					GUE Elective 2		
15 CH	15 CH	15 CH	15 CH	15 CH	18 CH	15 CH	15 CH
30 CH		30 CH		33 CH		30 CH	
123 CH							

Study Plan for Academic Year 2025/2026 (123 CR.H)
BBA in Marketing

Course No.	Course Title	CR.H.	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120B	English (1)	3	
0401121B	English (2)	3	0401120B
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (57) CR.H.			
0501200	Principles of Management	3	
0501210	International Business Management	3	0501200 0509200
0501250	Business Leadership	3	0501200
0501306	Quantitative Business Analysis	3	0508201
0501330	Organizational Behavior	3	0501200
0501410	Business Law and Ethics	3	0501200
0501440	Strategic Management	3	0501330
0501480	Quality Management	3	0504200
0501481	Production and Operations Management	3	0508201
0502200	Principles of Financial Accounting	3	
0502230	Principles of Managerial Accounting	3	0502200
0503300	Principles of Financial Management	3	0502200
0504200	Principles of Marketing Management	3	0509210
0506200	Principles of MIS	3	0102120
0507290	Artificial Intelligence in Business	3	0508201
0508200	Math for Business	3	
0508201	Statistics for Business Decision-Making	3	0508200
0509200	Principles of Macroeconomics	3	
0509210	Principles of Microeconomics	3	

Course No.	Course Title	CR.H	Prerequisite
Third: Specialization Courses (30) CR.H.			
(1) Compulsory Courses (21) CR.H.			
0504330	Consumer Behavior	3	0504200
0504331	Introduction to E-Marketing	3	0504200
0504340	Advertising and Promotions Management	3	0504200
0504380	International Marketing	3	0504200
0504450	Marketing Research	3	0504330 0508201
0504460	Service Marketing	3	0504200
0504470	Strategic Marketing Management	3	0504450
(2) Elective Courses (9) CR.H.			
0504332	Retail Marketing Management	3	0504331
0504333	Marketing Information Systems	3	0504200 0506200
0504390	Entrepreneurial Marketing	3	0504331
0504400	Introduction to Graphic Design	3	0102120
0504481	Brand Management	3	0504200
0504485	Artificial Intelligence in Marketing	3	0507290
Fourth: Practical Training (3) CR.H.			
0504490	Internship (Marketing)	3	>= 90 CR.H.

Guidance Plan / BBA in Marketing

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**
Computer Skills (0102120)	Science and Life (0201111)	Fund. of Innovation and Entrepreneurship (0501170)	Scientific Research Methodology (0508203)	Consumer Behavior (0504330)	Service Marketing (0504460)	International Marketing (0504380)	Strategic Marketing Management (0504470)
English (1) (0401120B)	English (2) (0401121B)	UAE Studies (0409103)	GUE Elective 1	Introduction to E-Marketing (0504331)	Advertising and Promotions Management (0504340)	Marketing Research (0504450)	Internship (Marketing) (0504490)
Arabic Language (0405100)	Islamic Culture (0406110)	Principles of Financial Accounting (0502200)	Principles of Managerial Accounting (0502230)	Artificial Intelligence in Business (0507290)	SPC. Elective 1	SPC. Elective 2	SPC. Elective 3
Principles of Management (0501200)	Organizational Behavior (0501330)	Principles of MIS (0506200)	Principles of Microeconomics (0509210)	Principles of Financial Management (0503300)	Quantitative Business Analysis (0501306)	Production and Operations Management (0501481)	Quality Management (0501480)
Math for Business (0508200)	Statistics for Business Decision-Making (0508201)	Principles of Macroeconomics (0509200)	Principles of Marketing Management (0504200)	International Business Management (0501210)	Business Leadership (0501250)	Business Law and Ethics (0501410)	Strategic Management (0501440)
					GUE Elective 2		
15 CH	**15 CH**	**15 CH**	**15 CH**	**15 CH**	**18 CH**	**15 CH**	**15 CH**
30 CH		**30 CH**		**33 CH**		**30 CH**	
123 CH							

Study Plan for Academic Year 2025/2026 (123 CR.H)
BBA in Human Resource Management

Course No.	Course Title	CR.H.	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120B	English (1)	3	
0401121B	English (2)	3	0401120B
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (57) CR.H.			
0501200	Principles of Management	3	
0501210	International Business Management	3	0501200 0509200
0501250	Business Leadership	3	0501200
0501306	Quantitative Business Analysis	3	0508201
0501330	Organizational Behavior	3	0501200
0501410	Business Law and Ethics	3	0501200
0501440	Strategic Management	3	0501330
0501480	Quality Management	3	0504200
0501481	Production and Operations Management	3	0508201
0502200	Principles of Financial Accounting	3	
0502230	Principles of Managerial Accounting	3	0502200
0503300	Principles of Financial Management	3	0502200
0504200	Principles of Marketing Management	3	0509210
0506200	Principles of MIS	3	0102120
0507290	Artificial Intelligence in Business	3	0508201
0508200	Math for Business	3	
0508201	Statistics for Business Decision-Making	3	0508200
0509200	Principles of Macroeconomics	3	
0509210	Principles of Microeconomics	3	

Course No.	Course Title	CR.H.	Prerequisite
Third: Specialization Courses (30) CR.H.			
(1) Compulsory Courses (21) CR.H.			
0505200	Human Resource Management	3	0501200
0505300	Human Resource Development	3	0505200
0505310	Organizational Change	3	0501330
0505420	Compensation and Benefits Management	3	0505200
0505430	HR Planning, Recruitment and Staffing	3	0505200
0505440	Strategic HRM	3	0505200
0505450	Talent Management for Business	3	0505300
(2) Elective Courses (9) CR.H.			
0505320	International HRM	3	0505200
0505321	Managing Diversity	3	0501330
0505322	Managing Conflicts	3	0501330
0505360	Performance Management		0505200
0505460	Health and Safety Management	3	0505200
0505485	Artificial Intelligence in Human Resource	3	0507290
Fourth: Practical Training (3) CR.H.			
0505490	Internship (HRM)	3	>= 90 CR.H.

Guidance Plan / BBA in Human Resource Management

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**
Computer Skills (0102120)	Science and Life (0201111)	Fund. of Innovation and Entrepreneurship (0501170)	Scientific Research Methodology (0508203)	HR Planning, Recruitment and Staffing (0505430)	Compensation and Benefits Management (0505420)	Organizational Change (0505310)	Talent Management for Business (0505450)
English (1) (0401120B)	English (2) (0401121B)	UAE Studies (0409103)	Human Resource Management (0505200)	Human Resource Development (0505300)	SPC. Elective 1	Strategic HRM (0505440)	Internship (HRM) (0505490)
Arabic Language (0405100)	Islamic Culture (0406110)	Principles of Financial Accounting (0502200)	Principles of Managerial Accounting (0502230)	Artificial Intelligence in Business (0507290)	Quantitative Business Analysis (0501306)	SPC. Elective 2	SPC. Elective 3
Principles of Management (0501200)	Organizational Behavior (0501330)	Principles of MIS (0506200)	Principles of Microeconomics (0509210)	Principles of Financial Management (0503300)	Business Leadership (0501250)	Production and Operations Management (0501481)	Quality Management (0501480)
Math for Business (0508200)	Statistics for Business Decision-Making (0508201)	Principles of Macroeconomics (0509200)	Principles of Marketing Management (0504200)	International Business Management (0501210)	GUE Elective 2	Business Law and Ethics (0501410)	Strategic Management (0501440)
			GUE Elective 1				
15 CH	**15 CH**	**15 CH**	**18 CH**	**15 CH**	**15 CH**	**15 CH**	**15 CH**
30 CH		**33 CH**		**30 CH**		**30 CH**	
123 CH							

Study Plan for Academic Year 2025/2026 (123 CR.H)
BBA in Management Information Systems

Course No.	Course Title	CR.H	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120B	English (1)	3	
0401121B	English (2)	3	0401120B
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (57) CR.H.			
0501200	Principles of Management	3	
0501210	International Business Management	3	0501200 0509200
0501250	Business Leadership	3	0501200
0501306	Quantitative Business Analysis	3	0508201
0501330	Organizational Behavior	3	0501200
0501410	Business Law and Ethics	3	0501200
0501440	Strategic Management	3	0501330
0501480	Quality Management	3	0504200
0501481	Production and Operations Management	3	0508201
0502200	Principles of Financial Accounting	3	
0502230	Principles of Managerial Accounting	3	0502200
0503300	Principles of Financial Management	3	0502200
0504200	Principles of Marketing Management	3	0509210
0506200	Principles of MIS	3	0102120
0507290	Artificial Intelligence in Business	3	0508201
0508200	Math for Business	3	
0508201	Statistics for Business Decision-Making	3	0508200
0509200	Principles of Macroeconomics	3	
0509210	Principles of Microeconomics	3	

Course No.	Course Title	CR.H.	Prerequisite
Third: Specialization Courses (30) CR.H.			
(1) Compulsory Courses (21) CR.H.			
0506210	Introduction to Programming Languages	3	0506200
0506320	Database Management: Principles and Applications	3	0506200
0506330	Business System Analysis and Applications	3	0506200
0506440	Web Design and Development	3	0506210
0506450	Project Management	3	0506330
0506460	Business Data Communications	3	0506210
0506481	Business Intelligence	3	0506200 0508201
(2) Elective Courses (9) CR.H.			
0506370	Decision Support Systems	3	0506200
0506400	Knowledge Management	3	0506200
0506420	Data Analytics	3	0506320
0506461	Information Security	3	0506460
0506462	Enterprise Resource Planning	3	0506330
0506470	E – Business	3	0506200
0506486	Generative AI	3	0507290
Fourth: Practical Training (3) CR.H.			
0506490	Internship (MIS)	3	>= 90 CR.H.

Guidance Plan / BBA in Management Information Systems

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**
Computer Skills (0102120)	Science and Life (0201111)	Fund. of Innovation and Entrepreneurship (0501170)	Scientific Research Methodology (0508203)	Introduction to Programming Languages (0506210)	Business System Analysis and Applications (0506330)	Database Management Principles and Applications (0506320)	Project Management (0506450)
English (1) (0401120B)	English (2) (0401121B)	UAE Studies (0409103)	GUE Elective 1	Business Data Communications (0506460)	Web Design and Development (0506440)	Business Intelligence (0506480)	Internship (MIS) (0506490)
Arabic Language (0405100)	Islamic Culture (0406110)	Principles of Financial Accounting (0502200)	Principles of Managerial Accounting (0502230)	Artificial Intelligence in Business (0507290)	SPC. Elective 1	SPC. Elective 2	SPC. Elective 3
Principles of Management (0501200)	Organizational Behavior (0501330)	Principles of MIS (0506200)	Principles of Microeconomics (0509210)	Principles of Financial Management (0503300)	Quantitative Business Analysis (0501306)	Production and Operations Management (0501481)	Quality Management (0501480)
Math for Business (0508200)	Statistics for Business Decision-Making (0508201)	Principles of Macroeconomics (0509200)	Principles of Marketing Management (0504200)	International Business Management (0501210)	Business Leadership (0501250)	Business Law and Ethics (0501410)	Strategic Management (0501440)
					GUE Elective 2		
15 CH	**15 CH**	**15 CH**	**15 CH**	**15 CH**	**18 CH**	**15 CH**	**15 CH**
30 CH		**30 CH**		**33 CH**		**30 CH**	
123 CH							

Study Plan for Academic Year 2025/2026 (123 CR.H)
BBA in Business Analytics

Course No.	Course Title	CR.H	Prerequisite
First: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120B	English (1)	3	
0401121B	English (2)	3	0401120B
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0408105	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (57) CR.H.			
0501200	Principles of Management	3	
0501210	International Business Management	3	0501200 0509200
0501250	Business Leadership	3	0501200
0501306	Quantitative Business Analysis	3	0508201
0501330	Organizational Behavior	3	0501200
0501410	Business Law and Ethics	3	0501200
0501440	Strategic Management	3	0501330
0501480	Quality Management	3	0504200
0501481	Production and Operations Management	3	0508201
0502200	Principles of Financial Accounting	3	
0502230	Principles of Managerial Accounting	3	0502200
0503300	Principles of Financial Management	3	0502200
0504200	Principles of Marketing Management	3	0509210
0506200	Principles of MIS	3	0102120
0507290	Artificial Intelligence in Business	3	0508201
0508200	Math for Business	3	
0508201	Statistics for Business Decision-Making	3	0508200
0509200	Principles of Macroeconomics	3	
0509210	Principles of Microeconomics	3	

Course No.	Course Title	CR.H.	Prerequisite
Third: Specialization Courses (33) CR.H.			
Compulsory Courses (21) CR.H.			
0507200	Introduction to Business Analytics	3	0508201
0507211	Programming for Business Analytics	3	0507200
0507250	Database Management for Business Analytics	3	0506200
0507310	Business Data Visualization	3	0507200 0507250
0507320	Artificial Intelligence for Business Analytics	3	0507200
0507450	Machine Learning for Business Analytics	3	0501306
0507495	Capstone in Business Analytics	3	>= 96 CR.H.& 0507450
Elective Courses (9) CR.H.			
0507330	Business Analytics Applications	3	0507200
0507350	Ethics of Business Analytics	3	0507200
0507360	Business Data Intelligence	3	0508201
0507401	Web Analytics	3	0507310
0507470	Big Data Analytics and Tools	3	0507310
Fourth: Practical Training (3) CR.H.			
0507490	Internship (Business Analytics)	3	>= 90 CR.H.

Guidance Plan / BBA in Business Analytics

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**	**Semester 1**	**Semester 2**
Computer Skills (0102120)	Science and Life (0201111)	Fund. of Innovation & Entrepreneurship (0501170)	Scientific Research Methodology (0508203)	Database Management for Business Analytics (0507250)	Business Data Visualization (0507310)	Machine Learning for Business Analytics (0507450)	Capstone in Business Analytics (0507495)
English (1) (0401120B)	English (2) (0401121)	UAE Studies (0409103)	Programming for Business Analytics (0507211)	Artificial Intelligence in Business (0507290)	Artificial Intelligence for Business Analytics (0507320)	SPC. Elective 2	Internship Business Analytics (0507490)
Arabic Language (0405100)	Islamic Culture (0406110)	Introduction to Business Analytics (0507200)	Principles of Managerial Accounting (0502230)	GUE Elective 1	SPC. Elective 1	GUE Elective 2	SPC. Elective 3
Principles of Management (0501200)	Organizational Behavior (0501330)	Principles of Financial Accounting (0502200)	Principles of Microeconomics (0509210)	Principles of Financial Management (0503300)	Quantitative Business Analysis (0501306)	Production and Operations Management (0501481)	Quality Management (0501480)
Math for Business (0508200)	Statistics for Business Decision-Making (0508201)	Principles of MIS (0506200)	Principles of Marketing Management (0504200)	International Business Management (0501210)	Business Leadership (0501250)	Business Law and Ethics (0507410)	Strategic Management (0501440)
		Principles of Macroeconomics (0509200)					
15 CH	**15 CH**	**18CH**	**15 CH**	**15 CH**	**15 CH**	**15 CH**	**15 CH**
30 CH		**33 CH**		**30 CH**		**30 CH**	
123 CH							

Brief Course Descriptions

Course Title & No.	Brief Course Description
Introduction to Time Management 0501100	This course introduces the various concepts of Time Management that combine values, relaxation, time management, and mental rehearsal to develop personal productivity and balance in life. This Course allows the individual to develop physically, emotionally, and mentally, leading to better relationships, more effective work practices, and clarity of purpose.
Leadership and Teamwork 0501150	This course investigates the issues of becoming an effective leader, develops teamwork within organizations, and explains the theories that currently dominate the field of leadership. The course emphasizes key aspects of leading people and organizations including leading teams and change. The course explains the role culture plays in leadership; the three major eras in the study of leadership and its early theories. This course provides solid understanding of the leadership models; the elements of value-based and spiritual leadership; the elements of effective delegation; and the role of leadership in self-managed teams. Topics covered will include the sources of power available to leaders; the role of individual difference characteristics, demographic characteristics, values, and cross-cultural differences in leadership.
Fundamentals of Innovation and Entrepreneurship 0501170	This course aims to consolidate the culture of sustainable innovation and entrepreneurship among students in university education and to encourage them to transform their ideas into innovations. The course also aims to develop students' knowledge and skills on an innovative basis, and to enhance the role of universities as scientific, intellectual, and cultural platforms that advance educational outcomes to support the development process and build an integrated economic system based on knowledge. This leads to enhancing the state's superiority and global leadership, in line with the UAE Vision and sustainable development goals (SDGs).
Principles of Management 0501200	This course provides a comprehensive introduction to management principles with special attention to planning, organizing, leading, and controlling functions. The course reviews and examines the structures and objectives of modern-day business organizations, their administration, policies, functions, problems, and interpersonal relationships to provide students with an understanding of the nature of managerial work and the role of managers. The course finally evaluates classical and recent management theories to give students a historical perspective on the evolution of management theory.
International Business Management 0501210	This course introduces the basic concepts and major forms of international business activities. In addition, it allows students to familiarize themselves with issues related to international trade, internationalization of business, and operations management of firms in a global world. By the end of the course, the student should be more critically aware of the factors that affect the economic and social welfare of countries within the globalized business environment.
Business Leadership 0501250	This is an overview course on the worldwide best business Chief Executive Officers' (CEO) leadership ideas, practices, and contributions to their business organizations. The course examines many key business initiatives, procedures, and practices; it aims to educate and prepare future business leaders.
Quantitative Business Analysis 0501306	This course introduces quantitative analysis techniques for effective decision-making in business. Topics include decision analysis under uncertainty and risk, linear programming, transportation and network models, project management (PERT/CPM), and queuing theory. Emphasis is placed on model formulation, problem-solving, practical application using computational tools.
Small Business Management 0501320	This course provides an overview of the critical issues relating to small business management and links these issues to the United Arab Emirates. In addition, the course offers a fascinating opportunity for students to start and own their respective companies. Finally, the course establishes the small business process's roles, origin, purpose, and scope.

Organizational Behavior 0501330	This course aims at focusing on the materials that are important in the field of contemporary management. First, it examines the major conceptual frameworks on peoples' behavior in the workplace. Next, the course covers perceptions, values and personality, motivation, job satisfaction, personal abilities, and skills. Further, the course addresses group formation and team characteristics; other issues, the course covers, relate to Leadership, conflict, work stress, organizational culture, diversity, structure, and finally, the changed management receives an extensive review.
Leadership for Managers 0501350	This course explores the essential role of leadership in organizational success, examining its impact on structure, culture, and effectiveness. Students will gain a balanced understanding of foundational and contemporary leadership theories, along with practical insights. Through this approach, they will develop skills in strategic leadership, motivation, communication, and ethical decision-making in diverse organizational contexts.
Managing Performance 0501360	This course explores the principles and practices of managing business performance in today's rapidly changing globalized environment. Students will learn a proven framework for improving productivity, efficiency, and employee engagement, combining theory with practical tools for performance improvement. Through case studies, participants will understand how measuring performance impacts strategies and how to use them for better outcomes.
Change Management 0501361	This course provides a comprehensive overview of change management theories, approaches, and practices in organizations. Focusing on the challenges, techniques, and complexities of implementing change, students will examine real-life cases that illustrate diverse change efforts across various business contexts. Emphasizing practical applications, the course encourages exploration and discussion of strategies for effective change leadership, equipping students with tools to navigate and manage organizational change.
Healthcare Management 0501362	This course equips current and aspiring healthcare managers with the essential knowledge, skills, and competencies needed to succeed in a dynamic and complex environment. It prepares students to manage challenging responsibilities and ensure effective operations and quality care. The course focuses on leadership, critical thinking, strategic planning, finance, human resource management, and ethical and legal considerations to address the complexities of modern healthcare management.
Organization and Job Design 0501430	This course provides a comprehensive examination of the principles and theories shaping the structure and functioning of modern organizations. Students will explore key concepts of organization and job design and analyze how these elements drive competitive advantage in varying business contexts. Students will appraise the influences of internal and external factors on organizational design. The course emphasizes practical application, allowing students to apply design principles to real-world business scenarios. This hands-on approach prepares students to apply strategies that enhance organizational effectiveness and adaptability in a dynamic business environment.
Organizational Communication 0501431	This course emphasizes that effective organizational communication is imperative to the success of any organization. Hence, this course is designed to provide the students with knowledge of the theories of organizational communication and processes that form the backbone of study and practice of communication in organizations. Further, blending theory with analysis and practice, this course offers an exciting but extensive introduction to major organizational communication issues, theories, and skills that enable students to apply the concepts immediately and improve their communication skills.
Advanced Artificial Intelligence in Management 0501485	This course explores the transformative role of Artificial Intelligence (AI) in modern management practices. Students will examine key AI technologies and their practical applications, learning how to apply them to address real-world business challenges. The course covers AI integration across various managerial functions, starting from decision-making and operations to strategic management and project management. By highlighting ethical, legal, and regulatory considerations, the course prepares students to lead AI-integrated business initiatives and drive innovation within their organizations.

Negotiation 0501432	This course emphasizes the role of negotiation in any business establishment, given that negotiation itself is a complex social process that is not confined only to business entities or governmental organizations. However, they are extended to every person, who often negotiates, sometimes for major things and sometimes for relatively minor issues. This course helps prepare the students to recognize various negotiation situations and understand how to plan, implement, and complete successful negotiations. It also elaborates on the intrapersonal and interpersonal differences to enrich the insights into the complexity of the dynamics of negotiation to invent solutions for resolving conflicts. Through this course, the students can adopt best negotiation practices for negotiating nationally and internationally.
Corporate Social Responsibility 0501433	This course brings the concept of corporate social responsibility to students in identifying and examining the scope for expanding the corporate coverage from serving its main stakeholders. It also establishes the understanding that administering any corporate social responsibility (CSR) programs and initiatives demands a proper blend of the corporate world with their business goals. Furthermore, understanding CSR can also help to navigate ethical dilemmas and make informed decisions that balance profit motives with societal impact.
Strategic Management 0501440	This course covers strategic management principles and practices with a focus on achieving sustainable competitive advantage. Students will learn key concepts and models and apply techniques to analyze internal and external business environments in order to formulate and implement strategies that align with organizational goals at various levels. The course also addresses evaluating and controlling strategies across organizational levels, as well as global market strategies, local issues, and the role of business ethics and corporate social responsibility in strategic decision-making.
Innovation Management and Creativity 0501470	This course explores the vital role of innovation and creativity in achieving competitive advantage in today's business landscape. Students will understand how innovation drives strategic management and how Research and Development teams contribute to organizational success. The course addresses the challenges and rewards of fostering an innovative culture, preparing students to leverage creativity for sustainable competitive advantage.
Quality Management 0501480	This course provides an overview of total quality management (TQM) principles and their role in achieving organizational excellence. Students will explore quality measurement, control, and improvement techniques, analyze TQM models for enhancing business performance, and evaluate strategies to boost customer satisfaction and loyalty. The course also emphasizes integrating ethical considerations and corporate social responsibility into quality management practices.
Production and Operations Management 0501481	This course provides a comprehensive introduction to operations management and its role in aligning organizational strategy with performance and efficiency. It covers key operational dimensions such as capacity, inventory, and quality management, emphasizing the application of qualitative and quantitative techniques for decision-making and control. Students will explore forecasting methods, process improvement models, and ethical approaches to addressing contemporary operational challenges. Practical tools and methods are integrated to support data-driven decision-making and optimize business processes.
Supply Chain Management 0501482	This course provides a comprehensive introduction to supply chain management, emphasizing its strategic role in achieving business success. Students will explore key supply chain components, performance drivers, and metrics to analyze and optimize operations. The course covers topics such as network design, demand forecasting, inventory management, and distribution strategies. Additionally, students will evaluate collaborative planning methods, cross-functional drivers, and sustainability initiatives to develop the skills needed for designing efficient, resilient, and socially responsible supply chain systems.

Internship (Management) 0501490	An internship is a planned academic-work experience in workplaces directly related to the student's area of college study. It is an excellent opportunity for students to attach their field of study to a practical experience of their career interest in the short term. Internships help students integrate what is taught in college with what is required in the workplace. Students take internships to develop knowledge and skills valued by employers. This course is designed to provide a good opportunity for students to acquaint themselves with various business and management systems that are being utilized in the fields of application, and the opportunity to have practice before graduation.
Contemporary Management Practice 0501491	This course focuses on the need to help develop the knowledge and competence students need to be effective managers by using the most current and up-to-date changes in the contemporary world of business management. The course is about the connections between theory and concepts and actual practice by showing how managers and organizations apply the best applications of modern management. As a comprehensive course, it will include all levels of management, emphasizing tools and skills for understanding contemporary business activity areas such as decision-making, planning, organizing, leading, communicating, staffing, and managing critical organizational processes.
Principles of Financial Accounting 0502200	This course introduces the subject of accounting under the International Financial Reporting Standards (IFRS) as a business language for beginning accounting students and is appropriate for undergraduate students at their first and second-year levels. The course explains the importance of accounting at individual and business levels. It includes topics such as accounting equation, accounting cycle, financial statements, recording & reporting accounting information, and interpretation of financial data for decision making.
Computerized Accounting 0502210	This course introduces the concepts and practices of computerized accounting and develops further the computer skills in maintaining accounting records providing in-depth exposure to accounts receivable, accounts payable, payroll, and inventory modules. In addition, this course introduces computers used to keep accounting records, make management decisions, and finally, helps process typical business applications with primary emphasis on a general ledger package (QuickBooks).
Principles of Managerial Accounting 0502230	This course focuses on accounting's role in providing information for management decisions. It teaches students how management accounting information is to be prepared exclusively for use by company managers and is intended to help them evaluate various business situations. Consequently, they are better equipped to select among the decision alternatives. In addition, this course includes the techniques for planning and controlling business operations to achieve company goals.
Intermediate Accounting 1 0502310	This course expands the financial accounting horizon by focusing on financial reporting issues under the IFRS. It motivates students to critically evaluate and analyze financial statements to understand financial reporting comprehensively, emphasizing the corporate form of business. In addition, this course is intended to provide students with a deeper understanding of measuring and evaluating assets within the context of recent International Financial Reporting Standards (IFRS).
Intermediate Accounting 2 0502320	This course is a continuation of the Intermediate Accounting (I) course, which includes diverse areas in accounting, such as the recognition and measurement of liabilities, stockholders' equity, dilutive securities, and Investments.
Taxation Accounting 0502330	This course recognizes and treats the major tax issues designed to study the taxation of individuals, the inclusion of taxes, basic individual taxation, business, and investment-related transaction, and other specialized topics. This course is designed to acquaint students with various concepts of the federal tax law and their workings pertaining especially to individuals and business entities and further introduce them to the workings of the U.S. tax system. This course stresses the importance of learning the concepts underlying the tax law, using the current tax formula and its elements, applying the tax law to decision models, and incorporating the tax planning principles into the decision-making opportunities. Also, in this course, students will learn about the Value Added Tax (VAT) in UAE and discover the risks behind the improper VAT and how it is recorded.

Cost Accounting 0502340	This course focuses on the accounting methods and procedures required to design product cost systems. The course's central theme is to help accounting students develop the cost analytical skills they need to generate helpful accounting numbers. The course focuses further on the technical aspects of cost accounting systems. It covers various product and service costing systems such as activity-based, job-order, process, and standard costing systems. It also covers cost allocation methods, profit planning procedures, variance analysis, and performance evaluation techniques.
Accounting Information Systems 0502350	This course introduces and covers the information systems principles relating to accounting activities; these activities include designing, implementing, and evaluating the Accounting Information Systems (AIS). Instead of using a "black box", a traditional accounting package, to process the conventional financial information, students will analyze, design, and implement an event-driven computer-based system that can provide an extensive range of helpful information for decision-makers.
Government Accounting 0502360	This course is designed to examine the institutions and techniques of modern financial administration, including the practices and fundamental concepts of government accounting, budgeting, and public finance. The course provides an in-depth understanding of the accounting practices and financial reporting for non-profit entities, specifically government entities. This course introduces the different types of funds and illustrates the budgetary reporting and control.
Financial Statement Analysis 0502420	This course focuses on the financial reporting differences among industries, including manufacturing, retailing, and service firms. It emphasizes the evaluation of financial statements, cash flows, and ratio analysis of businesses. This course provides additional emphasis on comparative analysis and assessment of industry standards. The topics included in the course are ratio analysis, interpretation of balance sheet, income statement, statement of cash flows, account classifications, and income measurements. Moreover, the course chiefly stresses the analytical interpretation of ratios.
Auditing 0502460	The course is designed to hone the student's comprehending the meaning and necessity of audit in modern era. This course constructs understanding of both the theory and practice of auditing. The course encourages students to comprehend the role of auditor in avoiding the corporate frauds, identify the steps involved in performing audit process, determine the appropriate audit report for a given audit situation, apply auditing practices to different types of business entities and Plan an audit by considering concepts of evidence, risk and materiality.
Operational Auditing 0502470	This course discusses the professional and technical aspects of internal and operational auditing, emphasizing concepts and significance in the operation/implementation of the audit and its findings. It further presents underlying issues, risks, and objectives related to various operations and activities. Furthermore, the course covers the effectiveness and efficiency of audits in industry and not-for-profit organizations.
International Accounting 0502471	This course introduces a variety of international accounting issues encountered by multinational organizations. These international issues include the political, legal, and cultural influences on accounting and financial management systems; accounting standards; consolidations of international operations; auditing standards and procedures; organizational accounting systems for information gathering, planning, and control; and performance measurements and international taxation.
Advanced Accounting 0502481	This course focuses on highly advanced accounting topics such as business combination, segment reporting, and foreign currency transactions. The course encompasses all business forms and various kinds of business units such as partnerships and corporations. Students make extensive use of consolidation techniques to deal with various business combinations.
Accounting Analytics 0502482	This course is concerned with developing students' analytical mindset. An analytics mindset is the ability to: ask the right question; extract, transform and load relevant data; apply appropriate data analytic techniques; and interpret and share the results with stakeholders. The course gives students the opportunity to understand the importance of data and analytics to accounting and business management environments. Students learn how data analytics can add value to business by providing powerful new insights to inform business decisions.

Artificial Intelligence in Accounting 0502485	This course introduces students to the fundamental concepts and practical applications of artificial intelligence (AI) to enhance financial reporting, auditing engagements and forensic accounting. The course also covers various managerial accounting aspects-such as variance analysis, decision making, performance evaluation and budgetary planning- while using AI-driven tools including basic machine learning and generative artificial intelligence to improve managerial decision making and resolve problems.
Internship (Accounting) 0502490	An internship is a planned academic-work experience in workplaces directly related to the student's area of college study. It is an excellent opportunity for students to attach their field of study to a practical experience of their career interest in the short term. Internships help students integrate what is taught in college with what is required in the workplace. Students take internships to develop knowledge and skills valued by employers. This course is designed to provide a good opportunity for students to acquaint themselves with various business and management systems that are being utilized in the fields of application, and the opportunity to have practice before graduation.
Computer Applications in Finance 0503210	The main objective of this course is to enhance the students' technological finance skills by linking what they studied earlier in standard finance courses with implementation using computer applications like Microsoft Excel, Monte Carlo simulation, and other tools. This course is lab-based, project-oriented, and provides hands-on experience in using computer application tools. It helps bridge the gap between theory and practice when students take real-life examples/case studies and perform the analysis directly on computers. The course covers essential topics in finance such as the time value of money, capital budgeting, capital structure, and financial markets, stocks, and finally, bonds valuation. This course aims at helping students to be ready for real-world applications of corporate finance and investments.
Principles of Financial Management 0503300	This course aims to introduce the students to the tools and techniques of financial management, and their use to managerial decision-making. The course emphasizes the understanding of finance theory and working knowledge of the financial environment in which the firms operate to develop appropriate financial strategies. Hence, it covers the whole range of basic finance concepts under different financial environments, financial statement analysis, risk analysis, the valuation process, capital budgeting and cost of capital. The course will add value to students in the context of financial management.
Corporate Finance 0503310	This course explores the theoretical and practical aspects of making financial decisions by corporations. It covers topics such as financial planning & forecasting, valuation models, capital budgeting under uncertainty, modern capital structure theories, leasing, modern dividend theories, mergers & acquisitions, and financial failure & restructuring.
Investment Management 0503320	This course provides the students with solid foundations of core concepts and tools that help them gain necessary skills to manage investment opportunities. By covering topics like portfolio management, risk and returns and assessment investment performance, the students will leave the course with the necessary information for developing, implementing, and monitoring successful investment programs.
Portfolio Management 0503321	This course focuses on portfolio management theory and investment in practice. It covers several topics, including investment allocation, portfolio construction & management, and portfolio evaluation. It also covers the hedging instruments and techniques portfolio managers use, asset pricing models, and their implications for investment.
Banking Operations Management 0503330	This course focuses on managing depository financial intermediaries with a primary emphasis on commercial banks. It includes bank regulation, liquidity and reserve position management, loan pricing and analysis, investment portfolio problems, and overall asset-liability management. (The main objective of this course is to help students to take deeper insights about the financial services industry. Banks (depository institutions) are different from other financial institutions. Student will study some chapters that include bank regulation, liquidity and reserve position management, financial analysis for the banks, loan/deposit pricing, investment portfolio problems, and overall asset-liability management.

Islamic Finance 0503340	The course introduces the basic concepts of Islamic finance with concentration on the issue of the Reba (prohibition of pre-determined fixed interest rate) and its Islamic alternative, such as the profit-loss sharing approach. The course is designed to explain Islamic banks' main Islamic financial contracts (Murabaha, Mudarbaha, and Musharkaha, etc) and their applications. In addition, the course sheds light on both insurance (Takaful) and stock market operations (SUKUK) from an Islamic perspective.
International Financial Management 0503350	This course focuses on applications of financial theory to the operations of multinational corporations. Topics include international financial environment, Balance of Payments (BoP), interest rate parity (IRP), Purchasing Power Parity (PPP), determinants of international portfolio and direct investment capital flows, management of foreign exchange position and hedging strategies, multinational capital budgeting, international capital structure decisions, and international cost of capital. The course gives students the required knowledge in international context when they are doing business internationally.
Risk Management and Insurance 0503360	This course focuses on business risk management, liability, loss exposures, risk control tools, risk financing tools, and legal aspects of insurance. It covers the fundamentals of insurance, including interpretation of policies, car insurance, retirement plans and annuities, life insurance, and the computation of insurance premiums. Moreover, this course seeks to introduce the basic concepts, operations, and activities conducted by the Islamic insurance & Reinsurance industry in UAE, which provide a stepping-stone to further course work and experiences in risk and insurance management.
Personal Finance 0503370	Personal Finance is essential in meeting the financial challenges of the 21st century. The main objective of this course is to help students to analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in course to financial situations encountered later in life. This course focuses on personal finance, including goal setting, cash management, credit, insurance, taxes, housing, investment alternatives, and retirement plans. This course provides the information needed to help students plan and achieve financial security. Updated and revised important topics like VAT taxes, educational loans, health care, and investments to provide the most current information available. The course includes techniques for planning and controlling the saving, spending, investing decisions to achieve personal finance goals.
Financial Analysis and Planning 0503400	This course is designed to prepare the students to analyze, interpret and evaluate the financial decisions effectively. They will develop their ability to assess a company's financial situation, its trends and reasons. A partial goal is to familiarize students with the fundamentals of financial planning and analysis. The course covers several topics including analysis of financial statements analysis, financial analysis from the creditors' perspective and statement of cash flow.
Financial Engineering 0503460	This course seeks to bridge theoretical finance and its practice. This course provides the students with solid foundations of an understanding of how derivatives are priced and used as part of the financial manager's core body of knowledge and understanding. To meet this requirement, the course aims to provide students with the tools, knowledge and understanding of the derivative product set (these are forward and futures contracts, swaps and options), how the instruments are priced and the markets in which they are traded. The emphasis in the course is on financial management and pricing rather than the mathematics of derivatives.
Financial Markets and Institutions 0503470	This course introduces and analyzes the structure and functions of the financial system. It starts with an introduction of financial institutions, focusing on their main functions and operations, discusses various financial markets, including the money markets, bond markets, stock markets, and finally, the financial institutions' management issues.

Financial Feasibility Study 0503480	This course provides the knowledge and skills needed to conduct the feasibility study to decide whether to accept or reject the project. It uses the case study methodology and concentrates on the financial study, including estimating relevant cash flows, estimating the cost of capital, and calculating the risk-adjusted NPV.
Artificial Intelligence in Finance 0503485	This course is for students wishing to explore the ways in which new technologies are emerging in the financial services industry—driving material change in business models, products, applications and customer user interface. Amongst the significant technological trends affecting financial services, the course will explore AI, deep learning, blockchain technology, and Fintech. The course will then turn to four sectors of specific opportunities: payments, credit, trading and risk management. The students will gain an understanding of the key technologies, market structure, participants, regulation and the dynamics of change being brought about by FinTech.
Internship (Finance and Banking) 0503490	An internship is a planned academic-work experience in workplaces directly related to the student's area of college study. It is an excellent opportunity for students to attach their field of study to a practical experience of their career interest in the short term. Internships help students integrate what is taught in college with what is required in the workplace. Students take internships to develop knowledge and skills valued by employers. This course is designed to provide a good opportunity for students to acquaint themselves with various business and management systems that are being utilized in the fields of application, and the opportunity to have practice before graduation.
Business Law and Ethics 0501410	This course analyzes essential ethical principles valued from different perceptions to provide tools for making sound ethical decisions in various business situations and the face of business dilemmas. The course will introduce the students to the legal system as it relates to the business world. The course reviews the common law and its development, organizational structures, and the regulatory environment pertinent to business. Special attention is given to the law of contracts, business associations (agency, partnerships, and corporations), sales, commercial papers, wills, estates, trusts, and other legal entities.
Math for Business 0508200	This course equips undergraduate students with essential mathematical tools for effective decision-making in business, economics, and management. Designed for those with minimal mathematical background, it emphasizes practical applications to real-world challenges. Key topics include foundational mathematics, linear and non-linear equations, financial mathematics, and matrices. Students will also delve into advanced techniques such as optimization through differentiation, marginal and average functions, and matrix operations. These concepts are applied to practical scenarios such as equilibrium analysis, break-even points, and optimization. The course emphasizes critical thinking, analytical reasoning, and problem-solving, equipping students to model, analyze, and address complex business and economic challenges.
Statistics for Business Decision- Making 0508201	This course provides students with an introduction to data-driven decision-making within a business context. It explores fundamental concepts, sources, and methods of data collection, as well as the tabular and graphical presentation of data. Topics include descriptive statistics such as measures of central tendency, variability, skewness, and kurtosis, alongside measures of association between variables. The course also covers foundational probability concepts, random variables, probability distributions, sampling distributions, and statistical estimation, including confidence intervals. Additionally, the course will introduce methods of statistical inference, their applications in business and economics, and basic regression analysis techniques.

Scientific Research Methodology 0508203	This Course provides an engaging and comprehensive exploration of the scientific research process, equipping undergraduate students with the skills to investigate and address real-world challenges systematically. The course guides students through all phases of research, including identifying and operationalizing research topics, formulating research problems, conducting literature reviews, and designing robust methodologies. It covers essential techniques such as sampling, data collection (quantitative and qualitative), reliability, and validity. Students will critically apply ethical research principles, leading to the development of a well-organized research proposal. By integrating diverse methods and fostering analytical thinking, the course prepares students to deliver impactful and credible research aligned with academic and professional standards.
Principles of Macroeconomics 0509200	This course introduces economics, focusing on macroeconomic issues, problems, and challenges. The course addresses the central macroeconomic concerns, including economic growth, business cycles, unemployment, and inflation. Further, the course emphasizes the theory of income determination and monetary and fiscal policies. Finally, it also provides exposure to calculating gross domestic product, national income, and aggregate expenditure.
Principles of Microeconomics 0509210	This course offers an introduction to economics with focus on microeconomic issues. Microeconomics studies the behavior of individual economic units of an economy, like households, firms, individual consumers and producers. The primary focus of the course is on the theory of resource allocation, theory of supply and demand, theory of consumer behavior, and theory of the firm under different market conditions. The course also provides exposure to the methods of calculating elasticity, utility and cost components.
Principles of Marketing Management 0504200	This is an introductory course in marketing. It covers a broad range of fundamental concepts/ ideas such as the marketing planning process, relationship marketing, marketing strategy, marketing mix, market segmentation, and targeting, and finally, market analysis. Besides, this course makes an extensive review of the following topics: marketing organization, product life cycle, competitive analysis, marketing information, and research, and finally, buyer behavior in both consumer and business markets.
Consumer Behavior 0504330	Consumer behavior may be the most applied topic you will come across. After all we are all consumers, at all times, every day and wherever you live. The course is structured to enable you to gain knowledge of the theoretical background of consumer behavior. We will examine important concepts, principles, and theories from various social sciences in order to describe and explain consumer behavior in a detailed way. The purpose of the course is to study the process of consumer choice, its determinants and its implications for marketing programs and public policy. This course also aims to bring you up-to-date on the rapid developments we are observing in the area of consumer behavior and puts especial emphasis on the impact of culture and sub-cultures on consumer behavior.
Introduction to E-Marketing 0504331	The course explores the transformation from traditional to digital marketing alongside thetechniques that can bring businesses closer to target markets. The course demonstrates the process of building a digital strategy in terms of situation analysis of online and macroenvironments; designing the marketing mix; digital branding communications techniques in a digital context. The course also explains the implementation and practice techniques that can be employed effectively to evaluate performance.
Retail Marketing Management (0504332)	This course provides an overview of the field of retailing and aims to familiarize students with the basic concepts and issues that are considered relevant in today's world of retailing and retail marketing. These include, but are not limited to, the nature and structure of the retail industry, the determinants of successful retail marketing strategies, emerging issues and trends, multichannel retailing, and the use of technology in retail marketing.
Marketing Information Systems 0504333	This course covers information systems principles relating to marketing activities, which aims to offer students the opportunity to examine the fundamental issues of constructing and managing information systems to support decision-making in Marketing. In addition, the course aims to offer students an integrated theoretical and practical knowledge on the use of information and communication technologies in Marketing and enable the implementation of such knowledge in various marketing activities, strategic and operational, at different organizational levels.

Advertising and Promotions Management 0504340	This is one of the most dynamic, fascinating and enjoyable fields of study. In an increasingly competitive world, organizations have learned that their ability to create and distribute effective advertising and promotional messages has become increasingly difficult as a consequence of the fragmentation, not just of targeted audiences but also of the media and methods used to reach them. This course will examine a number of theories and models from advertising, sales promotion, public relations, and personal selling for domestic and international markets. We will also discuss the planning, implementation, and evaluation of advertising and promotional programs. You will be introduced to the full range of concepts associated with Integrated Marketing Communications.
International Marketing 0504380	This course introduces the field of international marketing. It addresses the different and challenging environments of international marketing and the need to investigate its various political, economic, social, cultural, and legal issues from conceptual, methodological, and applications perspectives. It then considers how these environmental factors can be integrated into international marketing programs and strategies.
Entrepreneurial Marketing 0504390	The course on entrepreneurial marketing focuses on the essential elements of business success. It shows how to use modern entrepreneurial marketing techniques to differentiate a company in customers' eyes to achieve sustainable profitability. The course highlights entrepreneurs' creativity, ability to bring innovations to the market, and willingness to face a risk that changes the world. Critical components addressed in the study include the identification and selection of the market followed by the determination of consumer needs cost-effectively; further, the course discusses the execution of the essential elements of the marketing mix (product, price, distribution, and promotion); and finally, to competing successfully in the domestic and international markets by implementing a sound marketing plan.
Introduction to Graphic Design 0504400	This course offers fundamental skills relevant to the discipline of graphic design. In this course, through studio projects, students learn the vocabulary of visual communication design and become familiar with graphic design digital and analog production processes. Further, students are taught high-level technical production and pre-press skills, enabling them to see the success of a project from its initial concept to final publication.
Marketing Research 0504450	This course emphasizes that in modern organizations, marketing research is considered to perform an imperative pervasive function, particularly, when organizations are constantly racing to satisfy their customers in today's fiercely competitive environment and given the fact that organizations barely satisfy fully customers if they do not know what the customers desire for. Therefore, the course asserts the fact that knowing what customers desire is basically the purpose of marketing research. In this course, the marketing research techniques are broadly classified into qualitative and quantitative approaches. Qualitative techniques include methods, such as focus groups and in-depth interviews. Quantitative methods are numerous; while the course discusses qualitative techniques in this class, the focus will be on experimental and survey research. This course deals with the use of marketing research as an aid to making marketing decisions addressing how the information used to make marketing decisions is gathered and analyzed.
Service Marketing 0504460	This course discusses various aspects and challenges of service marketing, particularly when services dominate the global economy and are becoming critical for competitive advantage in companies across the globe, and all industry sectors, particularly in the Gulf region. Hence, this course entails the notion that service management presents unique challenges reflecting the fundamental differences between products and services. This course deciphers the complexity involved in successfully managing the above challenges through threading together the functional disciplines of marketing, operations, and human resources. Students will learn the foundations of services marketing. In addition, they will learn to create, promise, and deliver a successful, interactive customer experience. The course will further cover both theory and application. By studying this course, the growing significance of services marketing beyond its traditional connotations of advertising and personal selling will become more apparent.

Strategic Marketing Management 0504470	This is an advanced course in the BBA in Marketing program and involves developing a vision about the markets of interest to the organization by selecting the market target strategies, setting objectives, and growing, implementing, and managing the marketing programs designed to meet the value requirements of the customers in each market target. This course brings the strategic elements in marketing in that it entails creating satisfied customers through integrating all business functions, the continuous search for sustainable competitive advantage, and further via quality, responsiveness to customers, and innovation. In addition, this course defines marketing as a dynamic process designed to achieve distinctive strategic competitive and global advantages. This is accomplished through value-added activities designed to create and sustain long-term customer satisfaction and relationship, assuring a good competitive position.
Brand Management 0504481	This course introduces students to the concepts of building and managing a strong brand from a corporate and consumer perspective. This course is designed to provide students with insights into developing profitable brand strategies and their implications for brand management effectiveness. Therefore, brand management evolves around understanding, developing, evaluating, and managing a brand. The course blends marketing theory and practice to provide perspective on corporate marketing and the brand management function.
Artificial Intelligence in Marketing 0504485	The course explores how artificial intelligence (AI) is transforming the marketing landscape. Analyzes the fundamentals of machine learning and data analytics techniques to extract actionable insights from marketing data. Investigates AI powered tools for customer insights, personalization, and campaign optimization and learn how to craft AI driven marketing strategies that optimize budget allocation and amplify ROI. Through case studies, hands on projects, and ethical debates, learners will gain both the theoretical foundations and practical skills needed to lead AI initiatives within modern marketing organizations.
Internship (Marketing) 0504490	An internship is a planned academic-work experience in workplaces directly related to the student's area of college study. It is an excellent opportunity for students to attach their field of study to a practical experience of their career interest in the short term. Internships help students integrate what is taught in college with what is required in the workplace. Students take internships to develop knowledge and skills valued by employers. This course is designed to provide a good opportunity for students to acquaint themselves with various business and management systems that are being utilized in the fields of application, and the opportunity to have practice before graduation.
Human Resource Management 0505200	This course provides a strong foundation in HR-related concepts, functions, and practices to help students appreciate the necessity for sound human resource management aligned with organizational strategy in a competitive environment. It gives an overview on job analysis, workforce planning and staffing, training and development, performance management, compensation and benefits, career planning, employee relations, health, and safety, both from theoretical and practical perspectives. It also introduces students to the employment legislation and ethical practices along with emerging trends such as workforce diversity, globalization, and empowerment.
Human Resource Development 0505300	Developing human resources is critical to gain competitive advantage in today's global markets as it equips the organization for its present and future talent. This course offers a broad-based foundation on the three primary areas of human resource development: training and development, career development, and organizational development. Students are introduced to different learning theories, styles, and processes that maximize the learning in the organization. It also prepares them to make informed choices about the training program designs and its measurable delivery and transfer to the workplace.

Organizational Change 0505310	In today's competitive business environment, the ability to adapt to the changing work conditions is the key for individual and organization success. This course provides multiple perspectives approach on understanding and managing change by recognizing the variety of ways in which change can be progressed and tailored to fit different organizational contexts. In addition, it prepares the students in diagnosing, planning, leading, implementing, and evaluating organizational changes, while supporting the employees in the change process. This course also sheds light on organizational development interventions for managing change effectively.
International HRM 0505320	This course presents international human resource management (IHRM) as the interplay among the three dimensions of human resource activities, type of employees, and countries of operation. It examines the cultural and organizational contexts of IHRM in cross-border mergers and acquisitions, international alliances, and SMEs; staffing, recruitment, and selection for international assignments; international performance management; training, development, and careers of expatriates; international compensation and benefits; international industrial relations and the global institutional context; and trends and future challenges in IHRM. The students learn the complexity of operating in different countries with emphasis on the international HRM confronting multi-national enterprises -large or small- and the challenges of managing people globally.
Managing Diversity 0505321	People from diverse backgrounds get along to work together and achieve the organizational goals. These differences if harnessed properly can be the catalyst for creativity, learning, innovativeness, and effectiveness; however, if misunderstood, these differences can hamper workforce productivity, relationships and team working spirit. This course elaborates on the diversity inherent to the social organizations with the aim of improving students understanding of its variant forms at primary and secondary level and enabling them to deal with these differences effectively. Particularly those that are based on social identity like race, ethnicity, language, gender, age, disability, belief system, etc. The course emphasizes on the effective diversity management for social justice outcomes and increased work productivity.
Managing Conflicts 0505322	The course provides an overview of the employment relationship involving interactions, behaviors, conflicts, and outcomes in the workplace. It pays close attention to the current themes, trends and developments in employment relations, and the regulatory landscape. It further provides the students with a set of analytical tools, concepts, and models to encourage an understanding of employment relationship, regarding fairness and engagement. In addition, it covers the causes and costs of conflicts, the impact of the psychological contract, and the legal framework for managing workplace disputes within the organization. The students learn to develop conflict resolution process by engaging stakeholders and training managers in resolution skills to resolve conflicts and manage effective relations with their employees.
Performance Management 0505360	In today's globalized world, technology and products are no longer key competitive advantage for the organizations. Rather, the key to organizational competitive advantage is to have motivated and talented employees offering outstanding performance. This course introduces students to the design and implementation of a performance management system with emphasis on the key role that interpersonal dynamics play in the process. It covers the continuous performance management process of identifying, measuring, and developing the performance of individuals and teams and aligning their performance with the reward systems and strategic goals of the organization.

Compensation and Benefits Management 0505420	This course elaborates on the vital role of employee's compensation and benefits in sustaining organizational success in the long run. It overviews on the bases of compensation design such as traditional pay, merit pay, incentive pay, person-focused pay, and benefits management, including legally required benefits and protection programs that attempt to promote employees' protection. Also, it details on designing the internal and external equity-based compensation systems. Emphasis is placed on the contemporary strategic compensation challenges, locally and globally.
HR Planning, Recruitment and Staffing 0505430	Staffing is a critical organizational function concerned with the acquisition, deployment, and retention of the organization's workforce. This course familiarizes the students with the significance of workforce planning and all staffing components such as recruitment, selection, and employment. It develops the students' abilities to analyze the staffing process from beginning to end and integrate it with the complex environmental and organizational factors to create a cohesive staffing management system. In addition, legal and ethical issues such as discrimination, equal opportunities, and diversity inclusion influencing human resource planning and staffing are highlighted in the context.
Strategic HRM 0505440	This course produces a cogent and coherent explanation of human resource management from a strategic perspective, mandating that a good fit between the two is imperative to sustain organization's effectiveness. It introduces the students to the strategy-oriented processes of HR that address business problems and directly contribute to major long-term. business objectives. This course triangulates the core concepts of strategy, structure, and culture with emphasis on application from both local and international perspectives. In addition, it helps the students develop a clear perspective that in the future, HR in a leadership capacity will be able to build healthy and effective organizations.
Talent Management for Business 0505450	This course discusses various approaches to talent management with the belief that talent management must be reinvented - closely linked to the organization's overall strategy. The course discusses that talent management should be driven by the organization's skills and competencies for its long-term growth based on agile systems. Having the right talent to support organization's strategic goals is a competitive advantage a company has to create and maintain, as it makes or breaks any business. Further, the course withstanding the view that everything talent management does has to be based on evidence and not on tradition, teaches students how organizations must reinvent themselves constantly in today's world.
Health and Safety Management 0505460	This course deals with health and safety management as an equal partner to other strategic business risks. It introduces students to the issues of occupational health and safety and the changes taken place within the field in the past three decades due to increased technology use and its hazards, legislations, regulating agencies, environmental groups, ethical concerns, workplace violence, health issues and high costs associated to accidents and litigations. It aims to make budding human resource professionals aware of the importance of the subject and provide them with the required knowledge and understanding to manage employees' health and safety at work, having implications on organizational business performance, competitiveness, and reputation.
Artificial Intelligence in Human Resource 0505461	This course provides a comprehensive introduction to the role of Artificial Intelligence (AI) in improving the effectiveness of the Human Resource Management (HRM) process. It focuses on the applications of AI tools across the wide spectrum of human capital management practices—from talent acquisition and employee development to talent mobility and engagement—along with the potential ethical constraints and biases of the technology. This course will help the students to learn how to leverage AI tools to streamline HR processes, analyze workforce data for strategic decision-making, and improve the employee experience.

Internship (HRM) 0505490	An internship is a planned academic-work experience in workplaces directly related to the student's area of college study. It is an excellent opportunity for students to attach their field of study to a practical experience of their career interest in the short term. Internships help students integrate what is taught in college with what is required in the workplace. Students take internships to develop knowledge and skills valued by employers. This course is designed to provide a good opportunity for students to acquaint themselves with various business and management systems that are being utilized in the fields of application, and the opportunity to have practice before graduation.
Principles of MIS 0506200	This course introduces students to Information Technology and Systems, focusing on their role in supporting business operations, decision-making, and competitive advantage. Students will explore IT infrastructure components, including databases, networks, and emerging technologies. They will also study core business systems such as ERP, SCM, and CRM, to understand how these systems streamline processes and support strategic goals. Additionally, the course covers the implementation of information systems and addresses important considerations such as social, ethical, and security issues, including data protection.
Introduction to Programming Languages 0506210	The main purpose of this course is to provide students with a comprehensive understanding of programming concepts and techniques, develop their ability to logically plan and create programs, and teach them how to write, test, and debug code. Topics covered include input/output operations, expressions, selection, repetition, functions, user-defined simple data types, and arrays. Students will have the opportunity to apply their knowledge through hands-on programming exercises, and assignments.
Database Management Principles and Applications 0506320	This course offers a comprehensive foundation in database techniques, covering both theory and practice. Key topics include database concepts, data models, ER diagrams, SQL, and normalization. Students will develop skills in database design at both logical and physical levels, with hands-on experience using Oracle software in lab sessions.
Business System Analysis and Applications 0506330	The course aims to provide a foundation in traditional structured systems analysis and design techniques, along with an introduction to the basics of object-oriented analysis and design techniques that are increasingly in use today. The key topics to be covered include: planning systems development projects, requirements determination and analysis, use-case analysis, process modeling, data modeling, and various aspects of system design such as database design, architecture design, and user interface design.
Decision Support Systems 0506370	This course introduces students to the essential role of Decision Support Systems (DSS) in facilitating informed, data-driven decision-making in the business world. It explores key decision-making frameworks, such as multi-criteria decision models, and emphasizes how emerging technologies enhance Business Intelligence (BI) and knowledge management. Through practical experience, students will engage in developing and using DSS tools to support strategic goals and improve operational performance. The course focuses on cultivating analytical skills, advancing performance management, and designing innovative DSS solutions to aid managerial and organizational decisions in today's dynamic and rapidly evolving business environment.

Knowledge Management 0506400	This course examines the fundamental aspects of Knowledge Management (KM) and the information systems that support it. Topics include the principles of Knowledge Management, the role of intellectual capital in modern organizations, and the integration of human resources, training and development, information systems, and business units to implement effective KM strategies. The course also addresses the evolving roles and responsibilities of knowledge workers in today's dynamic organizational environments.
Data Analytics 0506420	This course equips students with a solid foundation in contemporary business analytics, giving them the tools to comprehend how data-driven decision-making functions in today's businesses. It thoroughly examines business analytics: predictive, and descriptive. In order to make more informed and efficient business decisions, students will learn how to use essential statistical techniques and make use of sophisticated analytic models. Additionally, the course emphasizes the development of analytics software competency, guaranteeing that students have real-world experience and practical knowledge that will improve their problem-solving skills in the workplace and job readiness.
Web Design and Development Design and Development 0506440	This course provides an introduction to the fundamentals of web page design and development. Students will learn how to use HTML and CSS to structure and style web pages effectively. Topics include basic HTML tags for formatting text, as well as advanced tags for creating image maps, tables, forms, and multimedia elements. Additionally, students will be introduced to JavaScript to add interactivity and dynamic functionality to their web pages.
Project Management 0506450	This course develops the basic principles of project management, including concepts from initiating, planning, executing, monitoring & controlling, and closing process groups. Further, the course introduces fundamentals from the ten project management knowledge areas: integration, scope, time, cost, quality, human resources, communications, risk, stokeholds, and finally, procurement management.
Business Data Communications 0506460	This course provides a comprehensive introduction to the principles and techniques of business data communications, from the fundamentals of telecommunications systems to the strategic use of telecommunications. This course is directed toward business students who desire a technical overview of data transmission concepts and methodologies employed in designing and managing communication networks.
Information Security 0506461	This course offers a foundational introduction to information security, focusing on the protection of information assets, managing threats and risks, and implementing robust security controls. Students will explore essential concepts, policies, models, and methods in information security. Key topics include security planning, risk assessment, disaster recovery, and core technologies such as firewalls, intrusion detection systems, cryptography, access control, and physical security controls. By the end of the course, students will be prepared to understand, assess, and strengthen information system security in organizational settings.
Enterprise Resource Planning 0506462	This course provides a comprehensive introduction to Enterprise Resource Planning (ERP) systems, emphasizing their critical role in enhancing organizational efficiency and supporting decision-making. It begins with an exploration of ERP fundamentals, including the integration of core business functions into a unified information system and the strategic benefits these systems offer to businesses in today's competitive landscape. In addition to the lecture, students will be guided through several hands-on activities of various business processes in ERP through this course. The course will also discuss various business cases in which ERP concepts can be applied. Finally, the course overviews Business Intelligence (BI) and analytics in the ERP context.

E-Business 0506470	This course highlights the notion that electronic business and commerce are the most demanding disciplines nowadays in information technology. This course, therefore, provides a firm grounding in the technologies, strategies, and impact of e-commerce. It covers the core ideas for Electronic business infrastructure, the Role of the Intranet and Extranet in E-Commerce Transactions, security issues, electronic payment mechanisms, e-marketing communications, retailing, and business-to-business electronic commerce.
Business Intelligence 0506481	This course aims to provide a comprehensive introduction to Business Intelligence (BI) as an umbrella category that includes the applications and technologies used to gather, store, analyze, share and provide access to data to help enterprise users make fact-based decisions. The course explores how business problems can be solved effectively by using operational data to create data warehouses and then applying data mining tools and analytics to gain new insights into organizational operations.
Generative AI 0506486	This course introduces students to Generative AI and Large Language Models (LLMs) in business. It covers key fundamental concepts, methods, risks and benefits, and applications in various fields such as customer service and support, marketing, retail, manufacturing, and software development (coding). Students will apply prompt engineering techniques, evaluate the effectiveness of Generative AI, and explore the ethical and legal implications of its use in a business environment.
Internship (MIS) 0506490	The Internship program is a planned academic-work experience in workplaces directly related to the student's area of college study. It is an excellent opportunity for students to attach their field of study to a practical experience of their career interest in MIS in the short term. The internship program help students integrate what is taught in the college with those required in the workplace under the guidance and supervision of an academic advisor and field supervisor. Students take internship programs to develop knowledge and skills valued by employers. This course is designed to provide a good opportunity for students to acquaint themselves with various business issues and management challenges in MIS with hands-on practice before graduation.
Principles of Financial Accounting 0502200	This course introduces the subject of accounting under the International Financial Reporting Standards (IFRS) as a business language for beginning accounting students and is appropriate for undergraduate students at their first and second-year levels. The course explains the importance of accounting at individual and business levels. It includes topics such as accounting equation, accounting cycle, financial statements, recording & reporting accounting information, and interpretation of financial data for decision making.
Introduction to Business Analytics	This course provides students with a foundational understanding of the principles and techniques used in analyzing business data to derive insights and support decision-making processes. Students will learn how to collect, clean, and preprocess data, visualize information effectively, and apply statistical descriptive analytics, and predictive analytics to solve real-world business problems.
Artificial Intelligence in Business 0507290	This course introduces students to the fundamentals of Artificial Intelligence (AI) and its transformative impact on industries. Through a practical approach, students will learn key AI and machine learning (ML) concepts, explore applications across business functions, and assess their value, risks, and ethical implications. By the end of the course, students will be able to analyze AI techniques, apply tools to solve business problems, and communicate the social, economic, and ethical impacts of AI in a well-structured report.
Programming for Business Analytics	The purpose of this course is to provide students with an introduction to business analytics programming using Python, along with its associated libraries such as NumPy, SciPy, Pandas, Matplotlib, and Scikit-learn. Throughout the course, students will gain knowledge in programming fundamentals, application development, and the application of Python libraries for data analysis and visualization.

Database Management for Business Analytics	This course provides an introduction to database design. It covers database concepts, including modeling data using both the Entity Relationship Diagram (ERD) and an object-oriented approach to designing database systems. The course also covers converting ERD models into the relational model, performing database normalizations, and creating and manipulating databases using structured query language (SQL). In this course, MS Visio is used to model the data and Oracle software is used to create, manipulate and query the database.
Business Data visualization	This course will provide students with a solid foundation in data visualization so that they can convert complex data sets into comprehensible visual representations. The course will instruct students in the appropriate selection of visualization techniques, the creation of engaging visuals, and the communication of data-derived insights. The course will equip students with the necessary skills to analyze, visualize, and communicate data in a business context, enabling them to make informed decisions and effectively convey insights to stakeholders. Hands-on exercises and projects will be employed to ensure real-world experience in the application of concepts.
Artificial Intelligence for Business Analytics	The course offers an overview of artificial intelligence (AI) and its role in driving business transformation. It provides a general introduction to AI, with a particular emphasis on its applications and challenges in the business. The course covers the technical, organizational, and social aspects of AI. It explores key AI concepts, techniques, technologies, and their practical applications in business contexts. Furthermore, it addresses the social and ethical implications of AI on business and society.
Business Analytics Applications	The course aims to provide students with a diverse range of applications for analytics principles and techniques in various business contexts. It offers a structured approach known as the SOAR analytics model, which fosters a business analytics mindset. This model comprises four steps: Specify the question, Obtain the data, Analyze the data, and Report the results. Throughout the course, this model is utilized alongside different types of data analysis, equipping students with the ability to thoroughly examine and accurately interpret data. Through this course, students will develop the skills that are crucial for making informed decisions across multiple business functions, including marketing, accounting, finance, and operations. Practical examples and case studies will be used to illustrate the practical applications of business analytics in real-world scenarios.
Ethics of Business Analytics 0507350	This course aims to provide an understanding of the ethical considerations within the life cycle of Data Analytics. The course specifically addresses ethical concerns associated with the collection, cleansing, modeling, analysis, storage, and management of large volumes of data. The course will explore the ethical implications concerning data ownership, privacy, sharing and use with informed consent, transparency, governance and accountability. Additionally, students will be exposed to ethical standards and frameworks and their practical application in the field of data analytics. Through engaging in class discussions and analyzing case studies from real-world scenarios, students will develop a foundational understanding of ethical reasoning and apply best practices in the context of data analytics.
Business Data Intelligence	This course aims to provide a comprehensive introduction to Business Intelligence (BI) as an umbrella category that includes the applications and technologies used to gather, store, analyze, share and provide access to data to help enterprise users make fact-based decisions. The course explores how to solve business problems effectively using operational data and apply the appropriate data analytics to gain new insights into organizational operations.

Web Analytics	This course offers a comprehensive understanding of social network analysis and web analytics, exploring various digital tools, definitions, techniques, and properties applicable across multiple channels, including social networks, web analytics platforms, and business intelligence. It aims to equip students with the skills to effectively apply digital analytics techniques from both managerial and technical perspectives. Students will learn how to collect, measure, report, and analyze data from social networks and websites, enabling them to make informed business decisions in the future.
Machine Learning for Business Analytics	The objective of this course is to teach students the fundamental concepts of machine learning, which are used to solve problems using artificial intelligence. The course encompasses a broad range of technical topics and methods, including supervised machine learning (regression, classification), unsupervised machine learning (association mining, clustering), and predictive modeling. Throughout the course, students will study different machine learning approaches and techniques, and gain hands-on experience by applying these tools to various types of data, such as quantitative, qualitative, and textual data. Additionally, students will utilize powerful modeling software to analyze real-world datasets, engage in experiential learning, and examine case studies.
Big Data Analytics and Tools	This course provides a comprehensive overview of various topics in big data, including data generation, storage, management, transmission, and analytics, with an emphasis on the cutting-edge technologies, tools, architectures, and systems that comprise big-data computing solutions in high-performance networks. As use cases, actual big-data applications and workflows in various business domains are presented to illustrate the development, deployment, and execution of a vast array of emergent big-data solutions.
Internship (Business Analytics)	The Business Analytics Internship allows students to apply theories, ideas, principles, and abilities taught in class to real-world situations. Students will work under supervision in a cooperating agency or business. Using the internship as an "organizational laboratory," students enhance their abilities for careers in Business Analytics. Understanding business analytics needs and practices within an organizational framework, including culture, computer and management systems, operations, resources, goods, services, markets, service areas, and specialist areas, is the goal of the internship experience. Internship is an important part of the educational process because it allows students to gain practical experience in the field or setting in which they hope to pursue professional careers in the future.
Capstone in Business Analytics	The Capstone course is designed to enable students to integrate and apply the data analytics techniques, algorithms, methods, and tools they have learned throughout the program to real-world business problems. After concluding a data analytics lifecycle-focused group project, students will present their findings in a final report and oral defense. This course would greatly benefit students on the verge of entering the workforce. Students acquire valuable experience with teamwork, project planning and scheduling, report writing, presentation skills, and the interpretation of results.
Statistics for Business Decision-Making	This course introduces the use of statistics in business science and everyday life. It provides students with the knowledge to gather, process, and present statistical data, construct frequency charts, and compute measures of central tendency and standard and quartile deviations. This knowledge is then applied to solving business problems in sampling, hypothesis testing, regression and correlation, and trend analysis.

Master of Business Administration (MBA)

Welcome to our esteemed Master of Business Administration (MBA) Program, where innovation meets expertise to shape future leaders. Our program is designed to provide a comprehensive and dynamic learning experience, equipping students for success in the ever-evolving business landscape. With the option to focus on Business Analytics, Healthcare Management, or Project Management or choose a general MBA track, we offer education to match your professional goals and take your career to the next level.

Business Analytics Focus Area

Explore the realm of data-driven decision-making with our Business Analytics Focus. This program helps students gain proficiency in statistical analysis, data mining, predictive modeling, and business intelligence. The curriculum is designed to enhance quantitative skills, enabling graduates to utilize data for strategic insights, promoting innovation, and driving organizational success in the digital age.

Healthcare Management Focus Area

If you're interested in pursuing a career in the healthcare industry, our Healthcare Management focus area courses are designed to equip you with a specialized skillset that combines business acumen with healthcare expertise. Through this program, you will explore a variety of topics, such as AI Applications in Healthcare, Healthcare Marketing, and Healthcare Analytics. By the time you graduate, you'll be well-prepared to take on leadership positions in healthcare organizations, navigate regulatory landscapes, and drive improvements in patient outcomes as well as operational efficiency.

Project Management Focus Area

Master the art and science of effective project execution with our Project Management focus area. This track equips students with the skills to successfully initiate, plan, execute, monitor, and close projects. From risk management to stakeholder communication, participants understand project management methodologies and tools, positioning them as leaders in project-driven industries.

Vision

A Master of Business Administration (MBA) degree at AAU is designed for business professionals who seek future mobility and promotion in the work environment together with those who intend to proceed for their postgraduate studies.

Mission

MBA program equips participants with knowledge, skills and competence

to be able to lead and tackle local and global business challenges keeping in view human values, ethics and social responsibility in strategic decision making.

MBA Program Goals

- Prepare students to integrate theories and practice to analyze business situations critically.
- Encourage students to develop leadership and communication skills to work effectively with diverse team members.
- Motivate students to develop research and analytical skills to understand and resolve complex challenges in the business environment.
- Help students build a personal and professional value system to make decisions according to high ethical standards, keeping social responsibility and sustainability perspectives in mind.

Learning Outcomes:

Upon graduation, students should be able to:

No.	Program Learning Outcomes (PLOs)	QFE L9 Descriptors
1	Examine business situations in the local and global environment based on comprehensive knowledge and recent developments in the field of work or discipline.	K1-4, SK4, AR1, RC2
2	Demonstrate effective communication skills using state-of-art technology to present, explain, and critique complex business issues.	K3-4, SK5, AR1, RC1, SD3
3	Synthesize critical thinking and problem-solving skills to develop feasible and innovative solutions to complex business problems.	K3, SK1-4, AR1, RC1
4	Manage professional teams and build relationships reflecting on socio-cultural norms to achieve strategic goals.	K3-4, SK4-5, AR1,3, RC1-2, SD1-3
5	Appraise practices of ethics, corporate social responsibility, and sustainability in business decision-making.	K1-2,4, SK1-2, AR1-3, RC1, SD3
6	Apply integrated knowledge and advanced skills needed in General Management.	K1-4, SK1,3,4, AR2-3, RC2, SD1
7	Develop research and analytical skills to address complex challenges in the business environment.	K2-4, SK1-5, RC1, S D 2
8	Develop skills to lead and manage organizational change initiatives in a dynamic local and global business environment.	K1,4, SK2,3,5, AR3, RC1-2, SD3

MBA
Study Plan for Academic Year 2025/2026 (33 CR.H)

Course No.	Course Title	CR.H	Prerequisite
Total Credit Hours 33			
(I) Compulsory (Core) Courses (27) CR.H			
0501604	Leadership and Organizational Behavior	3	--
0501608	Quality and Operations Management	3	--
0501609	Strategic Management	3	0501604, 0509603, 0504606
0502603	Managerial Accounting	3	--
0503605	Financial Management	3	--
0504606	Marketing Management	3	--
0509603	Managerial Economics	3	--
0501690	Business Research Methods	3	--
0506607	Management Information Systems	3	--
(III) Elective Courses (6 Hours) A Student Can Choose Two Courses from or across any of the following Focus Areas			
Focus Area: Business Analytics (6 Hours)			
0506641	Business Analytics	3	--
0506642	Artificial Intelligence Applications in Contemporary Management	3	--
0506643	Supply Chain Analytics	3	--
0502641	Accounting Analytics	3	0502603
Focus Area: Healthcare Management (6 Hours)			
0507610	Healthcare Management	3	--
0507630	Healthcare Economics	3	0509603
0507640	Healthcare Information Systems	3	--
0507650	Artificial Intelligence for Healthcare Applications	3	--
Focus Area: Project Management (6 Hours)			
0508610	Project Management	3	--
0508620	Global Project Management	3	0508610
0508630	Project Risk Management	3	0508610
0508640	Project Management Analytics	3	0508610

***Upon Successful completion of 9 credit hours of Core Courses**

Guidance Plan / MBA

YEAR 1		YEAR 2	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**
Leadership and Organizational Behavior 0501604	Financial Management 0503605	Strategic Management 0501609	
Managerial Accounting 0502603	Quality and Operations Management 0501608	Elective 1	
Managerial Economics 0509603	Marketing Management 0504606	Elective 2	
Business Research Methods 0501690	MIS 0506607		
12 CH	**12 CH**	**9 CH**	
24 CH		**9 CH**	
Total = 33 CH			

Brief Course Descriptions

Course Code	Course Description
	Core Courses
Leadership and Organizational Behavior **0501604**	This course delves into the study of human behavior within organizational contexts, exploring the intricate relationship between individuals and the organization itself. This comprehensive course encompasses three interconnected domains, namely human behavior, organizational dynamics, and their mutual influence. For gaining a holistic understanding of organizational behavior, the students will critically examine the theories and practical applications of interpersonal and group processes, considering their impact on the overall performance of organizations. Emphasis will be placed on the essential topics such as individual differences, attitudes, personality, value system, perceptions, motivation, communication, leadership styles, organizational culture, organizational structure, and group dynamics. By mastering these concepts and implementing them effectively, individuals can significantly enhance their credibility as leaders and success of their organizations.
Quality and Operations Management **0501608**	The Quality and Operations Management course comprehensively explores key concepts, principles, strategies, and tools that underpin operational excellence and quality management within an organizational context. Students will analyze the critical aspects of operations, process design, and quality management, focusing on how these elements contribute to an organization's competitive advantage. This course equips students with the skills and knowledge to make informed decisions, drive continuous process improvement, and enhance sustainability while adhering to corporate social responsibility.
Strategic Management **0501609**	Strategic management is the process and practice of managerial decision-making and implementation that seeks to create and maintain competitive advantages. The purpose of this course is to expose students to basic theories, conceptual frameworks, methodologies, and business strategies. Based on what students studied in the MBA courses, this course is designed to be a capstone course. Students will examine various theoretical constructs to become more aware of their leadership styles, decision-making skills, and analytical abilities. The students will focus on polishing their ability to analyze external and internal environments and apply strategic business models to formulate, implement, and evaluate Business and Corporate Strategies. Students will identify and apply strategic models to analyze business problems, develop strategic solutions, and make sound decisions.
Managerial Accounting **0502603**	This course uses accounting information to plan and control operations and make sound business decisions. The course aims to enable students to gain an appreciation for emerging ideas, techniques, procedures, and practices in the field of management accounting. The comprehensive objective of the course is to provide students with a linkage between concepts and tools needed in planning, control, and decision-making. Traditional cost behavior concepts, cost-volume-profit (CVP) analysis, performance evaluation, and budgeting are updated with real-world examples and decision cases. New measures for relevant costs and benefits in the decision-making process.
Financial Management **0503605**	The main focus of this course is to provide students with the required knowledge and skills in financial management and the corporate decision-making process at the corporate level. The course demonstrates the role of financial management in maximizing the firm's value and shareholders' wealth. The course emphasizes both theoretical and practical perspectives. Students can take an active part in the class via case study discussions, student-to-student discussions, and project presentations that will simulate the real-world decision-making of a professional financial manager. UAE context will also be emphasized wherever appropriate by using different case studies and projects. This course will deal with several related topics, including the financial environment, analysis of financial statements and financial decision-making, time value of money, capital budgeting, bond valuation, stock valuation, and risk and return.

Marketing Management 0504606	This course introduces students to the fundamental theories and practices in the marketing process and the impact of the marketing environment on different marketing activities. The course covers the challenges confronting the marketing manager. It also introduces the students to marketing managers' target marketing and positioning processes. The course also presents the strategies applied by marketing managers related to product, distribution, sales, pricing, promotion, and consumer behavior in the context of an integrated marketing strategy to develop an ideal marketing mix.
Managerial Economics 0509603	This course provides an understanding of various economic analytical and theoretical approaches to managers for effective decision-making. It includes various topics such as market forces analysis, production, pricing, market structure, and a firm's decisions in risk and rivalry. The main objective of this course is to develop an economic perspective for students aspiring to manage a wide range of firms and business units. In addition, this course will further help equip the students to design effective economic policies to avoid uncertainties in a competitive global business environment.
Business Research Methods (0509601	This course aims to give students the fundamental knowledge and skills necessary for conducting research. The course is designed to cover three phases. At first, students will be familiarized with the research process, design, and methodologies to formulate a research problem. Second, students will learn some tools and instruments needed to conduct research (data collection, sampling, and analysis). Finally, in phase three, students will work with assigned faculty members according to their research interests in selecting a research topic in General Management and finalizing a research proposal.
Management Information Systems 0506607	This course is designed to provide students with the essential knowledge and skills needed to effectively implement information systems in organizations. Students will gain an understanding of how information systems and new technologies can be used to achieve efficiency, productivity, and a competitive advantage in organizations. Additionally, students will explore the organizational, ethical, and social implications associated with the adoption and implementation of information systems. They will also evaluate various strategies and methodologies to ensure successful implementation of information systems in organizations.
Focus Area: Business Analytics	
Business Analytics 0506641	This course aims to provide students with the skills and knowledge to effectively apply various analytical and statistical models to analyze large amounts of data. Students will learn to analyze large amounts of data to uncover new information and insights and effectively present results through visualizations to support the business operations and decisions of various functional areas, such as Accounting, Marketing, and Sales. This course will be delivered through lectures, case discussions, and lab sessions.
Artificial Intelligence Applications in Contemporary Management 0506642	This course aims to introduce students to AI concepts and technologies, providing them with the knowledge and skills necessary to integrate AI into the modern business environment. Students will explore its applications in various business functional areas and across diverse business sectors. Throughout the course, students will participate in case studies and collaborative projects to develop a practical understanding of AI concepts and its influence on business. Additionally, students will be well-prepared to make informed decisions about AI applications adoption and to assess the ethical implications of AI technologies in the business context.

Supply Chain Analytics **0506643**	This course explores the critical role of operations and supply chain analytics in modern business management. It provides a comprehensive understanding of the concepts, tools, and techniques used in optimizing operations and supply chain processes to improve organizational performance. Students will learn to make data-driven decisions, enhance efficiency, and gain a competitive edge in supply chain management.
Accounting Analytics **0502641**	This advanced accounting analytics course is tailored for MBA students seeking a comprehensive understanding of accounting data analytics and its practical applications in business decision-making. In our modern, data-driven business landscape, there is a substantial demand for accounting analytics professionals. The course is meticulously crafted to give students the necessary skills and knowledge to thrive in this dynamic field. Upon successfully completing this course, students will possess the requisite skills and knowledge to leverage data analytics in accounting. Whether their career ambitions lie in financial analysis, consultancy, or corporate strategy, this course prepares students for success in today's data-driven business landscape.
Focus Area: Healthcare Management	
Healthcare Management **0507610**	This Healthcare Management course offers a comprehensive examination of the profession that leads and guides organizations that deliver personal health services and divisions, departments, and units within those organizations. Students will develop a framework for addressing management challenges within healthcare organizations through a critical analysis of healthcare managers' roles, functions, and responsibilities. By the end of the course, students will have a solid understanding of various management theories, ideas, and applications and be able to implement them in real-world scenarios.
Healthcare Economics **0507630**	This Healthcare economics course provides a comprehensive overview of the field by combining economic theory, recent research, and health policy issues. The course focuses on the relationship between utility and health, allowing learners to analyze medical supply and demand on a domestic, regional, and international level. It begins by exploring essential methodological foundations through recent empirical studies and progresses to more advanced topics, such as the impact of medical reform, insurance plans, and new technologies in the healthcare industry.
Healthcare Information Systems **0507640**	This course provides a broad overview of the role of information systems within healthcare settings, considering both patient and practitioner perspectives and the technology used to serve both. Students critique healthcare information systems' impact on decision-making, managing healthcare costs, reporting, and improving patient outcomes. International legislation, regulatory requirements, and policies that affect Healthcare IT, such as HIPAA (USA), electronic health records, and healthcare policy, are explored and evaluated. Furthermore, the course covers innovations in health informatics and explores their impact on current practice.
Artificial Intelligence for Healthcare Applications **0507650**	This MBA course in Artificial Intelligence applications in Healthcare aims to provide students with a comprehensive understanding of AI's current and future applications in the healthcare industry. In addition, the course will equip students with the knowledge and skills necessary to develop personalized, patient-centered healthcare solutions using AI technologies. Emphasis will be placed on learning how to safely and ethically implement AI in clinical settings and effectively utilizing the vast amounts of existing healthcare data. By the end of the course, students will be able to identify and apply AI technologies to real-world healthcare challenges and develop innovative solutions that improve patient outcomes and overall healthcare delivery.

Focus Area: Project Management	
Project Management 0508610	The rapid growth in the use of project management processes, techniques, tools, and disciplines to successfully initiate, plan, manage, control, and implement a broad range of projects has gained significant momentum at all levels of an organization worldwide—techniques and application of managing projects as guided by PMBOK E7, emphasizing project management principles and domains. Students will be able to work on case studies and group projects to gain hands-on experience in project management. The course will also cover the latest trends and updates in PM, keeping students updated with industry standards.
Global Project Management 0508620	This course focuses on issues surrounding the management of global projects. This is achieved by providing a fundamental understanding of project management and how projects are managed in a global context. The course is designed for projects that span functional and geographic divides, and it expands the basic project management concepts into the worldwide area of cultural differences, environmental factors, and virtual project management. Topics include Introduction to traditional, distributed, and virtual project work; Global projects and requirements; Cross-cultural collaboration; Global project leadership; Coaching over a distance; Global communication and channels; implementing collaborative tools; and Implementing a Global Project Management Framework.
Project Risk Management 0508630	This course offers a thorough coverage of the practice of project risk management in the context of risk management concepts and practices. This course aims to acquaint students with the practical aspects of risk management procedures and techniques concerning their application in different business projects paying particular attention to how a project manager must assess each risk and develop the appropriate strategy to manage risk. In addition, this course introduces students to widely accepted risk identification, assessment, management, and control practices using effective tools and techniques.
Project Management Analytics 0508640	This course focuses on the role of Data Analytics (DA) in Business Analytics and its application in Project Management (PM). The course covers the evolution of analytics from Analytics 1.0 to Analytics 2.0, the importance of the data warehouse in the analytical process, the value that project DA brings to key players in PM, the risks associated with DA in PM, the communication of results and risks, the evolution of Project Management Offices (PMOs) towards analytical maturity, the concept of PMO as a multilevel data analysis center, and the delivery of data to project, portfolio, and organizational levels. The course includes relevant examples and business cases to explain the concepts and discussions on the near future of Analytics 3.0, including real-time analytics and the use of artificial intelligence and machine learning.

Master of Science in Business Data Analytics

The Master of Science (MSc) in Business Data Analytics is a rigorous, future-focused graduate program designed to prepare professionals to navigate and lead in data-driven business environments. Anchored in both local and global perspectives, the program equips students with advanced competencies in data analytics, big data, and machine learning, enabling them to critically evaluate complex business scenarios and formulate innovative, evidence-based solutions.

Through a combination of technical expertise, strategic insight, and ethical foundations, students will master the skill of transforming data into actionable intelligence. Emphasis is placed on effective communication using modern visualization tools, interdisciplinary collaboration, and cultural sensitivity in team management. The curriculum nurtures strong research skills and analytical thinking, empowering graduates to drive organizational change and sustainable growth in dynamic business environments.

Graduates will emerge as ethically responsible leaders and skilled analysts, capable of integrating advanced analytical tools across diverse business functions and shaping strategic decisions that are both impactful and sustainable.

Program Goals

- Graduates will be equipped to critically analyze and interpret complex business scenarios by applying data analytics, big data, and machine learning techniques in both local and global contexts. They will integrate critical thinking and problem-solving skills to design innovative, data-driven business solutions.
- Graduates will demonstrate the ability to communicate business insights effectively through advanced data visualization and technological tools, manage professional teams, and foster relationships that respect socio-cultural norms to achieve strategic objectives.
- Graduates will be capable of applying ethical reasoning, sustainability principles, and corporate social responsibility in data-driven decision-making processes, while utilizing interdisciplinary knowledge and analytical tools across key business functions.
- Graduates will develop intense research and analytical competencies to investigate complex business challenges and lead organizational change by leveraging data analytics in dynamic and evolving business environments.

Learning Outcomes:

Upon graduation, students should be able to:

No.	Program Learning Outcomes (PLOs)	QFE L9 Descriptors
1	Examine business situations in the local and global environment based on comprehensive knowledge and recent developments in the field of work or discipline.	K, R
2	Demonstrate effective communication skills using state-of-art technology to present, explain, and critique complex business issues.	SK, R
3	Synthesize critical thinking and problem-solving skills to develop feasible and innovative solutions to complex business problems.	SK, R
4	Manage professional teams and build relationships reflecting on socio-cultural norms to achieve strategic goals.	SK, R
5	Appraise practices of ethics, corporate social responsibility, and sustainability in business decision-making.	K, R
6	Apply integrated knowledge and advanced skills needed in General Management.	K, SK
7	Develop research and analytical skills to address complex challenges in the business environment.	K, SK
8	Develop skills to lead and manage organizational change initiatives in a dynamic local and global business environment.	R

Master of Science in Business Data Analytics
Study Plan for Academic Year 2025/2026 (33 CR.H)

Code	Course Title	CR.H.	Pre-requisite
Core Courses (21) CR.H.			
0507611	Data Governance, Strategy & Management	3	
0507612	Database Management	3	
0507613	Business Data Analytics	3	
0507614	Business Intelligence and Data Visualization	3	
0507615	Machine Learning for Business	3	0507613
0507616	Data Ethics and Legal Frameworks	3	
0507617	Cloud Computing for Analytics	3	
Applied Research Projects (6) CR.H.			
0507680	Predictive Data Analytics	3	0507613
0507690	Business Data Analytics Capstone	3	0507615
Elective Courses (6) CR.H.			
0502622	Financial and Accounting Analytics	3	0507613
0504621	Marketing Analytics	3	0507613
0506622	Supply Chain Analytics	3	0507613
0506623	Big Data Analytics & Technologies	3	0507613
0506626	Programming for Business Data Analytics	3	0507613
0506627	Advanced Topics in Machine Learning	3	0507613
0507624	Healthcare Analytics	3	0507613
0508625	Project Management Analytics	3	0507613

Guidance Plan / MBA

YEAR 1		YEAR 2	
Semester 1	**Semester 2**	**Semester 1**	**Semester 2**
Data Governance, Strategy & Management 0507611	Machine Learning for Business 0507615	Predictive Data Analytics 0507680	
Database Management 0507612	Data Ethics and Legal Frameworks 0507616	Business Data Analytics Capstone 0507690	
Business Data Analytics 0507613	Cloud Computing for Analytics 0507617	Elective 2	
Business Intelligence and Data Visualization 0507614	Elective 1		
12 CH	**12 CH**	**9 CH**	
24 CH		**9 CH**	
Total = 33 CH			

Brief Course Descriptions

Course Code	Course Description
	Core Courses
Data Governance, Strategy & Management 0507611	This course explores the strategic role of data governance in modern organizations, emphasizing its value in enhancing decision-making, operational efficiency, and regulatory compliance. Students will critically examine data governance principles, frameworks, and models and evaluate the use of tools and technologies to ensure data quality, metadata management, and data protection. The course also highlights key professional roles in data governance and their significance in supporting enterprise-wide data analytics initiatives. Through the analysis of real-world cases across sectors such as healthcare, banking, retail, and manufacturing, students will identify best practices and common challenges in data governance implementation. Finally, students will explore the future landscape of data governance, with a focus on emerging trends and enabling technologies such as artificial intelligence and machine learning.
Database Management 0507612	This graduate-level course provides a comprehensive foundation in modern database development, emphasizing the principles and practices essential for database professionals in today's data-driven business environment. Students will engage with the full data-to-analysis pipeline—from data modeling and normalization to advanced SQL for analytical applications. The course highlights the role of databases in business analytics, covering topics such as cloud-based data management, big data, and data infrastructure. Through hands-on experience with tools like Oracle, MySQL, and cloud platforms, students will learn to design, implement, and manage scalable databases that support strategic decision-making and business intelligence initiatives.
Business Data Analytics 0507613	This course equips students with the knowledge and practical skills necessary to collect, process, analyze, and visualize both structured and unstructured business data to support objective, evidence-based decisionmaking. Covering the full spectrum of analytics—descriptive, predictive, and prescriptive, the course integrates traditional quantitative techniques with modern AI and machine learning tools to solve complex business problems and drive strategic value in a data-driven and digital economy.
Business Intelligence and Data Visualization 0507614	This graduate-level course offers a comprehensive exploration of Business Intelligence (BI) tools, techniques, and data visualization, with a strong emphasis on best practices for designing and communicating with data. Using industry-standard platforms such as Power BI and Tableau, students will learn to visually explore datasets, select appropriate chart types, apply purposeful color schemes, and develop interactive dashboards that align with strategic business objectives. Through applied projects and real-world examples, students will gain the skills to transform complex data into compelling visual narratives that inform, persuade, and influence key stakeholders.
Machine Learning for Business 0507615	This course introduces machine learning in a hands-on and practical way. Students will work with real-world data to clean, transform, and model it. Learn how machines "learn" from data to make smarter decisions. The course covers key techniques like classification, regression, and clustering. Explore both supervised and unsupervised learning methods. Understand how to evaluate model performance and avoid common pitfalls. Lessons combine lectures, coding exercises, and real business cases. The course focuses on how machine learning supports business insights and innovation. The course is ideal for those seeking to analyze trends, improve operations, or predict outcomes. No prior experience in machine learning is needed to join the course. A basic knowledge of Python and statistics will be helpful.

Data Ethics and Legal Frameworks **0507616**	This course aims to develop students' awareness of ethical dilemmas and ongoing debates surrounding the use of data analytics and enabling technologies such as artificial intelligence (AI) and machine learning. It examines core ethical principles and challenges in the context of data-driven environments. Key topics include data privacy, security, bias, transparency, accountability, and ethical concerns in AI and big data applications. Emphasis is placed on applying ethical and regulatory frameworks, analyzing real-world dilemmas, and ensuring compliance with international standards. Through case studies, critical analysis, and a research project, students will build the ability to evaluate, articulate, and implement ethical practices in data-driven decision-making.
Cloud Computing for Analytics **0507617**	This course explores key cloud computing concepts and its role in enabling modern business analytics. Students will examine how cloud platforms such as Amazon Web Services (AWS) and Microsoft Azure provide scalable, cost-effective solutions for data storage and processing to support decision-making. Topics include cloud service models (IaaS, PaaS, SaaS), cloud-based data management, virtualization, cloud storage technologies, analytics tools, and real-world applications across industries. Emphasis is placed on the strategic benefits, cost considerations, and security aspects of cloud adoption. Through hands-on projects and case studies, students will learn to evaluate cloud solutions, apply cloud tools for analytics, and understand how cloud computing supports digital transformation and data-driven strategy.
Predictive Data Analytics **0507680**	This graduate-level course equips students with the knowledge and skills to apply predictive analytics techniques to real-world business problems. The course covers data analysis process, including data preparation, modeling, and evaluation. Students will explore advanced analytical methods such as decision trees, clustering, association, logistic regression, time-series forecasting, natural language processing for text analytics, neural networks, and deep learning. The course will focus on the practical application of these methods using modern tools and platforms to support data-driven decision-making
Business Data Analytics Capstone **0507690**	This capstone course serves as the culmination of the Master's in Business Data Analytics program. Students will have the opportunity to integrate and apply the analytical, technical, and professional skills acquired throughout the program to address real-world business challenges. Students will work individually under faculty supervision to identify and frame a complex business problem, conduct a relevant literature review, acquire and prepare data, apply advanced analytics techniques (e.g., machine learning, statistical modeling, optimization), and develop actionable, ethical, and domain-specific solutions. The course emphasizes the full analytics lifecycle, from problem formulation to model development. Additionally, students will communicate key insights through professional reports and presentations. Students need to submit a complete final report that presents the analysis and conclusions, reflecting what they learned and how their project could create a real- world impact. In addition to delivering a live presentation of the findings.
Financial and Accounting Analytics **0502622**	Data analytic skills are core for finance and accounting students in our data-intensive business environment to make informed decisions. In this course, we focus on developing an analytics mindset where students can learn to frame managerial questions, assemble the data, compute relevant metrics, identify actionable insights, and design effective communication of the results. The course covers topics related to data analytics for finance and accounting, the modern accounting environment, audit data analytics, managerial analytics, and financial statement analytics.
Marketing Analytics **0504621**	Marketing analytics introduces students to the value of an analytics-based approach to decision-making and explores how analytics is applied within organizations. Students will gain a deep knowledge in data technology used in marketing, including data collection, analysis, and visualization. This course covers key topics such as data management, sentiment analysis, cluster analysis, and experimental design. The course will help students to develop the skills needed to interpret and apply marketing data effectively for better decision making.

Supply Chain Analytics **0506622**	This course explores the application of data analytics in supply chain management to improve decisionmaking, optimize processes, and enhance operational efficiency. Students will evaluate real-time data and predictive models to address challenges in sourcing, inventory, transportation, and demand forecasting. Emphasis is placed on leveraging advanced analytics tools and data visualization to make evidence-based decisions aligned with strategic business goals and sustainability considerations.
Big Data Analytics & Technologies **0506623**	This course provides an in-depth exploration of Big Data analytics and architecture, focusing on the full data lifecycle from collection to visualization. Students will gain hands-on experience with tools like Hadoop, Spark, Kafka, and MongoDB to develop scalable data solutions. Key topics include feature engineering, machine learning on large datasets, stream processing, and Big Data security. Through applied labs and a capstone project, students will learn to address privacy, ethical, and performance challenges in real-world data environments.
Programming for Business Data Analytics **0506626**	This course equips students with comprehensive programming skills and hands-on experience using programming languages such as Python and R for business analytics. Students will develop solutions to realworld data problems using relevant language libraries. The course emphasizes advanced data manipulation, analytics pipeline development, and the construction of machine learning models with practical applications across business functions, including marketing, finance, operations, and human resources analytics.
Advanced Topics in Machine Learning **0506627**	This course equips students with practical skills in advanced machine learning techniques, focusing on their application to real-world business challenges rather than theoretical derivations. Designed for graduate students in business data analytics, the course emphasizes how to design, implement, and evaluate advanced ML models that drive decision-making across business domains such as marketing, finance, operations, and strategy. Student will be guided to prepare a conference research paper by applying machine learning algorithms based on their interest.
Healthcare Analytics **0507624**	This course explores the foundational concepts and practical applications of data analytics and artificial intelligence (AI) in healthcare. It addresses the healthcare environment, the growing demand for data-driven innovation, and the key technologies driving AI adoption in both clinical and operational contexts. Students will examine core data mining techniques and algorithms—such as association rules, clustering, classification, and regression —and apply them to real-world healthcare datasets to support clinical decision-making and enhance healthcare delivery. The course also considers the ethical, legal, and policy implications of AI in healthcare, including responsible data use and the evaluation of AI-enabled applications. Through case studies, hands-on analysis, and an applied project, students will develop the skills needed to implement effective, analytics-driven healthcare solutions.
Project Management Analytics **0508625**	This course focuses on the role of Data Analytics (DA) in Business Analytics and its application in Project Management (PM). The course covers the evolution of analytics from Analytics 1.0 to Analytics 2.0, the importance of the data warehouse in the analytical process, the value that project DA brings to key players in PM, the risks associated with DA in PM, the communication of results and risks, the evolution of Project Management Offices (PMOs) towards analytical maturity, the concept of PMO as a multilevel data analysis center, and the delivery of data to project, portfolio, and organizational levels. The course includes relevant examples and business cases to explain the concepts and discussions on the near future of Analytics 3.0, including real-time analytics and the use of artificial intelligence and machine learning.

Doctor of Business Administration (DBA) Program

The DBA Program offers exciting opportunities to those who want to address the problems of practice through scientific and innovative approaches using contemporary research methodologies. It aims to prepare participants to advance their business knowledge and develop leadership qualities to handle challenging business problems in a dynamic business environment.

The program is structured into three key components:

- Core Coursework: establishes a solid theoretical foundation.
- Electives: allows for an in-depth exploration of a chosen area of interest.
- Research Preparation and Dissertation: involves selecting a problem of practice, designing a research methodology, and completing a dissertation.

The dissertation is intended to conduct an in-depth investigation of the problem identified in the research plan and to propose strategic solutions grounded in scientific evidence.

Vision

To be a leading academic program recognized for cultivating thoughtful, innovative leaders who advance business knowledge and create sustainable impact.

Mission

The DBA program prepares executive leaders to drive impactful change locally and globally through a rigorous academic foundation and advanced competencies rooted in ethics, social responsibility, sustainability, and evidence-based practice.

Goals

- To demonstrate advanced knowledge and methodological expertise to conduct impactful research to address problems of practice.
- To design and execute theoretically grounded and methodologically sound research to address complex business problems.
- To engage in scholarly communication and dissemination of research with clarity, impact, and academic integrity.
- To lead research initiatives with ethical integrity, social responsibility, and strategic insight.

Learning Outcomes

Upon graduation, students should be able to:

No.	Program Learning Outcomes (PLOs)	QFE L9 Descriptors
1	Appraise knowledge of Business, Management, Technology, and related fields essential for producing research that contributes to extending the boundaries of knowledge.	K, SK
2	Develop statistical foundations and advanced empirical tools to develop a research strategy suitable for doctoral research addressing problems of practice	SK, R
3	Apply rigorous and theoretically appropriate research skills and recognize the limitations of specific research methods.	K, SK
4	Demonstrate competency in developing research proposals grounded on existing theories to derive new ideas and solutions to address problems of practice.	SK, R
5	Justify intellectual discourse with peers, the academic community, and other stakeholders through coherent writing.(Written). Communicate the content of research articles/ trade articles and participate as an independent presenter or commentator. (Oral).	SK, R
6	Demonstrate contemporary standards of scholarship and make an original contribution to the body of knowledge and practice.	K, R
7	Comply with ethical principles, social responsibility, and sustainability during the research process.	R
8	Propose insightful and innovative solutions for problems of practice in various contexts with a high level of personal autonomy and accountability.	K, SK, R

Doctor of Business Administration (DBA) Program
Study Plan for Academic Year 2025/2026 (54 CR.H)

Code	Course Name	CR.H.	Pre-requisite
Core Courses- (21) CR.H.			
0501710	Organization Theory and Behavior	3	
0501720	Business Analytics and Managerial Decision-Making	3	
0501730	Artificial Intelligence in Business	3	
0501740	Business Research Methods	3	
0501750	Advanced Economics of Strategy	3	
0501760	Advanced Strategic Management	3	0501710
0501770	Ethics, Governance, and Sustainability	3	
Elective 1 Course- (3) CR.H.			
0501771	Doctoral Seminar on Contemporary Business Issues in the Field of Study	3	
0501772	Global Business Environment	3	
0501773	Innovation and Change Management	3	
Dissertation- (30) CR.H.			
0501780	Research Proposal	3	15 CR.H. (Core) & 3 CR.H. (Elective)
0501790	DBA Dissertation 1	9	0501780
0501791	DBA Dissertation 2	9	0501790
0501792	DBA Dissertation 3	9	0501791

Guidance Plan / Doctor of Business Administration (DBA)

<table>
<tr><th colspan="2">YEAR 1</th><th colspan="2">YEAR 2</th><th colspan="2">YEAR 3</th></tr>
<tr><th>Semester 1</th><th>Semester 2</th><th>Semester 1</th><th>Semester 2</th><th>Semester 1</th><th>Semester 2</th></tr>
<tr><td>Organization Theory and Behavior 0501710</td><td>Artificial Intelligence in Business 0501730</td><td>Advanced Economics of Strategy 0501750</td><td>Advanced Strategic Management 0501760</td><td colspan="2" rowspan="3">DBA Dissertation 0501790</td></tr>
<tr><td rowspan="2">Business Research Methods 0501740</td><td rowspan="2">Business Analytics and Managerial Decision-Making 0501720</td><td>Ethics, Governance, and Sustainability 0501770</td><td>Elective</td></tr>
<tr><td colspan="2">Research Proposal 0501780</td></tr>
<tr><td>6 CH</td><td>6 CH</td><td>9 CH</td><td>6 CH</td><td colspan="2">27 CR.H.</td></tr>
<tr><td colspan="2">12 CH</td><td colspan="2">15 CH</td><td colspan="2">27 CH</td></tr>
<tr><td colspan="6">Total = 54 CH</td></tr>
</table>

Brief Course Descriptions

Course Code	Course Description
	Core Courses
Organization Theory and Behavior **0501710**	This course explores classical and contemporary theories of organizational structure, behavior, and development, emphasizing how individuals and groups interact within organizational systems. Through the lens of applied research, students will critically evaluate the dynamics of leadership, motivation, culture, power, and change. The course prepares students to synthesize behavioral theory and empirical evidence to address organizational challenges, promote ethical leadership, and drive sustainable performance.
Business Analytics and Managerial Decision-Making **0501720**	This course explores advanced business analytics techniques and managerial decision-making frameworks, focusing on the strategic use of data for optimizing business performance. It integrates quantitative methods, predictive analytics, machine learning, and AI-driven decision models to enhance managerial effectiveness. Emphasizing a research-driven approach, students will critically evaluate analytical methodologies, apply data-driven decision-making strategies, and address complex business challenges through empirical investigation. Ethical considerations and data governance are incorporated to ensure responsible analytics practices.
Artificial Intelligence in Business **0501730**	This course explores the strategic applications of Artificial Intelligence (AI) in business, focusing on the use of machine learning, natural language processing, robotics, and automation to drive competitive advantage and operational efficiency. Students will critically evaluate AI-driven decision-making models, data analytics, and algorithmic business strategies, incorporating research-driven insights to assess the impact of AI on various industries. Ethical considerations, governance, and risk management in AI adoption will be examined to ensure responsible implementation. Through case studies, empirical research, and hands-on applications, students will develop the expertise to design and implement AI-powered business solutions that align with organizational goals and market demands.
Business Research Methods **0501740**	This course provides doctoral students with an advanced understanding of research philosophy, design, and methods in the context of business practice. It emphasizes the critical evaluation of qualitative, quantitative, and mixed-method approaches, equipping students with the skills to design rigorous, ethically sound research strategies. Through scholarly literature synthesis and empirical tool application, students will formulate research problems, construct conceptual frameworks, and justify the methodological choices essential for proposing doctoral-level research. The course provides the foundation for developing original, impactful research proposals that contribute to business theory and practice.
Advanced Economics of Strategy **0501750**	This course explores the intersection of strategic management and economics, focusing on how firms compete, position themselves in markets, and create long-term value. Emphasizing applied economic theory and empirical research, students will critically assess market structures, pricing strategies, game theory, innovation, and policy implications. The course equips students with the analytical tools and research competencies needed to develop strategic solutions for complex business problems while contributing to the scholarly understanding of competitive behavior and economic performance.
Advanced Strategic Management **0501760**	This course offers an in-depth exploration of strategic management theories, frameworks, and practices with a focus on creating sustained competitive advantage in complex and dynamic business environments. Students will engage in the critical evaluation of advanced strategy concepts, analyze global strategic challenges, and apply research methods to propose evidence-based strategic solutions. The course emphasizes the integration of applied research, ethics, innovation, and sustainability into strategic thinking and decision-making processes.

Ethics, Governance, and Sustainability **0501770**	This course explores the ethical, governance, and sustainability dimensions of contemporary business practices. It emphasizes critical inquiry into corporate social responsibility, ESG frameworks, stakeholder theory, and ethical leadership. Students will examine governance mechanisms and sustainability strategies through an applied research lens to evaluate and propose responsible business practices. The course promotes ethical decision-making, regulatory awareness, and strategic alignment with social and environmental imperatives.
Doctoral Seminar on Contemporary Business Issues in the Field of Study **0501771**	This doctoral seminar explores emerging and contemporary business issues tailored to each student's field of study. Through a series of faculty- and peer-led seminars, students will critically engage with recent developments in academic and practitioner literature, evaluate ongoing debates, and formulate research-based responses to complex business challenges. The course emphasizes interdisciplinary perspectives, applied research, and scholarly discourse, helping students synthesize insights from their specialization and contribute to theory and practice through advanced academic inquiry.
Global Business Environment **0501772**	This course explores the dynamics of the global business environment and its influence on managerial and strategic decision-making. Students will evaluate the impact of globalization, international trade policies, geopolitical risks, and cultural contexts on global operations. The course integrates applied research and strategic analysis to examine opportunities and challenges multinational firms face in dynamic economic, technological, and regulatory environments. Emphasis is placed on ethical decision-making, cross-border collaboration, and sustainable business practices.
Innovation and Change Management **0501773**	This course examines advanced theories and practices in innovation and change management, emphasizing the strategic role of innovation in organizational transformation. Students will critically evaluate innovation processes, resistance to change, and organizational learning while applying research methods to propose data-driven solutions for change initiatives. The course integrates leadership, systems thinking, and ethical considerations, preparing students to lead change in complex and evolving business environments.
Research Proposal **0501780**	This course guides doctoral students through the development of a rigorous and original research proposal that serves as the foundation for their dissertation. Building on prior knowledge of business research methods, students will synthesize relevant literature; articulate a research problem rooted in practice, and design a coherent methodological framework. The course emphasizes the formulation of research questions or hypotheses, selection of appropriate qualitative, quantitative, or mixed methods, and application of ethical research practices. Through intensive writing, peer feedback, and oral defense, students will produce a scholarly proposal that demonstrates theoretical grounding, methodological soundness, and potential for real-world impact.
DBA Dissertation **0501790**	The DBA Dissertation is the culminating component of the Doctor of Business Administration program. Building upon the approved research proposal from course 0501780, students will conduct original applied research that addresses a significant problem of practice within their field of study. Under faculty supervision, students will collect and analyze data, interpret findings in light of relevant theories, and generate practical and scholarly contributions. The dissertation must demonstrate methodological rigor, ethical integrity, and alignment with contemporary business challenges.

Academic Staff - College of Business
Al Ain Campus

No.	Faculty Member Name	University/Country	Rank
1	Dr. Zafar Husain	Indian Institute of Technology,Delhi, India	Professor
2	Dr. Abdelhafid Belarbi	University of Cincinnati, USA	Professor
3	Dr. Belkacem Athamena	Annaba University, Algeria	Professor
4	Dr. Mohanad Halaweh	De Montfort University, UK	Professor
5	Dr. Shorouq El- Etter	University of Tenaga National, Malaysia	Associate Professor
6	Dr. Ahmed Abou Samak	University of Birmingham, UK	Associate Professor
7	Dr. Kholoud Al Qeisi	Brunel University, UK	Associate Professor
8	Dr. Mosab Tabash	University of Delhi, India	Associate Professor
9	Dr. Tahira Yasmin	University of Tenaga National, Malaysia	Associate Professor
10	Dr. Mohamed Elmaghrabi	University of Stirling, UK	Associate Professor
11	Dr. Maha Rahrouh	University of Durham, UK	Assistant Professor
12	Dr. Mohammad Al Omari	Universiti Sains Malaysia, Malaysia	Assistant Professor

Academic Staff - College of Business
Abu Dhabi Campus

No.	Faculty Member Name	University/Country	Rank
1	Dr. Amer Qasim	University of Aberdeen, UK	Professor
2	Dr. Habib Chabchoub	Laval University, Canada	Professor
3	Dr. Rania Mostafa	Universities in Leeds, UK	Professor
4	Dr. Ibrahim Niankara	Oklahoma State University, USA	Associate Professor
5	Dr. Iffat Sabir	University of Hull, UK	Associate Professor
6	Dr. Jamil Razmak	Laurentian University, Canada	Associate Professor
7	Dr. Mariam Farooq	Aix-Marseille University, France	Associate Professor
8	Dr. Mohammad Sharairi	University of Canberra Australia	Assistant Professor
9	Dr. Riham Muqattash	Amman Arab University, Jordan	Associate Professor
10	Dr. Wejdan Farhan	Laurentian University, ON, Canada	Associate Professor
11	Dr. Yasin Karsoo	University of Strathclyde, UK	Assistant Professor
12	Dr. Tamara Fahid Mohammad	University of Gloucestershire, UK	Assistant Professor
13	Dr. Mohamed Ahmed Shaker	Brunel University, UK	Assistant Professor

Labs

Several computer labs are available for the College of Business faculty members and students. Each lab is equipped with computers and essential software to deliver business classes. These labs are used to teach Math for Business courses, Statistics for Business Decision Making courses, and MIS courses such as programming, web engineering, DBMS, project management, and accounting information systems.

Community Engagement

We believe no man/woman is an island at the College of Business. Every individual carries a responsibility toward society. Congruent with this, the College of Business grabs every opportunity to reach out to the local community and to actively engage in community service through workshops, seminars, services, and consultation. The College emphasizes the impact of community engagement activities on the program, faculty members' research, students, and the business community.

Examples of community engagement activities include:

- The College of Business organizes "The Annual Environmental Day" to promote environmental awareness among the students' community. The theme is chosen based on the current global business and economic scenario. In addition, speakers from the industry, academia, and research community shared ideas with the audience. The event also included other activities for students.
- Online Open Lecture delivered by Dr. Mosab Tabash, organized by Onism Consultancy, Malaysia, entitled "How to Select a High Impact Academic Journal?"
- The College of Business organizes “Knowledge Bazar Day” to engage pupils with university activities in a way that solicit future prospects to join the COB.
- The College of Business conducted Research and Innovation Exhibition. The event provides a platform for students to present their research proposals, innovative ideas, prototypes, and proposed business solutions to a wider academic and professional audience.

COLLEGE OF COMMUNICATION AND MEDIA

About the college

The College of Communication and Media focuses on offering new and innovative academic programs. By prioritizing learning through practice, it provides students with the opportunity to develop their digital media and communication skills in state-of-the-art laboratories and studios, which include photographic and digital photography labs, print design workshops, prototyping labs, gallery spaces, and newsrooms.

The College's curriculum also covers theoretical courses such as media theories, public relations, advertising and digital marketing, crisis communication, and scientific research methods in communication and media. Through its faculty members, research groups, partnerships with relevant institutions, and advanced technical facilities, the College encourages students to develop critical thinking, creative vision, and professional practices that prepare them for the labor market. The College has been awarded International Academic Accreditation from AQAS, demonstrating that it meets European academic standards.

The CoC&M has four undergraduate programs: Digital Media, Advertising and Digital Marketing, Public Relations, Communication and Crisis, and one master's program in Digital Media and Public Relations. These programs are designed to graduate highly qualified national professionals who possess advanced knowledge, skills, and experience, along with the ability to work effectively as members of a team within their respective sectors. The College offers its programs primarily in Arabic, with selected courses taught in English.

Who are they for?

These programs are designed for students who seek to expand their knowledge and skills while enhancing their academic and practical development in the fields and professions of communication and media. Our programs integrate academic knowledge with applied skills and are delivered by distinguished academics, industry experts, and experienced practitioners who bring extensive academic and professional expertise.)

Vision

The College of Communication and Media aspires to be a regional and global leader in communication and media education, research, and innovation by capitalizing on advances in technology, modern tools, and emerging digital media.

Mission

The College of Communication and Media works to prepare qualified individuals capable of creativity and innovation in the fields of digital media and communication by providing a distinguished academic and research environment that contributes to community service and meeting labor market demands.

College Council

No.	Name	Title
1	Dr. Rahima Aissani	Chair
2	Prof. Mohammed Nuseir	Member
3	Dr. Rania Abdel Qader Abdullah	Member
4	Prof. Abdulkrim Ziani	Member
5	Dr. Nahida Makhadmeh	Member
6	Dr. Sawsan Taha	Member

Objectives

1. Delivering leading educational programs in digital media and communication that address contemporary societal and industry needs.
2. Producing innovative scientific research and scholarly output in the fields of media and communication.
3. Contributing to sustainable development through community engagement, initiatives, activities, and events.
4. Establishing local and international partnerships to promote knowledge integration and the exchange of expertise in media and communication.
5. Preparing and supplying the labor market with highly skilled professionals specialized in digital media and communication.

Programs:

The College of Communication and Media offers five undergraduate programs:
- Bachelor of Communication and Media.
- Bachelor of Digital Media.
- Bachelor of Digital Advertising and Marketing.
- Bachelor of Public Relations.
- Bachelor of Communication and Crises.

And one master's program: “Master of Arts in Digital Media and Public Relations”.

I. Bachelor of Communication and Media program:

1. Overview:

The College of Communication and Media offers the Bachelor of Mass Communication and Media program with three specializations:

- **Bachelor of Mass Communication and Media - Digital Journalism:**

it is designed in line with the requirements of the labour market and the major transformations imposed by new communication technology in the field of journalism and media. It deals with the means and methods of communicating information to the public, and the dependence of press institutions and their public on the media and digital media tools including the Internet and its applications, e-journalism, electronic portals, blogs, and social networks.

It is, therefore, necessary to shift to teaching students of the major the knowledge and arts of these media and their uses in the field of journalism and media. It aims to equip the students with the necessary skills to plan, design and produce digital press content, methods including methods of writing and editing materials. It also aims to give the students the ability to digital productions for each interactive platform according to ethical and professional standards in the field.

- **Bachelor of Mass Communication and Media - Advertising:**

It is designed to provide the students with the basic knowledge in the field of Advertising, its techniques, develop creative thinking skills and find the appropriate solutions to advertising problems, and graduate students who are able to design, plan, implement and evaluate advertising campaigns.

- **Bachelor of Mass Communication and Media - Public Relations:**

It seeks provide the students with the basic knowledge, principles and foundations of public relations and ways of dealing with mass media in various institutions, and keep them aware with the latest international developments in the PR.

2. Vision

The program aligns with the vision of the college and university. It aspires to be a leading program in qualifying students in the fields of Journalism, Advertising, and Public Relations. Additionally, it aims to equip students with the necessary skills in scientific research to meet the demands of the labor market.

3. Mission

The program aims to prepare students with high-level skills in the fields of Journalism, Advertising, and Public Relations, in line with the advancements in modern communication.

4. Program Goals:

- Equipping students with the fundamental concepts and theories pertaining to communication and media.
- Training and qualifying students to practice skillfully and efficiently in diverse fields of communication and media
- Equipping students with essential skills for utilizing new technology in conducting research and studies in the fields of communication, media, and public opinion research.
- Training students in the planning and preparation of media campaigns, as well as the design of advertising in various media platforms.
- Providing institutions with experts in journalism, advertising, and public relations to effectively advance the fields of communication and media for the benefits of society.

Study Plan for Academic Year 2025/2026 - (123) CR.H./ Mass Communication and Media - Digital Journalism

Course No.	Course Title	CR.H.	Prerequisite
General Education Program (33) CR.H.			
Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120	English I	3	
0401121	English 2	3	**0401120**
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
Society and Civilization Elective (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100A	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100A	Ethical Awareness	3	
0409102A	Environmental Awareness	3	
Managerial Skills Elective (3) CR.H.			
0303100	Law and Society	3	
0408103A	Thinking Skills	3	
0408104A	Self-Assessment	3	
0501100A	Introduction to Time Management	3	
0501150A	Leadership and Teamwork	3	
Compulsory College Requirements (51) CR.H.			
0102411A	Multimedia	3	**0102120**
0405312	Literary and Artistic Criticism	3	
0501200A	Principles of Management	3	
0504200A	Marketing Management	3	
0506423A	Web Design	3	**0102120**
0509100C	Principles of Economics	3	
0601200	Introduction to Journalism	3	
0601201	Mass Communication Law and Ethics	3	**0601200**
0601202	Mass Media in the UAE	3	
0601203	Introduction to Political Science	3	
0601204	Communication Theories	3	
0602200	Introduction to Advertising	3	**0509100C**
0602201	Introduction to Fine Arts	3	
0602202	Digital Photography	3	
0602203	Mass Comm. Research Methods	3	**0508203A**
0603200	Introduction to Public Relations	3	
0603201	Public Opinion	3	**0603200**

Course No.	Course Title	CR.H.	Prerequisite
Specialization Courses (39) CR.H.			
(1) Compulsory Courses (30) CR.H.			
0601311	Writing for digital journalism	3	**0601200**
0601321	News Editing for Digital Journalism	3	**0601311**
0601340E	Digital Photojournalism	3	**0602202**
0601350E	Computer Graphics	3	**0102411A**
0601351	Mobile journalism (MOJO)	3	**0601311 & 0601340E**
0601460	Journalism & Social Media	3	**06013_{11}**
0601471	Data Journalism	3	**0601311**
0601482	Content creation for digital journalism	3	**90 CR.H.**
0601491	Internship for digital journalism	3	**102 CR.H.**
0601498	Graduation Project for digital journalism	3	**105 CR.H.**
(2) Elective Courses (9) CR.H.			
0601320	Investigative Journalism	3	**0601200**
0601411E	Media translation	3	**0401121 & 0601200**
0601461	Digital storytelling	3	**0601311**
0601462	The Art of Diction	3	**0601204**
0601481	Digital Journalism Campaign	3	**0601200**
0601483	Visual communication	3	**0601200**
0603202	The Art of Persuasion	3	**0601204**

Guidance Plan / Mass Communication and Media - Digital Journalism

	السَنة الأولى First Year		السنة الثانية Second Year		السَنة الثالثة Third Year		السَنة الرَابعة Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Islamic culture الثّقافة الإسلامية 0406110	English 1 اللّغة الإنجليزية1 0401120	Elective Course – First Group اختياري من المجموعة الأولى General Requirement	English 2 اللغة الإنجليزية 2 0401121	Elective Course – second Group اختياري من المجموعة الثّانية General Requirement	Elective Course تخصص اختياري	Elective Course تخصص اختياري	Elective Course تخصص اختياري
	Arabic language اللغة العربية 0405100	Scientific Research Methodology منهجية البحث العلمي 0508203A	Computer skills مهارات الحاسوب 0102120	UAE Studies الدّراسات الإماراتية 0409103	Science & life العلم والحياة 0201111A	Fundamentals of Innovation & Entrepreneurship أساسيات الابتكار وريادة الأعمال 0501170A	News Editing for Digital Journalism تحرير الأخبار للصَحافة الرّقمية 0601321	Data Journalism صحافة البيانات 0601471
	Introduction to Journalism مدخل إلى الصَحافة 0601200	Principles of Management مبادئ الإدارة 0501200A	Mass Comm. Law & Ethics أخلاقيات الإعلام وتشريعاته 0601201	Digital photography التّصوير الرّقمي 0602202	Literary & art criticism النّقد الأدبي والفني 0405312	Multimedia الوسائط المتعددة 0102411A	Computer Graphics كمبيوتر جرافيك 0601350E	Content creation for digital journalism صناعة المحتوى للصَحافة الرّقمية 0601482
	Communication theories نظريات الاتصال 0601204	Principles of Economics مبادئ علم الاقتصاد 0509100C	Mass Comm. Research Methods مناهج البحث العلمي في الاتصال والإعلام 0602203	Marketing Management إدارة التّسويق 0504200A	Web Design تصميم مواقع الإنترنت 0506423A	Writing for digital journalism الكتابة للصَحافة الرّقمية 0601311	Mobile journalism صحافة الموبايل 0601351	Internship التّدريب الميداني 0601491
	Introduction to Public Relation مقدمة في العلاقات العامة 0603200	Introduction to political science مقدمة في علم السّياسة 0601203	Intr. Advertising مقدمة في الإعلان 0602200	Public Opinion الرّأي العام 0603201	The media in the Emirates وسائل الإعلام في الإمارات 0601202	Digital Photojournalism التّصوير الصّحفي الرّقمي 0601340E	Journalism and Social Media الصّحافة وشبكات التواصل الاجتماعي 0601460	Graduation Project مشروع التّخرج 0601498
				Intr. Fine Arts المدخل إلى الفنون التشكيلية 0602201				
Total	15	15	15	18	15	15	15	15
Total	30		33		30		30	
Total	مجموع السّاعات المعتمدة (123) Total Credit Hours							

Study Plan for Academic Year 2025/2026 - (123) CR.H./ Mass Communication and Media- Advertising

Course No.	Course Title	CR.H.	Prerequisite
General Education Program (33) CR.H.			
Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120	English I	3	
0401121	English 2	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
Society and Civilization Elective (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408100A	Introduction to Psychology	3	
0408101A	Physical Education & Health	3	
0409100A	Ethical Awareness	3	
0409102A	Environmental Awareness	3	
Managerial Skills Elective (3) CR.H.			
0303100	Law and Society	3	
0408103A	Thinking Skills	3	
0408104A	Self-Assessment	3	
0501100A	Introduction to Time Management	3	
0501150A	Leadership and Teamwork	3	
Compulsory College Requirements (51) CR.H.			
0102411A	Multimedia	3	0102120
0405312	Literary and Artistic Criticism	3	
0501200A	Principles of Management	3	
0504200A	Marketing Management	3	
0506423A	Web Design	3	0102120
0509100C	Principles of Economics	3	
0601200	Introduction to Journalism	3	
0601201	Mass Communication Law and Ethics	3	0601200
0601202	Mass Media in the UAE	3	
0601203	Introduction to Political Science	3	
0601204	Communication Theories	3	
0602200	Introduction to Advertising	3	0509100C
0602201	Introduction to Fine Arts	3	
0602202	Digital Photography	3	
0602203	Mass Comm. Research Methods	3	0508203A
0603200	Introduction to Public Relations	3	
0603201	Public Opinion	3	0603200

Course No.	Course Title	CR.H.	Prerequisite
Specialization Courses (39) CR.H.			
(1) Compulsory Courses (30) CR.H.			
0602310	Writing for Advertising	3	0602200
0602320	Advertising Management	3	0602200 & 0504200A
0602330	Integrated Marketing Communication	3	0602200 & 0504200A
0602340	TV and Radio Advertising	3	0602200 & 0602310
0602351	Printed Advertising	3	0602200 & 0602310
0602360	Planning Advertising Campaigns	3	0602200 & 0602310
0602470E	Strategic Advertising	3	0602200 & 0401121
0602480E	Digital Advertising	3	0602200 & 0401121
0602490	Internship for Advertising	3	102 CR.H.
0602499	Graduation Project for Advertising	3	105 R.H.
(2) Elective Courses (9) CR.H.			
0301322	Intellectual Property Rights	3	0601201
0504330	Consumer Behavior	3	0504200A
0601462	The Art of Diction	3	0601204
0602430	Direct Marketing	3	0602200
0602431	Branding and Trade Mark	3	0602200
0601483	Visual Communication	3	0601200
0602481	International Advertising	3	0602200

Guidance Plan / Mass Communication and Media- Advertising

	السّنة الأولى First Year		السّنة الثّانية Second Year		السّنة الثّالثة Third Year		السّنة الرابعة Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Islamic culture الثّقافة الإسلامية 0406110	English 1 اللغة الإنجليزية 1 0401120	Elective Course – First Group اختياري من المجموعة الأولى General Requirement	English 2 اللغة الإنجليزية 2 0401121	Elective Course – second Group اختياري من المجموعة الثّانية Requirement General	Elective Course تخصص اختياري	Elective Course تخصص اختياري	Elective Course تخصص اختياري
	Arabic language اللغة العربية 0405100	Scientific Research Methodology منهجية البحث العلمي 0508203A	Computer skills مهارات الحاسوب 0102120	UAE Studies الدّراسات الإماراتية 0409103	Science & life العلم والحياة 0201111A	Fundamentals of Innovation & Entrepreneurship أساسيات الابتكار وريادة الأعمال 0501170A	Integrated Marketing Comm. الاتصالات التّسويقية المتكاملة 0602330	Strategic Advertising استراتيجيات الإعلان 0602470E
	Introduction to Journalism مدخل إلى الصّحافة 0601200	Principles of Management مبادئ الإدارة 0501200A	Mass Comm. Law & Ethics أخلاقيات الإعلام وتشريعاته 0601201	Digital photography التّصوير الرّقمي 0602202	Literary & art criticism النقد الأدبي والفني 0405312	Multimedia الوسائط المتعددة 0102411A	TV & Radio Advertising الإعلان الإذاعي والتلفزيوني 0602340	Digital Advertising الإعلان الرّقمي 0602480E
	Communication theories نظريات الاتصال 0601204	Principles of Economics مبادئ علم الاقتصاد 0509100C	Mass Comm. Research Methods مناهج البحث العلمي في الاتصال والإعلام 0602203	Marketing Management إدارة التسويق 0504200A	Web Design تصميم مواقع الإنترنت 0506423A	Writing for Advertising الكتابة للإعلان 0602310	Printed Advertising الإعلان المطبوع 0602351	Internship التّدريب الميداني 0602490
	Introduction to Public Relation مقدمة في العلاقات العامة 0603200	Introduction to political science مقدمة في علم السّياسة 0601203	Intr. Advertising مقدمة في الإعلان 0602200	Public Opinion الرّأي العام 0603201	The media in the Emirates وسائل الإعلام في الإمارات 0601202	Advertising Management. إدارة الإعلان 0602320	Planning Advertising Campaigns تخطيط الحملات الإعلانية 0602360	Graduation Project مشروع التّخرج 0602499
				Intr. Fine Arts المدخل إلى الفنون التّشكيلية 0602201				
Total	15	15	15	18	15	15	15	15
Total	30		33		30		30	
Total	مجموع السّاعات المعتمدة Total Credit Hours (123)							

Study Plan for Academic Year 2025/2026 - (123) CR.H./ Mass Communication and Media - Public Relations

Course No	Course Title	CR.H.	Prerequisite
Category: General Education Requirements (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
Category: Society & Civilization - Elective (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408101A	Physical Education & Health	3	
0408105A	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
Category: Managerial Skills – Elective (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Category: Compulsory College Requirements (48) CR.H.			
0501200A	Principles of Management	3	
0504200A	Marketing Management	3	
0509100C	Principles of Economics	3	
0601101	Introduction to Digital Media	3	
0601110	Principles of Design	3	
0601201	Mass Communication Law and Ethics	3	0601101
0601202	Mass Media in the UAE	3	
0601204	Communication Theories	3	0604100
0601206	AI Applications in Communication and Media	3	0102120
0601210	Multimedia in Communication and Media	3	0601110 & 0102120
0601312E	Website Design in Communication and Media	3	0601000
0602200	Introduction to Advertising	3	
0602202	Digital Photography	3	0601101
0602203	Mass Communication Research Methods	3	0508203A
0603200	Introduction to Public Relations	3	
0604100	Introduction to Communication and Crises	3	
Category: Specialization Courses- Compulsory (33) CR.H.			
0603201	Public Opinion	3	0603200
0603310	Writing for Public Relations	3	0603200
0603321	Protocol and Ceremonies Management	3	0603200
0603330	Public Relations Management	3	0501200A, 0603200
0603350	Media Production	3	0603310, 0603200
0603360E	Online Public Relations	3	0401121,0603200
0603450	Public Relations Campaigns	3	0603200
0603470	Organizational Communication	3	0501200A, 0603200
0603481	Organization of Special Events	3	0603200
0603490	Internship for Public Relations	3	102 CR.H.
0603499	Graduation Project for Public Relations	3	105 CR.H.
Category: Specialization Courses-Elective (9) CR.H.			
0601360	Official Spokesperson	3	0604100
0602330	Integrated Marketing Communications	3	0602200
0603202	The Art of Persuasion	3	0603200
0603307	AI in Digital Public Relations	3	0601206
0603340E	International Public Relations	3	0603200,0401121
0603460	Dialogue and Negotiation Management.	3	0603200
0603461	Public Relations and Social Media	3	0603200

Guidance Plan / Mass Communication and Media - Public Relations

	First Year السنة الأولى		Second Year السنة الثانية		Third Year السنة الثالثة		Fourth Year السنة الرابعة	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Islamic Culture الثقافة الإسلامية 0406110	English 1 اللغة الإنجليزية1 0401120	Elective Course – First Group اختياري-المجموعة 1 General Requirement	English 2 اللغة الإنجليزية 2 0401121	Elective Course –Second Group اختياري- المجموعة 2 General Requirement	Elective Course اختياري تخصص	Elective Course اختياري تخصص	Elective Course اختياري تخصص
	Arabic Language اللغة العربية 0405100	Scientific Research Methodology منهجية البحث العلمي 0508203A	Computer Skills مهارات الحاسوب 0102120	UAE Studies الدراسات الإماراتية 0409103	Science & Life العلم والحياة 0201111A	Fundamentals of Innovation & Entrepreneurship أساسيات الابتكار وريادة الأعمال 0501170A	Public Opinion الرأي العام 0603201	Online Public Relations العلاقات العامة عبر الإنترنت 0603360E
	Introduction to Communication and Crises مدخل إلى الاتصال والأزمات 0604100	Principles of Management مبادئ الإدارة 0501200A	Mass Comm. Law & Ethics أخلاقيات الإعلام وتشريعاته 0601201	Digital photography التصوير الرقمي 0602202	Web Design تصميم مواقع الإنترنت 0601312E	Multimedia الوسائط المتعددة 0601210	Protocol and Ceremony Management البروتوكول وإدارة المراسم 0603321	Organization of Special Events تنظيم الأحداث والفعاليات الخاصة 0603480
	Introduction to Digital Media مدخل إلى الإعلام الرقمي 0601101	Principles of Economics مبادئ علم الاقتصاد 0509100C	Mass Comm. Research Methods مناهج البحث في الاتصال والإعلام 0602203	Marketing Management إدارة التسويق 0504200A	Mass Media in Emirates وسائل الإعلام في دولة الإمارات 0601202	Public Relations Management. إدارة العلاقات العامة 0603330	Public Relations Campaigns حملات العلاقات العامة 0603450	Internship التدريب الميداني 0603490
	Introduction to Public Relation مقدمة في العلاقات العامة 0603200	Communication Theories نظريات الاتصال 0601204	Introduction to Advertising مقدمة في الإعلان 0602200	AI Applications in Communication and Media تطبيقات الذكاء الاصطناعي في الاتصال والإعلام 0601206	Writing for Public Relations الكتابة للعلاقات العامة 0603310	Media Production إنتاج المواد الإعلامية 0603350	Organizational Communication. الاتصال التنظيمي 0603470	Graduation Project مشروع التخرج 0603499
				Principles of Design مبادئ التصميم 0601110				
Total	15	15	15	18	15	15	15	15
Total	**30**		**33**		**30**		**30**	
Total	**Total Credit Hours (123) مجموع الساعات المعتمدة**							

2. Bachelor of Digital Media:

1. Overview:
The Bachelor of Digital Media program was developed in response to labor market demands and the profound transformations driven by emerging communication technologies in the media industry. These advancements have reshaped the tools and methods used to disseminate information, as well as the growing reliance of media institutions and audiences on digital media platforms and artificial intelligence applications. Consequently, the program emphasizes the acquisition of knowledge and practical expertise in digital media, equipping students with the skills necessary to plan, design, and produce digital content. It also focuses on advanced writing and editing techniques tailored for digital platforms, along with the ability to create and manage interactive media productions while adhering to ethical and professional standards in the field.

2. Vision:
The program aligns its vision with that of the college and university, aspiring to be a distinguished leader in preparing students for diverse careers in digital media. It aims to equip graduates with the expertise required by digital media professions, the mastery of tools and applications essential for content creation, data collection, and analysis. By fostering a strong foundation of knowledge and specialized skills, the program seeks to meet the growing demands of the labor market in both the public and private sectors, producing highly qualified professionals in the field of digital media.

3. Mission:
The program aims to develop highly knowledgeable and proficient students in digital content creation, and to equip them with the expertise necessary for utilizing advanced tools and applications.

4. Program Objectives:
- Provide students with fundamental concepts and theories in communication and digital media.
- Qualify students to practice various communication and digital media professions.
- Train students to use digital media tools and artificial intelligence applications in the media content.
- Provide students with skills essential for planning and implementing media campaigns.
- Provide students with the skills necessary for conducting research and studies in communication and digital media.
- Provide institutions and organizations with digital media specialists who will contribute to comprehensive national development.

5. Learning outcomes of Bachelor of Digital Media program:

	Program Learning Outcomes of Bachelor of Digital Media Program	Aligned with L6 QFE Descriptors
1.	Know the concepts of communication and media sciences, theories, ethical considerations, and legal frameworks.	Knowledge
2.	Explain the fundamentals of scientific research in communication and media fields, including the steps for constructing and implementing research.	Knowledge
3.	Analyze emerging communication and media phenomena and issues.	Knowledge, Skill
4.	Write and edit various forms of digital media content.	Skill
5.	Use multimedia tools and applications in the digital media content.	Skill, Responsibility
6.	Create digital content in accordance with professional standards and applicable media legislation.	Skill, Responsibility

Study Plan for Academic Year 2025/2026 - (123) CR.H./ Mass Communication and Media - Bachelor of Digital Media

Course No	Course Title	CR.H.	Prerequisite
Category: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
Category: Society & Civilization - Elective (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408101A	Physical Education & Health	3	
0408105A	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
Category: Managerial Skills – Elective (3) CR.H			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Category: Compulsory College Requirements (48) CR.H.			
0501200A	Principles of Management	3	
0504200A	Marketing Management	3	
0509100C	Principles of Economics	3	
0601101	Introduction to Digital Media	3	
0601110	Principles of Design	3	
0601201	Mass Communication Law and Ethics	3	0601101
0601202	Mass Media in the UAE	3	
0601204	Communication Theories	3	0604100
0601206	AI Applications in Communication and Media	3	0102120
0601210	Multimedia in Communication and Media	3	0601110 & 0102120
0601312E	Website Design in Communication and Media	3	0601000
0602200	Introduction to Advertising	3	
0602202	Digital Photography	3	0601101
0602203	Mass Communication Research Methods	3	0508203A
0603200	Introduction to Public Relations	3	
0604100	Introduction to Communication and Crises	3	
Category: Specialization Courses- Compulsory (33) CR.H.			
0601313	Writing for Digital Media	3	0601101
0601332	Digital Media Applications	3	0601101
0601333	Digital Media Campaigns	3	0601101
0601351	Mobile Journalism	3	0601313
0601460E	Social Media Analytics	3	0601101
0601461	Digital Storytelling	3	0601313
0601471	Data Journalism	3	0601313
0601484	Content Creation for Digital Media	3	90 CR.H.
0601492	Internship for Digital Media	3	102 CR.H.
0601495	Graduation Project for Digital Media	3	105 CR.H.
0602350	Graphic Art	3	0601110
Category: Specialization Courses - Elective (9) CR.H.			
0601306	AI in Digital Media	3	0601206
0601411E	Media Translation	3	0401121 & 060110
0601420	Investigative investigation	3	0601313
0601440	Preparing and delivering programs and interviews	3	0601101
0601450	Issues in Digital Media	3	0601101
0601462	The Art of Diction	3	0601204
0601483	Visual Communication	3	0601101

Guidance Plan / Mass Communication and Media - Bachelor of Digital Media

	First Year السّنة الأولى		Second Year السّنة الثّانية		Third Year السّنة الثّالثة		Fourth Year السّنة الرّابعة	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Islamic Culture الثّقافة الإسلامية 0406110	English 1 اللّغة الإنجليزيّة1 0401120	Elective Course – First Group اختياري-المجموعة 1 General Requirement	English 2 اللّغة الإنجليزيّة 2 0401121	Elective Course – second Group اختياري- المجموعة 2 General Requirement	Elective Course اختياري تخصص	Elective Course اختياري تخصص	Elective Course اختياري تخصص
	Arabic Language اللّغة العربية 0405100	Scientific Research Methodology منهجية البحث العلمي 0508203A	Computer Skills مهارات الحاسوب 0102120	UAE Studies الدّراسات الإماراتية 0409103	Science & Life العلم والحياة 0201111A	Fundamentals of Innovation & Entrepreneurship أساسيات الابتكار وريادة الأعمال 0501170A	Digital Storytelling السّرد القصصي الرّقمي 0601340	Data Journalism صحافة البيانات 0601471
	Introduction to Communication and Crises مدخل إلى الاتصال والأزمات 0604100	Principles of Management مبادئ الإدارة 0501200A	Mass Comm. Law & Ethics أخلاقيات الإعلام وتشريعاته 0601201	Digital photography التّصوير الرّقمي 0602202	Web Design تصميم المواقع 0601312E	Multimedia الوسائط المتعددة 0601210	Graphic Art فن جرافيك 0602350	Content Creation for Digital Media صناعة المحتوى للإعلام الرّقمي 0601484
	Introduction to Digital Media مدخل إلى الإعلام الرّقمي 0601101	Principles of Economics مبادئ علم الاقتصاد 0509100C	Mass Comm. Research Methods مناهج البحث في الاتصال والإعلام 0602203	Marketing Management إدارة التّسويق 0504200A	Mass Media in Emirates وسائل الإعلام في دولة الإمارات 0601202	Digital Media Applications تطبيقات الإعلام الرّقمي 0601323	Mobile Journalism صحافة الموبايل 0601351	Internship التّدريب الميداني 0601492
	Introduction to Public Relation مقدمة في العلاقات العامة 0603200	Communication Theories نظريات الاتصال 0601204	Introduction to Advertising مقدمة في الإعلان 0602200	AI Applications in Communication and Media تطبيقات الذّكاء الاصطناعي في الاتصال والإعلام 0601206	Writing for digital Media الكتابة للإعلام الرّقمي 0601313	Digital Media Campaigns الحملات الإعلامية الرّقمية 0601331	Social Media Analytics تحليلات وسائل التّواصل الاجتماعي 0601460E	Graduation Project مشروع التّخرج 0601495
				Principles of Design مبادئ التّصميم 0601110				
Total	15	15	15	18	15	15	15	15
Total	30		33		30		30	
Total	Total Credit Hours (123) مجموع السّاعات المعتمدة							

3. Bachelor of Digital Advertising and Marketing:

1. Overview:
The Bachelor of Advertising and Digital Marketing program aims to provide students with foundational knowledge and skills in the creation of advertising and digital marketing techniques. It improves their creative thinking skills for developing advertising ideas, designing and producing innovative advertisements, as well as carrying out impactful advertising campaigns. The program seeks to graduate highly qualified professionals capable of competing in the labor market.

2. Vision:
The program draws its vision from the broader vision of the college and university. It aims to train students in the field of advertising and marketing across digital platforms and media, conduct market research, gather data, and prepare budgets for designing and implementing advertising campaigns. Additionally, it focuses on developing strategies for promoting ideas and products, building brand identities, and marketing the institution's image.

3. Mission:
The program's goal is to prepare and qualify graduates with strong expertise in digital advertising and marketing through digital media.

4. Program Objectives:
- Provide students with fundamental concepts and theories of digital communication and media.
- Train students to create and edit marketing advertisements.
- Provide students with the skills required to conduct marketing research.
- Train students on digital tools and applications to generate advertising ideas.
- Enhance students' skills in digital marketing and promotion.
- Train students to create and inplement effective advertising campaigns.

5. Learning outcomes of Bachelor of Advertising and Digital Marketing program:

	Program Learning Outcomes of Bachelor of Advertising and Digital Marketing Program	Aligned with L6 QFE Descriptors
1.	Know the concepts of communication and media sciences, theories, ethical considerations, and legal frameworks.	Knowledge
2.	Explain the fundamentals of scientific research in communication and media fields, including the steps for constructing and implementing research.	Knowledge
3.	Analyze emerging communication and media phenomena and issues.	Knowledge, Skill
4.	Create marketing advertisements using digital programs and applications.	Skill
5.	Plan to implement and evaluate marketing advertising campaigns.	Skill, Responsibility
6.	Adhere to professional and ethical standards in advertising and digital marketing.	Skill, Responsibility

Study Plan for Academic Year 2025/2026 - (123) CR.H./ Mass Communication and Media - Bachelor of Advertising and Digital Marketing

Course No	Course Title	CR.H.	Prerequisite
Category: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
Category: Society and Civilization (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408101A	Physical Education & Health	3	
0408105A	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
Category: Managerial Skills – Elective (3) CR.H (b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self-Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Second: Compulsory College Requirements (48) CR.H.			
0501200A	Principles of Management	3	
0504200A	Marketing Management	3	
0509100C	Principles of Economics	3	
0601101	Introduction to Digital Media	3	
0601110	Principles of Design	3	
0601201	Mass Communication Law and Ethics	3	0601101
0601202	Mass Media in the UAE	3	
0601204	Communication Theories	3	0604100
0601206	AI Applications in Communication and Media	3	0102120
0601210	Multimedia in Communication and Media	3	0601110 & 0102120
0601312E	Website Design in Communication and Media	3	0601000
0602200	Introduction to Advertising	3	
0602202	Digital Photography	3	0601101
0602203	Mass Communication Research Methods	3	0508203A
0603200	Introduction to Public Relations	3	
0604100	Introduction to Communication and Crises	3	
Category: Specialization Courses- Compulsory (32) CR.H			
0602310	Writing for Advertising	3	0602200
0602321	Advertising Institutions Management	3	0602200
0602330	Integrated Marketing Communication	3	0602200
0602341	Visual and Radio Advertising	3	0602310 & 0602200
0602350	Graphic Art	3	0601110
0602352	Visual Identity and Branding	3	0601210, 0602200
0602360	Planning Advertising Campaigns	3	0602310, 0602200
0602471E	Advertising and Digital Marketing Strategies	3	0401121, 0602200
0602480	Digital Advertising	3	0602200
0602492	Internship of Advertising and Digital Marketing	3	102 CR.H.
0602495	Graduation Project in Advertising and Digital Marketing	3	105 CR.H.
Category: Specialization Courses - Elective (9) CR.H.			
0301322	Intellectual Property Rights	3	0601201
0504330	Consumer Behavior	3	0504200A
0601462	The Art of Diction	3	0601204
0601483	Visual Communication	3	0601101
0602306	AI in Digital Marketing	3	0601206
0602430E	Direct Marketing	3	0602200
0602432	Advertising and Social Media	3	0602200

Guidance Plan / Mass Communication and Media - Bachelor of Advertising and Digital Marketing

	السنة الأولى First Year		السنة الثانية Second Year		السنة الثالثة Third Year		السنة الرابعة Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Islamic Culture الثقافة الإسلامية 0406110	English 1 اللغة الإنجليزية1 0401120	Elective Course – First Group اختياري-المجموعة 1 General Requirement	English 2 اللغة الإنجليزية 2 0401121	Elective Course – Second Group اختياري- المجموعة 2 Requirement General	Elective Course اختياري تخصص	Elective Course اختياري تخصص	Elective Course اختياري تخصص
	Arabic Language اللغة العربية 0405100	Scientific Research Methodology منهجية البحث العلمي 0508203A	Computer Skills مهارات الحاسوب 0102120	UAE Studies الدراسات الإماراتية 0409103	Science & Life العلم والحياة 0201111A	Fundamentals of Innovation & Entrepreneurship أساسيات الابتكار وريادة الأعمال 0501170A	Integrated Marketing Comm. الاتصالات التسويقية المتكاملة 0602330	Advertising and Digital Marketing Strategies استراتيجيات الإعلان والتسويق الرقمي 0602471E
	Introduction to Communication and Crises مدخل إلى الاتصال والأزمات 0604100	Principles of Management مبادئ الإدارة 0501200A	Mass Comm. Law & Ethics أخلاقيات الإعلام وتشريعاته 0601201	Digital photography التصوير الرقمي 0602202	Web Design تصميم مواقع الإنترنت 0601312E	Multimedia الوسائط المتعددة 0601210	Graphic Art فن جرافيك 0601350	Digital Advertising الإعلان الرقمي 0602480
	Introduction to Digital Media مدخل إلى الإعلام الرقمي 0601101	Principles of Economics مبادئ علم الاقتصاد 0509100C	Mass Comm. Research Methods مناهج البحث في الاتصال والإعلام 0602203	Marketing Management إدارة التسويق 0504200A	Mass Media in Emirates وسائل الإعلام في دولة الإمارات 0601202	Digital Advertising Mangt. إدارة المؤسسات الإعلانية 0602320	Visual Identity and Trademarks الهوية البصرية والعلامات التجارية 0602352	Internship التدريب الميداني 0602492
	Introduction to Public Relation مقدمة في العلاقات العامة 0603200	Communication Theories نظريات الاتصال 0601204	Introduction to Advertising مقدمة في الإعلان 0602200	AI Applications in Communication and Media تطبيقات الذكاء الاصطناعي في الاتصال والإعلام 0601206	Writing for Advertising الكتابة للإعلان 0602310	Visual and Audio Advertising الإعلان المرئي والمسموع 0602340	Planning Advertising Campaigns تخطيط الحملات الإعلانية 0602360	**Graduation Project** مشروع التخرج 0602495
				Principles of Design مبادئ التصميم 0601110				
Total	15	15	15	18	15	15	15	15
Total	**30**		**33**		**30**		**30**	
Total	**Total Credit Hours (123) مجموع الساعات المعتمدة**							

4. Bachelor of Communication and Crises:

1. Overview:
The Bachelor of Communication and Crises program is designed to develop and train students in crisis and risk management within the fields of communication and media. The program emphasizes both theoretical foundations and practical competencies, enabling students to develop strategic communication plans for crisis and risk management. Additionally, it focuses on reputation management methods, fostering strong audience relations before, during, and after crises. Students will also gain proficiency in media engagement, conduct press conferences and briefings, and deliver effective media briefings.

2. Vision:
The Bachelor of Communication and Crises aims to develop highly qualified graduates with both theoretical and practical expertise in planning and managing communication crises. The program focuses on equipping students with the skills to formulate strategic approaches for preserving institutional reputation, managing international crises, and using new technologies to effectively address crises and risks.

3. Mission:
The program aspires to produce highly skilled professionals that serve government and private sectors, capable of planning and developing strategies for communication crises management.

4. Program Objectives:
- Qualify specialized communication leaders in planning and management, and in leading crises teams in government and private institutions.
- Train students to design and implement comprehensive communication strategies for engaging with the public and media during both routine operations and crises situations.
- Train students to address the public and media effectively, as well as to organize and conduct press conferences and briefings in both normal and crises situations.
- Develop students' proficiency in reputation management and the construction of a strong institutional visual identity.
- Enable students to utilize cutting-edge tools and technologies for crisis management, with a focus on digital crises management and social media monitoring.
- Strengthen students' ability to critically and comprehensively analyze crises and risks, equipping them with the skills necessary to develop strategic solutions for effective crisis management.

5. Learning outcomes of Bachelor of Communication and Crises program:

	Program Learning Outcomes of Bachelor of Communication and Crises Program	Aligned with L6 QFE Descriptors
1.	Know the concepts of communication and media sciences, theories, ethical considerations, and legal frameworks.	Knowledge
2.	Explain the fundamentals of scientific research in communication and media fields, including the steps for constructing and implementing research.	Knowledge
3.	Analyze emerging communication and media phenomena and issues.	Knowledge, Skill
4.	Discuss the role of communication and digital media in crisis and risk prevention.	Skill
5.	Produce media products for communication crisis and risk that adhere to professional and ethical standards.	Skill, Responsibility
6.	Plan to implement communication campaigns to address crises and risks effectively.	Skill, Responsibility

Study Plan for Academic Year 2025/2026 - (123) CR.H./ Mass Communication and Media - Bachelor of Communication and Crises

Course No	Course Title	CR.H.	Prerequisite
Category: General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111A	Science and Life	3	
0401120	English (1)	3	
0401121	English (2)	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0409103	UAE Studies	3	
0501170A	Fund. of Innovation and Entrepreneurship	3	
0508203A	Scientific Research Methodology	3	
(2) Elective Courses (6) CR.H.			
The student is required to choose Only One course from each of the following groups:			
Category: Society & Civilization - Elective (3) CR.H.			
0406100	Arabs and Muslims' Contributions to Arts and Science	3	
0408101A	Physical Education & Health	3	
0408105A	Introduction to Early Childhood	3	
0409100	Ethical Awareness	3	
0409102	Environmental Awareness	3	
Category: Managerial Skills – Elective (3) CR.H			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self -Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	
Category: Compulsory College Requirements (48) CR.H			
0501200A	Principles of Management	3	
0504200A	Marketing Management	3	
0509100C	Principles of Economics	3	
0601101	Introduction to Digital Media	3	
0601110	Principles of Design	3	
0601201	Mass Communication Law and Ethics	3	0601101
0601202	Mass Media in the UAE	3	
0601204	Communication Theories	3	0604100
0601206	AI Applications in Communication and Media	3	0102120
0601210	Multimedia in Communication and Media	3	0601110 & 0102120
0601312E	Website Design in Communication and Media	3	0601000
0602200	Introduction to Advertising	3	
0602202	Digital Photography	3	0601101
0602203	Mass Communication Research Methods	3	0508203A
0603200	Introduction to Public Relations	3	
0604100	Introduction to Communication and Crises	3	
Category: Specialization Courses- Compulsory (33) CR.H.			
0601360	Official Spokesperson	3	0604100
0603460	Dialogue and Negotiation Management	3	0603200
0604110	Crisis and Risk Communication Models and Theories	3	0604100
0604120	Reputation Management in Crisis	3	0604100
0604130E	Strategic Communication in Crisis	3	0401121,0604100
0604140	Government Communication and Crisis Management	3	0604100
0604150	Digital Media in Crisis	3	0401121, 0604100
0604370	Media releasesandBriefings	3	0604100
0604380	Media Production for Crisis Communication	3	90 CR.H.
0604492	Internship for Communication and Crisis	3	102 CR.H.
0604495	Graduation Project for Communication and Crisis	3	105 CR.H.
Category: Specialization Courses - Elective (9) CR.H.			
0603201	Public Opinion	3	0603200
0603202	The Art of Persuasion	3	0603200
0604306	AI in Crisis Communications	3	0601206
0604461	Communication and International Crises	3	0604100
0604471E	Risk Management	3	0604100
0604481	Digital Diplomacy	3	0604100
0604491	Visual Identity for Institution	3	0601110

Guidance Plan / Mass Communication and Media - Bachelor of Communication and Crises

	السنة الأولى First Year		السنة الثانية Second Year		السنة الثالثة Third Year		السنة الرابعة Fourth Year	
	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester	First Semester	Second Semester
	Islamic Culture الثقافة الإسلامية 0406110	English 1 اللغة الإنجليزية1 0401120	Elective Course – First Group اختياري-المجموعة 1 General Requirement	English 2 اللغة الإنجليزية 2 0401121	Elective Course – second Group اختياري- المجموعة 2 General Requirement	Elective Course اختياري تخصص	Elective Course اختياري تخصص	Elective Course اختياري تخصص
	Arabic Language اللغة العربية 0405100	Scientific Research Methodology منهجية البحث العلمي 0508203A	Computer Skills مهارات الحاسوب 0102120	UAE Studies الدراسات الإماراتية 0409103	Science & Life العلم والحياة 0201111A	Fundamentals of Innovation & Entrepreneurship أساسيات الابتكار وريادة الأعمال 0501170A	Strategic Communication in Crises الاتصال الاستراتيجي في الأزمات 0604130E	Media Production for Crisis Communication إنتاج المواد الإعلامية لاتصال الأزمات 0604380
	Introduction to Communication and Crises مدخل إلى الاتصال والأزمات 0604100	Principles of Management مبادئ الإدارة 0501200A	Mass Comm. Law & Ethics أخلاقيات الإعلام وتشريعاته 0601201	Digital photography التصوير الرقمي 0602202	Web Design تصميم مواقع الإنترنت 0601312E	Multimedia الوسائط المتعددة 0601210A	Digital Media in Crises الإعلام الرقمي في الأزمات 0604150	Dialogue and Negotiation Management إدارة التفاوض والحوار 0603460
	Introduction to Digital Media مدخل إلى الإعلام الرقمي 0601101	Principles of Economics مبادئ علم الاقتصاد 0509100C	Mass Comm. Research Methods مناهج البحث في الاتصال والإعلام 0602203	Marketing Management إدارة التسويق 0504200A	Mass Media in Emirates وسائل الإعلام في دولة الإمارات 0601202	Reputation Management in Crisis إدارة السمعة في الأزمات 0604120	Official Spokesperson المتحدث الرسمي 0601360	Internship التدريب الميداني 0604492
	Introduction to Public Relation مقدمة في العلاقات العامة 0603200	Communication Theories نظريات الاتصال 0601204	Introduction to Advertising مقدمة في الإعلان 0602200	AI Applications in Communication and Media تطبيقات الذكاء الاصطناعي في الاتصال والإعلام 0601206	Crisis and Risk Communication Models and Theories نماذج ونظريات اتصال الأزمات والمخاطر 0604110	Government Communication and Crisis Management الاتصال الحكومي وإدارة الأزمات 0604140	Statements and media briefings البيانات والإحاطات الإعلامية 0604370	Graduation Project مشروع التخرج 0604495
				Principles of Design مبادئ التصميم 0601110				
Total	15	15	15	18	15	15	15	15
Total	**30**		**33**		**30**		**30**	
Total	**Total Credit Hours (123) مجموع الساعات المعتمدة**							

5. Master of Arts in Digital Media and Public Relations:

1. Overview:
The Master of Arts in Digital Media and Public Relations program addresses the educational needs of professionals in digital media, communication officers, and public relations specialists in government bodies, public institutions, and private companies. The program combines two core fields: digital media and public relations. It aims to equip students with comprehensive knowledge and the skills necessary to develop their abilities in media and public relations professions. This includes managing digital media tools and platforms, designing and producing content for digital media and public relations, reputation management, content creation and development. Additionally, the program seeks to enhance graduates' capabilities in scientific research, academic writing, and critical thinking about emerging communication and media issues.

2. Vision:
The vision of the Master of Arts in Digital Media and Public Relations program is aligned with the vision of the college and university. The program aspires to lead in digital content creation, public relations management, and advertising. It aims to integrate creativity with advanced technology and cutting-edge research to prepare qualified professionals at the level of the United Arab Emirates.

3. Mission:
The mission of the Master of Arts in Digital Media and Public Relations program is to prepare outstanding national professionals in digital media and public relations. These professionals will possess theoretical knowledge and practical skills in managing, designing, and producing media content for digital platforms, public relations, advertising, and digital marketing. They will also be skilled in web analytics and social media platforms, developing research and academic publishing skills, and being prepared to pursue doctoral studies.

4. Program Objectives:
- Provide students with advanced theoretical knowledge and concepts in digital media, public relations, and digital advertising.
- Equip students with the skills necessary to analyze and critique communication and media phenomena and examine emerging scientific issues.
- Prepare students to pursue doctoral studies in communication and media fields, empowering national talents to conduct and develop research and studies.
- Train specialized media professionals in digital media, public relations, advertising, and related subfields.
- Develop students' skills in utilizing advanced technologies, software, and tools to comprehend educational materials and produce digital media content.
- Foster innovation and adaptability to technological advancements in digital media, public relations, and advertising, applying them in diverse work environments.

5. Learning outcomes of Master of Arts in Digital Media and Public Relations:

	Learning Outcomes of Master of Arts in Digital Media and Public Relations Program	Aligned with L7 QFE Descriptors
1.	Know the fundamental principles and applications of digital media in communication and public relations.	Knowledge
2.	Understand of ethical considerations and legal frameworks for digital media and public relations.	Knowledge, Skills
3.	Master advanced communication skills in digital media and public relations.	Skill, Responsibility
4.	Apply critical thinking to evaluate and discuss content and research topics in digital media, and public relations.	Skill, Responsibility
5.	Conduct to interdisciplinary scientific research on digital media and public relations.	Skill, Responsibility
6.	Gain innovative skills in content creation and digital media management.	Skill, Responsibility
7.	Develop creative and innovative ideas for advertising and digital marketing.	Skill, Responsibility

Study Plan for Academic Year 2025/2026 - (33) CR.H./ Master of Arts in Digital Media and Public Relations

Code	Course Title	CR.H.	Prerequisite
Category : Compulsory Core Courses			
0601610	Advanced Communication and Media Theories	3	
0601611	Digital Media Ethics and Law	3	
0601612	Advanced Research Methods in Media and Communication	3	
0601613E	Web and Social Media Analytics	3	0601612
0601614	Seminar in Digital Media and Public Relations	3	0601610 & 0601612
0601615E	Applied Statistics in Media and Communication	3	0601612
Elective 3 Courses: Students have the option to select 3 courses (9) CR.H. from within or across any of the 2 designated focus areas. **Category : Focus Area: Digital Media**			
0601620	Digital Media Innovation and Social Transformation	3	0601611
0601621E	Digital Media Management	3	0601611
0601622	Communication and Digital Media Strategies	3	0601611
0601623E	Digital Media Production	3	0601611
0601624	Media, Culture And Society	3	0601610
Category : Focus Area: Public Relation and Advertising			
0603630E	Digital Public Relations and Advertising	3	0601614
0603631	Strategic Communication	3	0601610
0603632	Crises and Risk Communication	3	0601610
0603633E	Advertising and Digital Marketing	3	0603630E
0603634	Corporate Image and Brand Management	3	0603631
Thesis Compulsory (6) CR.H.			
0606691	Thesis 1 - Master of Arts in Digital Media and Public	3	(18 CR.H.)
0606692	Thesis 2 - Master of Arts in Digital Media and Public	3	0606691

Guidance Plan / Master of Arts in Digital Media and Public Relations

First Year		Second Year	
First Semester (9 CR.H)	**Second Semester** (9 CR.H)	**Third Semester** (9 CR.H)	**Fourth Semester** (6 CR.H)
Advanced Communication and Media Theories (0601610)	Seminar in Digital Media and Public Relations (0601614)	Applied Statistics in Media and Communication (0601615E)	**Electives Course** (Focus Area 1, Focus Area 2)
Digital Media Ethics and Law (0601611)	Web and Social Media Analytics (0601613E)	**Electives Course** (Focus Area 1, Focus Area 2)	**Thesis 2** (0606692)
Advanced Research Methods in Media and Communication (0601612)	**Electives Course** (Focus Area 1, Focus Area 2)	**Thesis 1** (0606691)	

Brief Course Descriptions

Course Title & No.	Brief Course Description
Introduction to Journalism 0601200	This course studies the concepts, terminology and definitions of traditional and digital journalism, their history, characteristics, functions and types, and talks about the theories of journalism, the primary principles of writing journalistic arts, and how to edit and publish them.
Mass Communication in Law and Ethics 0601201	The course include basic concepts related to media laws, legislation, ethics and media ethics, as well as media regulations and their implications for the freedom, laws and ethics of media work. It also discusses the duties of journalists in relation to sources, the public, media institutions, the values and traditions of society, and the ethics and legislation of media in the electronic environment. The Platform includes presentations and discussions of causes related to the practice of media law and ethics in the United Arab Emirates.
Mass Media in the UAE 0601202	This course deals with the history and development of media in the United Arab Emirates: journalism, radio and television, and the rest. He spoke about the media environment in the work of the UAE media and the changes it has witnessed at the institutional, technological and professional levels. It also addresses the role of the media in keeping with the development and rapid development of the state.
Introduction to Political Science 0601203	The course introduces the science of politics, the introduction of political science, its development and its relationship with the media, political systems, types and forms, the methods of regulating it, the definition of the State as a political and legal entity, the political, legislative, executive, judicial and media authorities, and the study of contemporary international organizations with a focus on the United Nations, the League of Arab States and the Cooperation Council of the Arab States.
Communication theories 0601204	The course deals with the theoretical implications of communication, its concept as a human, social and psychological phenomenon, its types and levels, and reviews the theories of media (journalism), the theories of communication of its different directions and schools, from mathematical models, theories of strong and selective influence, the moderate, the insights of media, and the theories that explain violence in the media, to the entrances and perspectives of the new media; It focuses on studying the theory in terms of its origin, development and applications in the media field..
Writing for digital journalism 0601311	The course deals with the definition of writing for digital journalism, its importance, the difference between it and writing for paper journalism, the basics and rules of writing for digital journalism, the stages of preparing newspaper material, the rules for writing and editing, the editorial tools used by the digital editor, the editing templates adopted by digital journalism, and the skills of the newspaper editor for the digital journalism.
News Editing for Digital Journalism 0601321	The course deals with the foundations and techniques of editing news for digital journalism in terms of its significance, importance and sources, it reviews its forms through editing news for websites, social media platforms, and mobile phone journalism, reviewing its peculiarities, conditions, requirements, and the skills of the digital editor. Students are going to be trained to edit these forms of news, in accordance with professional, legal and ethical controls.
Digital Photojournalism 0601340E	This course focuses on advanced topics in photojournalism. Students will learn the techniques and methods, models and philosophy behind the photo. Students will also learn the right skills to manage photography by modifying attributes in his/her camera.

Computer Graphics 0601350E	Graphic Design is a course that explores graphic communication through the understanding of the elements and principles of design; as well as, the design process, from idea development through the final execution of a document. The Professional use of the concepts explored in this course in the following disciplines: advertising, graphic design, web design, illustration, broadcast design, photography and game design and many others. Assessment will be based upon a rubric that takes into consideration effort, technical understanding and creative use of resources for the completion of various assignments using Photoshop CS5 and InDesign CS5.
Mobile journalism (MOJO) 0601351	This course deals with the concept of mobile journalism, its characteristics, and tools, and takes students beyond writing for traditional journalism, as students use mobile phones to produce news materials and publish them on various digital platforms. The course also discusses the impact of these platforms and modern technology on the field of journalism and media.
Journalism and Social Media 0601460	The course deals with how journalists and media organizations use social networks to broadcast and publish newspaper materials. Students practice dealing with communication networks through practical experience in gathering and publishing news and interacting with the public, developing their skills and tools in analyzing and monitoring the effectiveness of their journalistic activities on communication networks, and critical thinking to discuss each other's work, which will give them the opportunity to be journalists and professional editors of network journalism.
Data Journalism 0601471	The course deals with the concept and basics of data journalism and the types of data, the difference between it and information, building the basic skills that the student needs in searching for and extracting information, and how to analyze and use it in writing news and building electronic investigative stories and presenting them interactively, especially about collecting and analyzing data from its large bases. Data and employing it as a journalist, and the course introduces the computer programs that the student needs from the use of Excel as a record of notes up to the software and technical tools necessary to design data and visualize it in a way that is appropriate for the digital journalistic arts. It trains students to collect data, produces tables and charts, analyzes, and evaluates them.
Content Creation for Digital Journalism 0601482	The course deals with content creation for digital journalism in terms of concepts and characteristics, technical programs and how to employ them in planning, designing and producing journalistic content for digital platforms, the specificity of the content creation process for digital journalism and the required skills, and focuses on the stages and methods of creating and producing text, audio, image and video as content for digital journalism.
Internship in Digital Journalism 0601491	This course focus on the foundations of field training for students in one of the specialized companies/institutions in digital journalism, to give students to gain practical experience in the field of digital journalism, through the practical application of the knowledge they have studied, and the practice of the skills they learned during their academic career, ensuring the integration of students in the labor market and their awareness of its requirements, as well as field training is an opportunity for students to enter the labor market.

Graduation Project in Digital Journalism 0601498	In this course, students work in groups under the supervision of one or more faculty members to implement a project in the field of digital journalism, in which students practice the knowledge and skills that they have acquired during their university studies, especially the courses of digital journalism specialization. The research and executive tasks are distributed on the weeks of the final semester. The evaluation includes presenting and discussing the project by the students with a committee with two or more faculty members and external experts in the field of journalism.
Investigative Journalism 0601320	This course aims to introduce students to investigative journalism and to teach them how to select its topics, collect and document data and information related to the topics and analyze it, using a systematic and objective approach with the aim of revealing the facts in the public interest. The course focuses on how to conduct investigative journalism in depth and professionalism with knowledge of professionally accredited journalistic templates and models. The course also reviews the constraints of investigative journalism and discusses the laws and ethics of investigative work.
Media translation 0601411E	The course aims to provide students with the principles and strategies of translating different forms of media translations with teaching the key issues in media discourse from English to Arabic and vice versa. Forms include media texts either print or non-print, such as news, press releases, speeches, editorials, reviews, articles, features, film scripts, advertisements and corporate promotional materials. It also develops students' translating sense and skills, a critical awareness and outlook of the wider cultural and ideological implications of media translation; to acquire a deeper insight into the process and product of translation and to enhance students' knowledge. Moreover, the course aims to equip students with a grounding in the functioning of audiovisual translation like dubbing, subtitling, voice-over and translation technology (tele translation, localization).
Digital storytelling 0601461	The course aims to familiarize students with creating the content of storytelling, its fundamentals, elements and its various forms, starting from non-interactive linear narration, through the lengthy digital story, and ending with the interactive story. Suitability to it, and the design software used to produce it. The course enhances the student's ability to deal with digital storytelling on interactive platforms in a professional and creative way.
The Art of Diction 0601462	The course deals with concepts and terminology related to the arts and skills of diction and presentation, the basics, rules and scientific methods of diction and presentation, and training students on methods of speaking and how to deliver influencing and effective verbal and non-verbal skills required in this manner.
Digital Journalism Campaign 0601481	The course focus on online press campaign and its growth due to the revolution of communication and media technologies, and the transformation of newspapers towards digital versions and electronic websites, reviewing the concepts, and terminology related to press campaigns. The course concentrates on press campaign's Types, means, stages of planning and completion, with focusing on its elements such as the campaign operator, the content of the campaign and the public.
Visual communication 0601483	The course deals with the concepts related to visual perception and visual communication, reviewing its physiological, ecological and semiological backgrounds, its theories explaining the aesthetic and cognitive dimensions of the image, and the skills necessary for communication, including visual persuasion and the construction of ideas. The course focuses on the mechanisms and methods of transmitting information through images to communicate with the masses, and what is related to signs, printing, drawings, graphic design, advertising, animation, colors and electronic materials.

Introduction to Advertising 0602200	The course deals with the basic concepts and terminology associated with advertising, in addition to the emergence and development of advertising, its characteristics, functions, and objectives, and the relationship of advertising with other advertising activities (marketing, advertising media, advertising agencies, advertising campaigns), and it also explains the legislation and ethical controls that govern advertising activity.
Introduction to Fine Arts 0602201	The course seeks to introduce the student to plastic arts. A concept, origin and development, its elements and the plan on which to build the artwork, and how to implement the aesthetic elements in it. The course also focuses on the relationship between the media and plastic arts, and the student explores how artists use digital media technology in building their artworks.
Digital Photography 0602202	This course introduces the student to the components and types of digital cameras, the methods of imaging with digital cameras, the elements and components of the digital image, how to process it, its formats, methods of preserving, transferring and converting it, and how to edit, print, browse, save and use the digital image in various works.
Mass Communication in Research Methods 0602203	This course includes studying the research methods used in the media and communication sciences, focusing mainly on quantitative and qualitative studies in the various branches of media, identifying areas of their use, along with reviewing and analyzing their most important models (survey studies, empirical research, and content analysis). It deals with the steps to achieve media research in all its stages, starting from selecting the topic and its conditions, to setting the problem, to formulating research hypotheses and questions, defining concepts and terminology, and rules for writing scientific research in the fields of communication and media, and how to present the research report.
Writing for Advertising 0602310	This Course deals with the steps and stages through which advertising and letters go in writing, designing, directing and advertising, starting with the determination of their objectives, the creation of an advertising idea, the writing of addresses and advertising texts, the design and coordination of their elements, the production of which takes place in a particular aesthetic form, and the evaluation of their production and technical requirements. The course also trains students to write and design advertisements for traditional and electronic media.
Advertising Management 0602320	The course deals with the concepts and functions of advertising, as well as the modern role of advertising agencies. It deals with marketing situation analysis, management and selection of means of advertising, scheduling of the use of advertising means and methods of determining advertising allocations, as well as advertising expenditure in the context of the advertising plan.
Integrated Marketing Communications 0602330	The course deals with the concept of integrated marketing communications, its principles, objectives, dimensions and obstacles, and the stages of planning for integrated marketing communication programs, as this knowledge allows students the ability to research and evaluate the market and promotional position of the organization, employ marketing methods and study the target audience, in addition to how to employ various means of communication and media, and promotional activities. (Advertising, sales promotion, personal selling, public relations ...) for the success of integrated marketing communication programs in the traditional and electronic environment.

TV and Radio Advertising 0602340	The course addresses the basic concepts and elements of advertising communication, the characteristics of radio and television communications and advertising, as well as the elements and stages of designing a radio advertisement, and how to write and record a script for a radio advertisement. He also discussed the stages of designing a television ad and its sources of discretionary and material activity, writing the script for a television advertisement and directing it according to the local and international ethics and charters of radio and television advertising.
Printed Advertising 0602351	The course aims to introduce students to the printed declaration, its types, forms, properties and characteristics. It also addresses the date of the printed advertisement and its role in influencing the masses, the foundations and arts of printed advertising, the design and implementation elements of printed advertisements, the printing methods and materials appropriate for each form, and the analysis of the various types of printed advertisement.
Planning Advertising Campaign 0602360	The course focuses on defining the advertising campaign, its content, characteristics, and types. It provides students with the basics of planning an advertising campaign, the role of advertising in marketing planning, how to build and coordinate an advertising message strategy, choose an appropriate advertising medium, and then evaluate the advertising campaign. The practical aspect: choosing topics that require an advertising campaign, and assigning students to prepare and implement them
Direct Marketing 0602430	The course deals with the concept, origins, importance and functions of direct communication. It also provides the student with information about marketing planning, its stages, the marketing environment, market segmentation, and marketing decisions, in addition to evaluating marketing activity, electronic marketing, and the ethical and legal considerations of marketing.
Branding and Trademark 0602431	This course deals with explaining the definition of trademarks, their importance and functions, and distinguishing them from others that may be mixed with them. Then the course deals with trademark registration by stating what can be registered trademarks and what is suitable for that, the substantive and procedural conditions that must be met to register a trademark, and the implications for it. Trademark registration in terms of establishing the right to own the trademark and the right to dispose of it. The legal protections prescribed for the trademark owner. The course also describes the provisions for a well-known trademark and how to protect it.
Strategic Advertising 0602470E	The course deals with the basics of advertising in changing concepts and convictions of the consumer in order to go through a new experience and stimulates sales to create a registered trademark of the brand to take place in the market and thus gain the knowledge of a registered trademark. Students learn how to use the basics of advertising in the relationship between the customer and the agency for propaganda and the organizational restructuring, how to target the consumer and understand the needs and desires of the consumer and incentives and identify insights and consumer interests, determine the goals of advertising and the development of the implicit messages in advertising, production, media planning and advertising management and advertising budget and time needed and measure the performance of advertising campaigns
Digital Advertising 0602480E	The course deals with digital advertising and its strategies, and the knowledge that enable the learner to design an effective and successful advertisement, with distinction between different types of digital advertisements. The course focuses on understanding the role of networks in developing, activating and disseminating digital advertising. Students will gain practical skills in how to use digital environment for advertising: How to target particular audience, manage online content and digital objects, and other practical considerations such as how to utilize social media and its implications on online advertising.

International Advertising 0602481	This course aims to introduce the concepts of the international declaration, its importance, types, stages, management, functions, and the marketing, promotional, cultural and social variables within which it operates. It also focuses on the target party of the advertisement and how to deal with it. It addresses the social, economic and ethical dimensions of advertising. It also examines advertising strategies, management, stages, tools and mechanisms, the art of designing and outputting it, the message it conveys and its purpose. The course also focuses on advertising campaigns, their types, planning and implementation methods. It also deals with advertising agencies, companies and media of all kinds and their role in conveying the advertisement to the target parties. The course focuses on planning and implementing international advertising campaigns, its mechanisms and tools.
Internship in Advertising 0602490	This course deals with field training for students in one of the institutions specialized in advertising in order to give them the opportunity to gain practical experience in the field of advertising through observing and practicing the practical application of the knowledge and scientific methods that they studied in the Communication and Media program. Provided that the student produces advertising materials that prove the seriousness of his training and his interaction with the training environment.
Graduation Project in Advertising 0602499	In this course, students, in the form of groups, under the supervision of one or more members of the faculty, implement a project in the advertisement in which the students' knowledge and experiences gained during their university studies are embodied, especially the advertising courses, and the research and implementation tasks are divided into weeks of the final semester and includes evaluation Presenting and discussing the project before a committee with one or more members from outside the college and experts in the field of advertising.
Introduction to Public Relations 0603200	The course focuses on public relations, its origins, development, functions and principles, types, methods and processes of public relations in various institutions. It looks at the communication process in public relations and its internal and external means, as well as public relations standards, characteristics, advantages and characteristics of workers in this field. It focuses on public relations programs and strategies in building and enhancing the image of the institution and managing its relationships with its various audiences.
Public Opinion 0603201	The course deals with the concepts related to public opinion, its types and components, and the factors affecting its formation. It also deals with the functions of public opinion and how to measure it as a social, psychological and media phenomenon, the extent of its impact on contemporary societies, and theories that explain the phenomenon of public opinion. The course focuses on studying the most important public opinion issues, interacting with them and dealing with them from critical and analytical perspectives.
The Art of Persuasion 0603202	This course provides a glimpse into the genesis of persuasion and its relationship with rhetoric as a human behavior that aims to influence others. The article focuses on a range of theories of persuasion and communication, and aims to present applied models of persuasion and use possible means to influence others' choices through credibility, emotions, and logic.
Writing for Public Relations 0603310	The course focus on the concept of writing for public relations, its characteristics and rules, and how to write and design various printed and online media materials that are written and edited by public relations, such as: news statement, newsletters, advertising texts (public service announcement), memos, mailing, letters, reports, proposals, speech words and presentations. As for the practical side, it aims to train the student to practice writing for public relations according to the aforementioned contents.
Protocol and Etiquette 0603320	The course introduces the art and etiquette of protocol, its concept, its importance, and its functions in social and diplomatic life and in promoting public relations. The course also deals with the historical and cultural roots of protocol art and etiquette. It provides some examples that help students to understand the arts of protocol and etiquette in dealing with others in social and diplomatic events.

Public Relations Management 0603330	The course seeks to familiarize students with public relations management, its concept, importance, organizational aspects, and public relations processes: planning, programming, communications, implementation and evaluation. It also focuses on analyzing public relations work, its responsibilities, functions and various tasks. It studies other topics specializing in public relations management, such as: managing media relations, managing crisis public relations, and designing action plans for public relations.
International Public Relations 0603340E	The course allows students to explore how global, regional and domestic factors influence relations between actors on the world stage. The course equips students with knowledge and the skills necessary to gain an in-depth understanding about how cultural context might influence public relations practices.
Media Production 0603350	The course seeks to acquaint the student with the basic rules for producing printed materials for public relations (brochures, brochures, pamphlets, posters and magazines), and visual and audio materials (radio and television advertisements, documentaries about the institution and its achievements, radio paragraphs and TV programs), as well as electronic materials through multimedia.
Online Public Relations 0603360E	The course is designed to teach students the principles of online communications and their implications on developing PR strategy, conduct research, design messages (e.g., news release, PR website writing), new media usage including a select from a multitude of online platforms (e.g., Facebook, Twitter) and its PR usage and interaction. The course looks at the online reputation management, impact of new media and how PR deals with crisis. The course also presumes familiarity with basic digital engagement protocol on major platforms including social media sites.
Public Relations Campaign 0603450	The course focuses on introducing the student to the concept of public relations campaigns and the theoretical frameworks that govern its construction and planning. It deals with how to prepare public relations campaigns with its various objectives, and aims to enable the student to plan, design and implement public relations campaigns in theory and practice, and to develop communication programs plans through public relations campaigns.
Dialogue and Negotiation Management 0603460	The course seeks to introduce the student to dialogue negotiation, their concept, conditions, principles, models, means, policies, strategies and tactics, and focuses on the characteristics and specifications of a professional negotiator. It presents practical cases about negotiation and dialogue, and tests to measure the negotiation pattern, so that the student acquires various negotiation skills, dialogue and persuasion strategies adopted.
Public Relations and Social Media 0603461	The course deals with the basic concepts in the fields of public relations and social media networks, and new media in general, as well as introduces social networks in terms of their types, characteristics, and their relationship to new media and public relations. It focuses, in particular, on the link between social media networks and the field of public relations, and how to use them professionally and employ in public relations.
Organizational Communication 0603470	The course deals with the basic concepts of organizational communication. Its forms, types, functions, levels, communication channels in organizations, strategies, schools of thought, and it provides students with planning skills to manage communication and the skills to analyze the communication environment within the organization.
Case Studies in Public Relations 0603480	The course aims to introduce how to study issues or cases that faced some public or private institutions, and analyze them based on the principles of public relations. It identifies how institutions dealt with these cases and issues, and to develop students' critical thinking about the real practices of public relations by studying examples of case studies and coming up with lessons learned.

Organization of Special Events 0603481	This course aims to identify what special events and events are, their importance, and types, and how to prepare and manage events and special events of all kinds, on the local, regional, and international levels. It clarifies the marketing strategies and sales in the field of special events and events to attract the market segment with specific needs, and to clarify the technology required to meet these needs as part of the events and events services. The course combines the theoretical and practical aspects, including the field of preparation and planning, management, organization and implementation, and communication with the media.
Internship in public relations 0603490	This course seeks to put theory into practical application by directing participants to become familiar with the activities and concepts of theoretical public relations and their various applications. It also focuses on the mechanisms of creating a positive mental image for various business organizations through effective public relations management.
Graduation Project in public relations 0603499	In this course, students, in the form of groups, under the supervision of one or more members of the faculty, implement a project in public relations in which the students' knowledge and experiences they gained during their university studies are embodied in them. Especially, the courses specializing in public relations and the division of research and implementation tasks on the weeks of the semester. The final evaluation includes the presentation and discussion of the project before a committee with one or more members from outside the college and experts in the field of public relations.
Multimedia 0102411A	The course aims at introducing students to the basic concepts and usage of multimedia technology, as well as multimedia production skills and its various technologies in terms of hardware and software used. The course reviews the basic methods and applications for processing text, sound, image / animation, and video. In addition to, integrating them into a single application, taking into consideration the basic goal of developing these media. The course also focuses on the review and discussion of social and legal issues related to multimedia.
Literary Criticism and art 0405312A	This course deals with literary and artistic criticism in terms of their concept, sources, directions, approaches and types, old and modern, and includes the most prominent critical issues related to the literary and artistic aspects, and the problematic issues raised about the nature and function of literature and art. The driver also focuses on criticism patterns of cinematic, theatrical and television dramas in terms of form and content. On the practical side, the various monetary curricula are applied to literary and artistic models and works.
Principles of Management 0501200A	This course provides a comprehensive study of the principles of management with emphasis on the functions of planning, organizing, directing, motivating employees and following up on their performance. It also addresses the basic characteristics of contemporary organizations, how they manage and being introduced to the most important problems they can face in a competitive environment. The course also offers a brief idea about the most prominent old and modern management theories in order to increase the student's awareness of the theoretical developments in this field.
Marketing Management 0504200A	This course is an introduction to marketing, which covers the concepts and comprehensive ideas of the basic marketing plan, marketing mix, management strategies, market segmentation, market analysis, and other topics including organizational marketing, product life cycle, competitive analysis, marketing research and consumer behavior.
Web Design 0506423A	This course provides an introduction to the basic web design. Students will learn how to use HTML to design their web pages. Basic HTML tags will be covered for text formatting as well as more advanced tags allowing creation of image maps, tables, frames, forms and multimedia elements.

Principles of Economics 0509100	This course is designed to enable the student to obtain the basic concepts and principles of consumer behaviour. This course focuses on the most important management and marketing theories related to consumer behaviour in the social context in particular. The goal of this course is to study consumer choices and their main determinants, as well as their impact on marketing programs and public policy. It also illustrates the cultural implications of consumer behaviour.
Web Design 0506423A	This course provides an introduction to the basic web design. Students will learn how to use HTML to design their web pages. Basic HTML tags will be covered for text formatting as well as more advanced tags allowing creation of image maps, tables, frames, forms and multimedia elements.
Principles of Economics 0509100	This course addresses the definition of Economics; economic problem economic Systems, theory of production (the different factors of production work, capital, Land, and organizer), demand and supply; the full competitive market (market Balance, balance, balance consumer product), market monopoly, monopolistic Competition, money and banking, inflation and unemployment and foreign trade.
Introduction to Digital Media 0601101	This course introduces digital media, its features, characteristics, tools, and platforms, as well as the differences between it and traditional media, and its impact on individuals and societies. It also covers the methods and strategies for using digital media platforms in the fields of communication and media, along with the relevant ethics and regulations. The course focuses on building a knowledge base about the digital environment and its relationship to sustainable community development, and the new values arising from its diverse content. The practical side of the course aims to acquaint students with the fundamental skills for using digital media tools and platforms to design, produce, write, and edit various types of digital content.
Design Principles 0601110	This course aims to provide students with a comprehensive and deep understanding of the principles of graphic design and visual communication, focusing on color theory and the application of fundamental design rules, basics, and key elements. It also focuses on developing practical skills in using design software such as Adobe Photoshop, Adobe Illustrator, and Adobe InDesign to create effective and professional design projects. The course emphasizes combining theoretical foundations with practical applications, and the role and impact of graphic design in visual communication and media.
AI Applications in Communication and Media 0601206	This course aims to introduce students to the fundamentals of Artificial Intelligence (AI) and its growing importance in the fields of communication and media. The course focuses on training students in how to use AI applications and tools for creating media content, data analysis, audience interaction, and improving media operations. It also discusses the ethical and legal challenges associated with the use of artificial intelligence in these fields.
Multimedia in Communication and Media 0601210	This course aims to introduce students to the basic concepts of multimedia and its uses in communication and media fields. It focuses on teaching students how to use fundamental software and applications to process multimedia elements (text, audio, images, animation, and video) for producing interactive and non-interactive media content for publication across various platforms.
Website Design in Communication and Media 0601312E	This course provides an introduction to web page design within the context of Communication and Media. Students will learn to use HTML to create functional web pages. Topics include basic and advanced HTML tags, image maps, tables, frames, forms, and multimedia integration.

Writing for Digital Media 0601313	This course covers the concept of writing for digital media, its importance, and the differences between it and writing for traditional media. It addresses the fundamentals and rules of writing for digital media, the stages of preparing media content, writing and editing rules, the editorial tools used by digital editors, the editing formats adopted by digital media, and the skills required of a digital media editor.
Digital Media Applications 0601323	This course provides students with the knowledge and practical skills for using contemporary digital applications and platforms in the field of digital media. It covers the most important tools and techniques used in producing, analyzing, publishing, and distributing media content professionally and effectively. It also gives students hands-on experience with various applications such as: Timeline, SoundCloud, Infogram, and Google applications (Google Forms, Google Sites, Google Analytics), and building media publishing blogs like (WordPress) or (Blogger), among other tools that support digital media work in the areas of publishing, audio, infographics, and planning digital campaigns.
Digital Media Campaigns 0601331	This course examines digital media campaigns and their growing significance due to the revolution in communication and information technologies, and the shift of journalism and media towards digital editions and integrated websites. It explores the concepts and terminology related to media campaigns, their types and means, and the stages of their planning and execution, with a focus on the elements of an online media campaign such as the campaign organizer, campaign content, target audience, the digital platforms used for broadcasting and publishing, and campaign evaluation. The course also trains students to execute online journalistic campaign projects and discuss them.
Social Media Analytics 0601460E	This course introduces students to the fundamental principles, techniques, and tools used in analyzing social media data. Students will learn to collect, clean, and interpret data to make informed decisions and develop data-driven strategies for various business and organizational goals. The course integrates theoretical knowledge with practical applications, focusing on tools, metrics, and strategies used in the field. The course also emphasizes ethical considerations and real-world applications of social media analytics.
Content Creation for Digital Media 0601484	This course covers digital media content creation in terms of concepts, characteristics, and technical programs, and how to employ them in planning, designing, and producing media content for digital platforms. It addresses the unique nature of the content creation process for digital media and the required skills, focusing on the stages and methods of creating and producing text, audio, images, and video as content for digital media.
Internship in Digital Media 0601492	This course provides students with the foundations of field training at a specialized digital media institution, giving them the opportunity to gain practical experience in the field. This is achieved through the practical application of the knowledge they have studied and the skills they have acquired during their academic journey in a real-world setting. This ensures students' integration into the job market and their understanding of its requirements. Field training also serves as an opportunity for students to enter the workforce.
Graduation Project in Digital Media 0601495	In this course, students work in groups under the supervision of one or more faculty members to execute a project in the field of digital media. This project embodies the knowledge, skills, and expertise the students have acquired during their university studies, particularly in the digital media track. Research and executive tasks are distributed across the weeks of the semester. Evaluation includes the presentation and discussion of the project before a committee comprising two or more members from within the faculty and external experts in the field of digital media.

Graphic Art 0602350	This course aims to introduce students to the fundamentals of digital graphic design, with a focus on producing video graphics and motion graphics for marketing and advertising purposes using Adobe After Effects and Adobe Premiere Pro. Through this course, students will learn how to plan and execute creative visual clips that enhance digital interaction with the audience and incorporate visual identity into marketing campaigns. The practical training also includes designing animated scenes and digital graphics that professionally integrate text, images, and sound.
AI in Digital Media 0601306	This course focuses on understanding the role of artificial intelligence in developing the digital media industry by exploring its applications in areas such as: information gathering, news editing, data analysis, content personalization, multimedia production, and audience interaction. The course also discusses the ethical and legal dimensions associated with using AI in media environments. It equips students with practical skills in utilizing AI tools like journalistic robots, recommendation systems, and predictive analytics applications on digital media platforms.
Investigative Journalism 0601420	This course aims to introduce students to the fundamentals of investigative journalism and its modern tools, with a focus on using technology and digital data to develop in-depth and innovative investigations. The course covers techniques for collecting, analyzing, and verifying digital data, and how to present investigative reports using various digital media such as video, infographics, and interactive media.
Preparing and delivering programs and interviews 0601440	This course introduces students to the nature of audio and visual programs, their types, content, and production formats. It focuses on writing scripts for audio and visual programs through the study and evaluation of diverse program models such as variety shows, cultural programs, radio magazines, talk shows, and podcast discussions. The course also covers program planning, the preparation of daily broadcast schedules, and the stages of producing, presenting, and broadcasting audio and visual programs. It addresses the technologies and software used in their production and broadcast, as well as how to conduct successful media interviews for both traditional and digital platforms.
Issues in Digital Media 0601450	This course aims to familiarize students with key contemporary issues in the field of digital media, focusing on the social, ethical, and legal challenges posed by the new media environment. The content includes discussing various topics shaping the digital media landscape. By studying these topics, students will develop a critical understanding of these issues and the ability to analyze their impacts and implications for society and the media industry. The course also seeks to enhance students' awareness of their digital responsibilities and how to deal with the realities of digital media in a professional and ethical manner.
Advertising Institutions Management 0602321	This course aims to introduce students to the nature of advertising agencies' work and the fundamentals of their management and organization, with a focus on their organizational structure and various functions such as: planning, creativity, and media buying. It also clarifies the relationship between advertising agencies, clients, and suppliers, and presents diverse models of international and local advertising institutions. The course additionally covers methods for developing advertising plans, mechanisms for presenting creative proposals, pricing, and campaign management. It equips students with skills to analyze advertising performance and make effective managerial decisions within a competitive environment. Furthermore, it encourages them to think strategically in managing advertising projects according to professional and ethical standards.

Visual Identity and Branding 0602352	This course focuses on providing the theoretical knowledge and practical skills necessary for understanding and developing institutional brands and visual identities. It covers the concept of branding, elements of visual identity such as logos, colors, and typography, in addition to strategies for enhancing brand value in digital contexts. The course also offers an in-depth perspective on the importance of graphic design and digital marketing in creating and strengthening brands, incorporating practical case studies and applied projects.
Advertising and Digital Marketing Strategies 0602471E	This course explores the transition from traditional advertising to digital marketing, focusing on strategic methods that connect with target markets. Students will develop comprehensive digital marketing strategies, from analyzing online environments and crafting marketing mixes to employing advanced digital branding techniques. The curriculum emphasizes the practical implementation of these strategies to enhance advertising performance. It also covers fundamental advertising principles that reshape consumer perceptions, strengthen brand presence, and boost market engagement. Students will gain skills in managing advertising campaigns, including concept development, budgeting, media planning, and performance evaluation, preparing them for the dynamic field of digital marketing and advertising.
Internship of Advertising and Digital Marketing 0602492	This course focuses on the field training process for students at a specialized institution in advertising or digital marketing. It aims to provide them with the opportunity to gain practical experience in the field of advertising by observing and applying the knowledge and scientific methods they have studied in the Advertising and Digital Marketing program. The student is expected to produce advertising materials that demonstrate the seriousness of their training and their engagement with the training environment.
Graduation Project in Advertising and Digital Marketing 0602495	In this course, students work in groups under the supervision of one or more faculty members to execute a project in the field of advertising. This project embodies the knowledge and experiences the students have acquired during their university studies, particularly in the courses of the Advertising and Digital Marketing major. Research and executive tasks are distributed across the weeks of the final semester. The evaluation includes presenting and discussing the project before a committee comprising at least one member from outside the college and experts in the field of advertising.
AI in Digital Marketing 0602306	This course addresses the transformative role of artificial intelligence in the field of digital marketing, exploring the comprehensive range of key AI applications used in content creation, customer targeting, campaign optimization, and predictive analytics. Students will apply AI tools in digital marketing and learn how to assess their ethical and strategic impacts within media-managed marketing environments.
Advertising and Social Media 0602432	This course examines advertising and its various strategies across social media networks. This requires knowledge of effective and successful design methods and tools, along with the ability to distinguish between types of interactive advertisements on different social media platforms. Additionally, the course covers the role of social networks in developing, activating, and disseminating advertisements to ensure they reach the largest possible target audience. It also discusses the advantages and disadvantages of these platforms, particularly in relation to digital marketing.
Official Spokesperson 0601360	The course introduces the official spokesperson, his characteristics, functions and roles in the field of crisis and risk communication. It reviews the personal and communication skills of the spokesperson, the factors of his success and effectiveness in managing crises and risks communicatively and in the media. The course discusses the cognitive and professional rules and foundations for the media performance of the spokesperson, and the technological knowledge required of the spokesperson in the digital environment. The practical aspect of the course focuses on teaching and evaluating students' performance in a position as spokespersons.

AI in Digital Public Relations 0603307	This course aims to enable students and professionals in the field of public relations to understand and comprehend how to use artificial intelligence tools in digital public relations. It focuses on mechanisms for enhancing digital communication strategies, managing reputation, and measuring the impact of media campaigns and public relations campaigns.
Introduction to Communication and Crisis 0604100	This course aims to introduce students to the basic concepts of communication and its management in crisis contexts. It discusses the nature of crises and their impact on institutions and societies, with a focus on the role of traditional and digital means of communication in preventing crises and mitigating their repercussions and effects. On the practical side, the course develops students' skills in the field of crisis analysis and develops effective communication strategies to deal with them.
Crisis and Risk Communication Models and Theories 0604110	The course explores how individuals, organizations, and communities perceive, assess, and communicate potential risks and actual crises. It delves into the theories and models adopted in the field of crisis and risk communication, and examines how to apply the concepts and frameworks of these theories and models in analyzing and studying realistic models of crises and potential risks in societies and countries, such as: risks, health and environmental crises, and reputational risks and crises.
Reputation Management in Crises 0604120	The course aims to introduce students to the concept of reputation management and its importance in building a positive image of the institution, and works to acquire the necessary knowledge to analyze communication and media crises and apply effective strategies to manage them, and develop their skills in the field of preparing strategic plans to deal with reputation crises. The course also develops students' skills in the use of communication media and digital media and their applications in monitoring reputation and related crises, and how to work to build confidence and positive interaction with the institution's audience.
Government Communication and Crisis Management 0604140	The course deals with the role of government communication in crisis management at the local and international levels. It aims to enhance students' understanding of the role of government institutions in building effective communication strategies during crises, and analyzing political and social contexts to manage crises communicatively and in the media. The course focuses on developing students' skills in the field of formulating communication and media messages, and choosing appropriate means to communicate with the public in professional ways.
Digital Media in Crisis 0604150	The course aims to introduce students to the role of digital media in crisis management, by studying strategies for using digital media and digital platforms before, during and after crises. The course discusses methods of analyzing digital information from different websites and applications and how to use digital media as a tool to enhance communication with the public and overcome challenges, how to deal with misleading news, managing digital reputation at critical times, and the communication, leadership and technical skills of the crisis communication team in managing situations and protecting the reputation of the organization from the effects of the crisis. It also focuses on the ethical and technical aspects of the use of digital media in this context.
Media release and Briefings 0604370	The course aims to provide students with the basic knowledge and skills to prepare and write statements and briefings in a professional and ethical manner. The course includes introducing the types of media data, their objectives, and methods of drafting them, in addition to training in preparing effective data that conforms to the requirements of traditional and digital publishing. The course also deals with the skills of implementing briefings and managing press conferences, the role of the spokesperson in representing the institution, preparing media messages, and dealing with media professionals, especially in times of crisis. The course covers the ethical and legislative aspects associated with disseminating information from its official sources, while training students in practical simulations to prepare and implement direct and indirect data and briefings and provide real models that enhance their communication skills in different work environments.

Media Production for Crisis Communication 0604380	The course aims to provide students with the skills and knowledge necessary to produce effective media materials used in crisis management, and to acquire the skills to use various tools, applications and programs in the production of printed and audiovisual materials as well as digital materials for crisis and risk communication. In addition to developing research methods in selecting appropriate media and publishing media materials that reduce the negative effects of crises and enhance the image of the institution.
Internship for Communication and Crisis 0604492	The course deals with field training for students in one of the specialized crisis management institutions, in order to enable them to acquire the necessary expertise to deal with crises effectively, through their participation in developing communication plans, developing media messages, and interacting with the media, the public, and others. Students should implement practical projects that demonstrate their ability to analyze crises and formulate appropriate communication strategies.
Graduation Project in Communication and Crisis 0604495	In this course, students, in groups, and under the supervision of one or more faculty members, implement a project in communication and crises, in which what students learn from the knowledge they have gained from their experiences during their university studies, especially the courses of the communication and crises track. The division of research and executive tasks into semester weeks. The evaluation includes presenting and discussing the project before a committee with one or more members from outside the college who are experts in communication and crisis.
AI in Communication and Crisis 0604306	The course aims to enable students to know the methods and mechanisms of using artificial intelligence tools in the field of institutional communication, to enhance effective communication strategies during risk crises, and focuses on exploring how to use artificial intelligence tools, such as chatbots, analysis and prediction robots, and automated content generation, in improving the effectiveness of communication response during crises. The course develops students' skills in critical thinking and decision-making in different contexts, through the use of various applications and tools of artificial intelligence for risk and crisis communication. While discussing and analyzing the ethical and social responsibility considerations associated with the use of AI technologies in the field.
Communication and International Crisis 0604461	The course deals with the study of international crisis communication, the main elements of international crisis management - before, during and after the crisis, the strategies used in the fields of international crisis management and their relationship to external communications of countries, in addition to understanding the theory of international conflicts and analyzing how to plan and manage anti-crisis communications at the international level. Through the course, the student learns how to apply approaches and theories in the analysis of international crisis communication management for organizations and institutions, and ways and methods of crisis prevention, preparedness and long-term response. On the practical side of the course, the student employs theories and strategies of international crisis communication in addressing and managing a real or virtual crisis.
Risk Management 0604471E	The course aims to provide students with the knowledge and skills necessary to predict, identify and manage risks of all kinds, their impact on institutions, and ways and mechanisms to develop strategies to deal with risks and avoid falling into them.
Digital Diplomacy 0604481	The course introduces the concepts and terms of digital diplomacy, its importance and types, its functions in developing international relations, its role in enhancing various skills in negotiations and developing capabilities in critical thinking, and discusses digital diplomacy in different international models, and the role of digital communication and media in supporting and developing various diplomatic relations.
Visual Identity for Institution 0604491	The course deals with the design and development of the visual identity of profit and non-profit institutions, with a focus on compatibility with modern digital trends. It deals with the components of visual identity, from the logo, colors and fonts to visual applications through traditional and digital media. It discusses various creative strategies in building a cohesive corporate image that reflects values and vision and contributes to the excellence of the corporate brand in a rapidly evolving competitive market. The course also includes applications using modern design software, practical assignments, final projects, and field visits.

Brief Course Descriptions/ Master of Arts in Digital Media and Public Relations

Course Title & No.	Brief Course Description
Advanced Communication and Media Theories 0601610	This course is designed to serve as an advanced exploration of communication and media theories and their practical applications. It reviews schools and major trends in this, ranging from the stream of mass communication media research at the beginning of the twentieth century to the theories and entries of new media, digital media and contemporary cultures at the beginning of the third millennium. Thetopics will cover the basic concepts and ideas of: functional sociology and theories of mass communication, the direction of information, cultural industries and political economy, and hermeneutic sociology. It also deals with the introductory approaches to digital media, theories of technological determinism, dominance, the social production of knowledge, the theory of rituals and digital identity, and the virtual public sphere. Students will engage in critical analysis of contemporary communication and media theories, assess their relevance in contemporary communication contexts, apply them through research projects , and analyze current media practices.
Digital Media Ethics and Legislation 0601611	The course deals with the ethics, laws and legislation of digital media and public relations, and discusses media and communication issues related to professional ethics , and the need for media and public relations practitioners to adhere to ethical and legal frameworks in the field of media and communication content production.
Advanced Research Methods in Media and Communication 0601612	The course aims to enhance advanced skills in scientific research methods in the fields of media, communication and public relations, using tools, methods and theoretical frameworks that analyze and study advanced problems. The course focuses on understanding the foundations of quantitative and qualitative research design and the mixed approach, the main differences between them, the uses of each of them, and the research topics and the appropriate analytical and measurement tools for them. In the applied aspect of the course, the student accomplishes scientific research , according to scientific and ethical standards and conditions.
Web and Social Media Analytics 0601613E	This course focuses on fundamental concepts and techniques for analyzing web and social media data, as well as website usage and clickstream data using various tools such as Adobe Analytics and Google Analytics. Students will learn how to work with trend reports and data, analyze online marketing strategies, explore new opportunities, understand website visitor behavior and experiences, and conduct social network analysis to identify key social actors, subgroups, and network characteristics in social media. The course will also explore how web analytics can drive higher profits, enhance customer experience, track website activity, measure marketing campaigns, and generate reports. Selected software required: Google Analytics, Google AdWords, Hootsuite, Talkwalker Platform, Facebook Analytics, Twitter Insights, YouTube Analytics, Adobe Analytics. http://www.apus.edu/z/course-syllabus/WEBD222.pdf
Seminar in Digital Media and Public Relations 0601614	The course reviews a set of emerging issues on digital media ; emerging communication practices in the field of public relations and institutional communication in the digital environment , in the form of a weekly seminar that allows students to discuss, analyze and evaluate emerging topics on the impact of digital media media , tools and applications on content creation in traditional media , public relations activities and practices , as well as their impact on the social and cultural systems of societies. On the practical side: The course will develop students ' skills in the field of critical thinking, analysis and discussion of issues in the fields of digital media, communication and public relations.

Applied Statistics in Media and Communication 0601615E	The course aims to prepare students with advanced knowledge and skills in applying statistical methods in the fields of media and communication. It enables them to understand measurement tools and their applications in presenting and analyzing both quantitative and qualitative results of media studies. Additionally, students will master all necessary analyses required to measure statistical variables and scientifically interpret the relationships between them. The course also provides guidance in the use of modern computational applications and statistical methods for various fundamental statistical tests, including parametric and non-parametric approaches, commonly used in media studies.
Innovation in Digital Media and Social Transformation 0601620	The course addresses the role of innovative digital applications, tools and mobile technologies in stimulating social transformation and promoting innovation, and focuses on how digital technology can be used to bring about positive changes in society. Through it, students learn about a set of digital tools and theories and apply them to practical cases that reflect the challenges and opportunities in the field of digital media. The course also teaches students the mechanisms and frameworks for analyzing the social and cultural impacts of digital technologies and their role in shaping public policies and social systems. Assess the relationship between technology, digital media , individuals, and society.
Digital Media Management 0601621E	This course provides a systematic introduction to digital media management by focusing on competitive strategies, operational aspects, and the development of effective and evolving digital media communication. The course helps students develop interpersonal skills, team spirit, leadership potential, production, content management, finance, and operations, and apply them in digital media management. The course prepares students for leadership and management positions, as well as entrepreneurial activities in interactive and digital communications. Specific attention is given to the creation and maintenance of a competitive advantage, media segmentation, and the management of innovation and competitiveness. Principles are applied to practice through the use of real-world case studies.
Communication and Digital Media Strategies 0601622	The course aims to provide students with comprehensive knowledge and skills of advanced communication strategies in the dynamic environment of digital media, with a focus on how to build effective communication strategies on different digital platforms. The course develops students ' skills in designing, managing and analyzing the contents of digital communication, and mechanisms to enhance relations with the public in multiple contexts. The course also reviews the ethical and legal issues associated with digital media and its strategies.
Digital Media Production 0601623E	This course aims to introduce students to the principles and foundations of digital content production, focusing on the technical and creative aspects required by the digital media environment. The course equips students with practical and theoretical skills in designing, developing, and producing innovative digital content suitable for various platforms, such as websites, social media, digital applications, and AI tools, based on ethical and professional standards.
Media, Culture and Society 0601624	The course "Media, Culture and Society" aims to explore the mutual relations between the media, culture, and society, through the theoretical study and scientific analysis of relevant phenomena and issues, through which students learn about how media shape identities and public opinion, and the impact of changes in the fields of media and communication on social and cultural systems. It also highlights the transformations resulting from the development of communication and media technology , and the ethical and professional dimensions related to the practice of media in diverse cultural contexts.

Digital Public Relations and Advertising 0603630E	This course aims to provide students with an advanced understanding of the role of digital public relations and advertising in the digital age, with a focus on modern communication strategies, reputation management methods, and audience engagement. It highlights how to use digital tools and social platforms to create creative and effective campaigns, with a focus on data analysis and performance indicators to improve results.The course focuses on the most prominent theoretical and practical concepts related to digital public relations, including digital crisis management, building digital identity, creating creative content, and managing digital advertising campaigns. It also focuses on how to use modern technologies such as artificial intelligence and digital analytics in designing and implementing effective public relations and advertising strategies.
Strategic Communication 0603631	The course aims to provide students with the knowledge and skills necessary to plan and implement effective communication strategies in diverse environments. It discusses a variety of topics, including: building institutional identity and mental image, analyzing the target audience, designing communication messages according to different strategies, and employing digital tools and persuasion strategies to enhance influence and effective communication in those environments. In its practical aspect, the course focuses on real-life applications and case studies.
Crisis and Risk Communication 0603632	The course deals with the methods and mechanisms of crisis and risk management communicatively. The topics of the course will focus on crisis and risk management in the phases of: pre-crisis crisis and risk prevention, preparedness and planning (crisis response) crisis communications and stakeholder engagement during the critical period and post-crisis lessons learned, corrective actions and reputation restoration.The course will provide a set of practical knowledge and skills in all situations related to risks and crisis management in the media and communication, and enable students to make the best decisions to confront potential risks and existing crises by adopting effective communication strategies and persuasive media contents, in accordance with ethical and professional standards. Emphasis will be placed on the practical application of crisis and risk communication theory, relying on real-life case studies.
Advertising and Digital Marketing 0603633E	This course provides advertising and digital marketing strategies, and techniques. Students will learn how to develop and implement effective digital marketing campaigns, analyze performance metrics, and utilize digital platforms to enhance brand visibility and engagement. The course combines theoretical knowledge with practical applications to prepare students for real-world marketing challenges.
Corporate image and brand management 0603634	This course aims to provide students with the knowledge and skills necessary to understand and analyze the image of the institution and brand management from two perspectives: institutional and consumer, in both traditional and digital media. The course offers a balanced combination of theoretical framework and practical applications to promote a deep understanding of concepts, increase student interaction, and develop their practical abilities. The course focuses on developing students' abilities in analyzing and managing strategies for building the image of the organization, highlighting the role of digital media in enhancing the brand's reputation, and how to use effective communication strategies to interact with the target audience.
Thesis 0606691	In this course, the student prepares a thesis in the field of digital media or public relations and advertising under the supervision of a faculty member (professor or associate professor) specialized in one of the disciplines of media and communication. The student employs the theoretical knowledge and practical skills he has gained from his previous experience in preparing the thesis, starting from the selection of the topic to the presentation and discussion of the results. The topic of the thesis is chosen by the student and approved by the supervisor. A seminar is held at the program level to discuss the topic, its plan and approval. The letter will also be presented after its completion, and obtaining the validity decision by the supervisor and the examiners before the Committee of Experts for discussion, evaluation and monitoring of its degree.

COLLEGE OF DENTISTRY

About the college

The Bachelor of Dental Surgery program, a five-year undergraduate curriculum, is competency-based and consists of 200 Credit Hours distributed across 14 semesters (comprising 10 regular semesters and 4 summer semesters). This curriculum emphasizes achieving specific outcomes through various learning experiences that contain a mix of student-centered and teacher-centered activities. Through carefully designed program delivery and resource allocation, students are empowered to acquire the essential professional attributes and competencies. The AAU university is committed to furnishing future dental colleges with cutting-edge technology, exceptional infrastructure, and a highly skilled and efficient staff to create an optimal learning environment for students.

Vision

To be a pioneering center of excellence in dental education, research, and patient care—shaping future leaders in oral health for Abu Dhabi, the UAE, and the world.

Mission

Our mission is to prepare skilled and compassionate dental professionals through excellence in education, research, and clinical practice. We are dedicated to advancing oral health, fostering innovation, and serving the community, while positioning Abu Dhabi as a leader in dental education and healthcare.

Dean's Message

It is with immense pride and great excitement that I welcome you to the College of Dentistry at Al Ain University—an inspiring new chapter in the advancement of dental education and oral healthcare in the Emirate of Abu Dhabi. The establishment of this college represents not only the creation of an academic institution, but also the birth of a vibrant community committed to knowledge, innovation, and service.

Our vision is to cultivate compassionate, skilled, and forward-thinking dental professionals who will make a meaningful impact on society. We are dedicated to offering an education that seamlessly integrates strong scientific foundations with extensive clinical training, ensuring that our graduates are not only highly competent but also confident leaders in the evolving field of modern dentistry.

At the College of Dentistry, students will find a dynamic learning environment that fosters curiosity, critical thinking, and a passion for lifelong growth. With world-class facilities, distinguished faculty, and a curriculum designed to meet the highest international standards, we aim to prepare our students to

embrace the challenges and opportunities of contemporary dental practice. Equally important, we recognize that excellence in dentistry extends beyond technical expertise. Empathy, ethics, and a spirit of service are at the heart of our programs, guiding our students to become professionals who not only restore smiles but also enrich lives and contribute to the well-being of their communities. I warmly invite you to join us on this exciting journey of discovery, growth, and achievement. Together, we will build a distinguished institution that stands as a center of excellence in dental education, research, and patient care.

Goals

1- Develop an academic program in dentistry that is recognized as a leader in the region in both education and innovation.
2- To ensure that its graduates are grounded with the appropriate knowledge and clinical skills that encourage lifelong learning and critical thinking.
3- Contribute to the advancement of scientific knowledge in dentistry and oral health through research.
4- Provide oral healthcare services with integrity and accountability to the community.
5- Promote collaborative academic activities with other healthcare organizations and universities.

Objectives

1- To develop and continuously enhance an innovative curriculum and learning environment that integrates advanced technologies and supports academic excellence.
2- To graduate competent professionals through evidence-based education that fosters clinical competence, critical thinking, and lifelong learning.
3- To promote research and scholarly activities that advance scientific knowledge and innovation.
4- To deliver ethical, patient-centered oral healthcare that ensures professionalism, accountability, and community engagement.
5- To establish strategic partnerships that enhance academic collaboration, research, and alignment with societal needs.

College Council

No.	Name	Title
1	Firas Al Quran	Chair
2	Azza Ramadan	Member
3	Rose Ghermrawi	Member
4	Taima Alqudah	Member
5	Nezar Al Bataineh	Member

Learning outcomes

	Learning outcomes	Aligned with L7 QFE Descriptors
1.	Professionalism, Ethics & Responsibility	Responsibility
2.	Communication, Teamwork & Cultural Competence	Responsibility & Skills
3.	Health Promotion, Prevention & Community Engagement	Knowledge & Skills
4.	Scientific Knowledge, Research & Evidence-Based Practice	Knowledge
5.	Patient-Centered Clinical Care & Clinical Competence	Skills

Bachelor of Dental Surgery Study Plan 2025/2026

Course	Course Title	Hrs	Pre. Req. Hrs
General Education Requirements – Compulsory Hrs. 12			
0114208	Introduction to Artificial Intelligence	3	
0401120	English I	3	
0405100	Arabic Language	3	
0409103	UAE Studies	3	
Biomedical Science Courses			
0200100	Biology	3	
0200220	Human Physiology	3	
0200241	Microbiolog and Immunology	3	
0201100	Chemistry	3	
0201240D	Biochemistry	3	
0203380D	Pharmacology	3	
0701325N	Biostatistics & Research Methods	3	
0800101	Anatomy I	3	
0800102	Anatomy II: Head & Neck	4	(0800101)
0800103	General Histopathology I	3	
0800104	General Histopathology II	3	(0800103)
0800401	Dental Pharmacotherapeutics	2	(0203380D)
Preclinical Courses Hrs. 52			
0801101	Dental Anatomy and Occlusion	3	
0802101	Dental Materials	3	
0803201	Oral Histopathology I	3	(0800104)
Preclinical Courses Hrs. 52			
0803202	Oral Histopathology II	3	(0803201)
0804201	Endodontics I	3	
0804202	Endodontics II	3	(0804201)
0805201	Fixed Prosthodontics I	3	
0805202	Fixed Prosthodontics II	3	(0805201)
0806201	Operative Dentistry 1	3	
0806202	Operative Dentistry II	3	(0806201)
0807201	Oral Radiology I	2	
0808201	Removable Prosthodontics I	3	
0808202	Removable Prosthodontics II	3	(0808201)
0809201	Periodontics I	2	
0810301	Orthodontics I	2	
0811301	Medically Compromised Patient and Medical	3	
0812401	Preclinical-Implantology	2	
0813401	Pediatric Dentistry I	3	
0814401	Preventive Dentistry	2	
Clinical Courses Hrs : 69			
0803301	Oral Histopathology III	2	(0803202)
0804301	Endodontics III	2	(0804202)
0804302	Endodontics IV	2	(0804301)
0805301	Fixed Prosthodontics III	2	(0805202)
0805302	Fixed Prosthodontics IV	2	(0805301)
0806301	Operative Dentistry III	2	(0806202)
0806302	Operative Dentistry IV	2	(0806301)
0807301	Oral Radiology II	2	(0807201)
0808301	Removable Prosthodontics III	2	(0808202)
0808302	Removable Prosthodontics IV	2	(0808301)
0809301	Periodontics II	2	(0809201)
0810302	Orthodontics II	2	(0810301)

Course	Course Title	Hrs	Pre. Req. Hrs
0812501	Clinical Dental implantology -I	2	(0812401) & (0818501)
0812502	Clinical Dental implantology -II	2	(0812501)
0813501	Pediatric Dentistry II	3	(0813401)
0813502	Pediatric Dentistry III	3	(0813501)
0815301	Oral Surgery I	2	(0824201)
0815302	Oral Surgery II	2	(0815301)
0816301	Oral Diagnosis	2	(0807301)
0817301	Internal clinical training I	2	(0806302) & (0804302) & (0805302) & (0808302) & (0815302)
0817403	Internal clinical training II	2	(0818402)
0818401	Comprehensive Care Dentistry I	5	(0806302) & (0804301) & (0805301) & (0808301) & (0809401) & (0815401)
0818402	Comprehensive Care Dentistry II	5	(0818401)
0818501	Comprehensive Care Dentistry III	5	(0818402)
0818502	Comprehensive Care Dentistry IV	5	(0818501)
0819501	Laser in Dentistry I	2	(0818501)
0819502	Laser In Dentistry II	1	(0819501)
0820501	Interprofessional Practice-I	1	
0820502	Interprofessional Practice-II	1	
Other Courses Hrs : 36			
0809401	Periodontics III	1	(0809301) & (0818401)
0809402	Periodontics IV	1	(0809401) & (0818402)
0809501	Periodontics V	1	(0809402) & (0818501)
0815401	Oral Surgery III	2	(0815302) & (0818401)
0815402	Oral Surgery IV	1	(0815401) & (0818402)
0821201	General Surgery	2	
0822401	Research literacy I	2	(0701325N)
0822402	Research literacy II	2	(0822401)
0822501	Research project I	1	(0822402)
0822502	Research project II	1	(0822501)
0823301	Digital Dentistry I	1	
0823401	Digital Dentistry II	1	(0823301) & (0818401)
0823402	Digital Dentistry III	1	(0823401)
0823501	Digital Dentistry IV	1	(0823402)
0823502	Digital Dentistry V	1	(0823501)
0824201	Local Anesthesia	1	
0825301	Dental Practice Management	2	
0826301	Ethical & Medico-legal Aspects of Dentistry-I	3	
0827401	Oral Medicine I	2	(0818401)
0827402	Oral Medicine II	2	(0827401) & (0818402)
0828402	Community Dentistry I	1	
0828501	Community Dentistry II	2	(0828402)
0829401	Geriatrics Dentistry	1	
0830501	Forensic Odontology	1	
0831201	General Medicine	2	

Bachelor of Dental Surgery Guidance Plan

Year-1			Year-2			Year-3			Year-4			Year-5	
First Semester	Second Semester	Summer 1	First Semester	Second Semester	Summer 2	First Semester	Second Semester	Summer 3	First Semester	Second Semester	Summer 4	First Semester	Second Semester
Anatomy I 0800101 (3)	Anatomy II: Head & Neck 0800102 (4)	Islamic Culture ICU 103 (2)	General Histopathology II 0800104 (3)	Oral Histopathology II 0803202 (3)	General Medicine 0831201 (2)	Oral Histopathology III 0803301 (2)	Operative Dentistry IV 0806302 (2)	Internal clinical training I 0817301 (2)	Periodontics IV 0809402 (1)	Comprehensive Care Dentistry I 0818402 (5)	Internal clinical training II 0817403 (2)	Comprehensive Care Dentistry III 0818501 (5)	Comprehensive Care Dentistry IV 0818502 (5)
English Language 0401120 (3)	General Histopathology I 0800103 (3)	UAE Society & Cultural Diversity 0409103 (2)	Pharmacology 0203380D (2)	Operative Dentistry II 0806202 (3)	General Surgery 0821201 (2)	Oral Surgery I 0815301 (2)	Endodontics III 0804301 (2)	Ethical & Medico-legal Aspects of Dentistry-I 0826301 (2)	Oral Surgery III 0815401 (2)	Digital Dentistry II 0823402 (1)	Comprehensive Care Dentistry II 0818402 (4)	Digital Dentistry III 0823501 (1)	Digital Dentistry IV 0823502 (1)
Biostatistics BIS 101 (3)	Dental Anatomy and Occlusion 0801101 (3)		Oral Histopathology I 0803201 (3)	Removable Prosthodontics I 0808202 (2)		Operative Dentistry III 0806301 (2)	Fixed Prosthodontics III 0805301 (2)	Dental Practice Management 0825301 (2)	Endodontics IV 0804302 (3)	Pediatric Dentistry I 0813401 (3)		Pediatric Dentistry II 0813501 (3)	Pediatric Dentistry III 0813502 (3)
Artificial intelligence 0114208 (3)	Microbiology & Immunology 0200241 (3)		Biochemistry 0201240D (2)	Endodontics I 0804201 (3)		Endodontics II 0804202 (2)	Removable Prosthodontics III 0808301 (2)		Removable Prosthodontics IV 0808302 (3)	Oral Surgery IV 0815402 (1)		Periodontics V 0809501 (1)	Research project II 0822502 (1)
Biology (0200100) (3)	Thinking Skills 0408106 (3)		Behavioral Sciences & psychology BSE 103 (2)	Fixed Prosthodontics I 0805201 (3)		Fixed Prosthodontics II 0805202 (2)	Periodontics III 0809401 (1)		Research literacy I 0822401 (2)	Oral Diagnosis 0816301 (2)		Laser in Dentistry I 0819501 (2)	Interprofessional Practice-II 0820502 (1)
Chemistry (0201100) (3)	Human Physiology 0200220 (3)		Dental Materials 0802101 (3)	Periodontics I 0809201 (2)		Removable Prosthodontics II 0808202 (2)	Oral Surgery II 0815302 (2)		Orthodontics II 0810302 (2)	Preclinical-Implantology 0812401 (2)		Community Dentistry II 0828501 (2)	Forensic Odontology 0830501 (1)
			Operative Dentistry I 0806201 (3)	Local Anesthesia 0824201 (1)		Periodontics II 0809301 (2)	Oral Radiology I 0807201 (2)		Dental Pharmacotherapeutics 0800401 (2)	Geriatrics Dentistry 0829401 (1)		Research project I 0822501 (1)	Laser in dentistry II 0819502 (2)
				Oral Medicine I 0827401 (2)		Orthodontics I 0810301 (2)	Medically Compromised Patient and Medical Emergency 0811301 (3)		Fixed Prosthodontics IV 0805302 (3)	Community Dentistry I 0828501 (1)		Interprofessional Practice-I 0820501 (1)	Clinical Dental implantology -II 0812502 (3)
						Oral Medicine II 0827402 (2)	Digital Dentistry I 0823301 (1)			Research literacy II 0822402 (1)		Clinical Dental implantology -I 0812501 (2)	
							Oral Radiology II 0823401 (2)			Preventive Dentistry 0814401 (2)			
18	19	4	18	19	4	18	19	6	18	19	6	18	17
41			41			43			43			35	
203													

Brief Course Descriptions

Course Title	Brief Description
English Language **0401120**	This course aims to empower dental students with the essential abilities for achieving excellence in both spoken and written English communication, establishing a strong foundation for effective professional discourse. Furthermore, it provides an intensive study of the writing process, with a particular emphasis on organizing ideas effectively within cohesive expository and persuasive essays. The primary objective is to broaden vocabulary and elevate proficiency in constructing articulate responses during examinations.
Biology **0200100**	The course of Principles of Biology is designed to give knowledge of the basic processes of life; function of components of eukaryotic cells, structure of biomolecules, structure and function of proteins, membranes and the role of enzymes. The course helps the students to understand cell signaling, DNA replication, and protein synthesis and biotechnology techniques. The students would be given an overview on bioinformatics and also learn to use basic tools in genome sequence analysis. The course also deals with some aspects of functioning of human systems and ecology.
Critical Thinking **0408106**	This course is an introduction to the main thinking skills and strategies. A brief definition of thinking and intelligence will be considered. Students will study and exercise critical and creative thinking skills. They will also apply different problem solving and decision taking strategies.
Chemistry **0201100**	This course is structured to encompass the fundamental principles of research methodology and equip students with the knowledge required to critically assess various research methodologies. Upon completion, students will possess the skills to evaluate the suitability of research methodologies for addressing research inquiries or testing hypotheses, select appropriate statistical techniques, analyze data effectively, elucidate and appraise the resultant findings, and apply these outcomes to inform decisions in both research and practical contexts.
Islamic Culture ICU 103	The course aims to provide knowledge of the concepts and beliefs in Islam that form the basis of Islamic culture. The students are expected to identify the differences, compare values and preferences in Islamic culture with the existing ones. The course consists of a general overview of Islamic culture and arts as an approach to life. The objective of this course is to enable the student to demonstrate awareness of the effects of culture upon interpersonal communications and interact appropriately to the culture of the colleague / patient / client.
UAE Society & Cultural Diversity **0409103**	This course focuses on the unique nature of UAE society and its political, geographical, cultural, demographic, and social aspects. It highlights the Emirati perspective of contemporary global changes. This course allows the students to explore the Emirati society in a global context. The students will be able to get an insight into the unique political, geographical, cultural, demographic, and social aspects of UAE society. They will use this knowledge in their interpersonal dealings with the individual members of this community when they meet them in work-related settings or the community. Students will develop awareness of cultural diversity advantages and disadvantages and discuss cultural, social and communication sensitivities and will be able to relate themselves to global context.
Introduction to Artificial Intelligence **0114208**	This introductory course will focus on introducing students to the discipline of artificial intelligence and will lay the groundwork for understanding AI tools, methods, and models, like machine learning and deep learning. The course will start with a brief history and discuss concepts and models required to learn how to apply AI. Specific references will be made to the healthcare environment. Furthermore, students will explore the benefits of AI; identify opportunities where AI can be employed.
Anatomy I **0800101**	This course covers the fundamentals of Anatomy and Embryology, including thorax and abdomen viscera with their blood and nerve supply, oral cavity structure, head & neck components, and skull anatomy. It also incorporates computer interactive sessions with 3D software. Students gain hands-on experience through dissections in the laboratory to enhance their dentistry-related knowledge.
Biochemistry 0201240D	The course is specifically tailored for first-year dental students, providing them with a comprehensive grasp of the structure-function relationships inherent in proteins, carbohydrates, lipids, and nucleic acids. Special emphasis is placed on the clinical significance of specialized proteins such as immunoglobulins, which play a pivotal role in safeguarding the oral cavity. Furthermore, students will delve into the exploration of extracellular matrix proteins essential for the development of teeth and gingiva. The course also delves into the intricate mechanisms governing enzyme actions within the oral environment, particularly in relation to dental plaque and caries.

General Histopathology I 0800103	The General Histopathology I course serves as a foundational course exploring the histopathological foundations of both heal and diseased tissues, encompassing the morphological alterations in tissues resulting from diverse disease mechanisms. The course proceeds to delve deeply into the ultramicroscopic intricacies of cellular structures and their functions, all while comprehending cellular injury, cell demise, and adaptation processes. Additionally, the course emphasizes the ultramicroscopic composition of typical epithelial and connective tissues, seamlessly integrating histology concepts with pathological occurrences like inflammation and the healing of wounds.
Anatomy II: Head & Neck 0800102	This course provides comprehensive coverage of head and neck anatomy, encompassing both the skeletal and soft tissue aspects. The skeletal component delves into the anatomy of the skull and cranium, including the jaws, parietal, frontal, sphenoid, ethmoid, vomer, nasal, zygomatic, temporal, lacrimal bones, and nasal conchae. In addition, the soft tissue component explores the scalp and temple, examining muscles, vessels, and nerves. Additionally, the anterior and posterior triangles, sub occipital triangles, and the muscles, vessels, and fascia within the neck, face, and facial muscles, as well as the nose, ear, eye, pharynx, and larynx. Furthermore, the course incorporates computer software as an integral instructional method facilitating a deeper understanding of these complex anatomical structures.
General Histopathology II 0800104	This course covers the histopathological basis of normal and diseased tissue. It includes normal histopathological characteristics of the nervous tissue, muscle, circulatory and lymphatic system, gastrointestinal system with preference to the histology of the liver, and the respiratory system. Parallelly, the course involves the study of morphological alterations and the pathological basis of musculoskeletal pathologies, nerve injury. Blood and lymphatic pathologies, respiratory pathologies, immune system, hypersensitivity reactions and autoimmune disease. The course also discusses the important systems; such circulatory, integumentary, gastrointestinal, and respiratory system. The latter part of the course focuses on bacterial, viral, fungal, and parasitic infections along with various environmental, nutritional, genetic and congenital disorders.
Human Physiology 0200220	This course helps the students in identifying the functions of different organs of the body. It provides information on cell physiology, extracellular fluid and transport across the cell membrane and homeostasis. Also, it covers blood and the function of its constituents, the hemostasis, blood groups and principles of blood transfusion. It describes physiological properties of the cardiac muscle, hemodynamic of the circulation, principles of the normal ECG, cardiac output, blood pressure, heart rate and some cardiovascular disturbance like fainting & myocardial infarction. In addition, it covers the principle of physiology of respiratory, excretory, endocrine, reproductive systems, GIT as well as CNS and the pathophysiology of its major illness and its influence on oral tissues and saliva.
Microbiology & Immunology 0200241	This course offers comprehensive insights into the essential attributes of microorganisms, as well as the causes, development, mechanisms, diagnosis, preventive measures, and therapeutic strategies for a wide spectrum of infectious diseases. Special attention is devoted to the study of systematic bacteriology, virology, mycology, and parasitology. Additionally, the course delves into the structural and functional aspects of the immune system, including cell interactions, antibody production, antigen-antibody reactions, hypersensitivity responses, transplantation and tumor immunity, cell-mediated immunity, and the biological consequences of immunological reactions. Furthermore, the curriculum spotlights the relevance of these principles in both oral and clinical microbiology contexts.
Pharmacology 0203380D	This course covers basic principles of pharmacology with special emphasis on dental therapeutics. The pharmacokinetics and pharmacodynamics principles related to general dentistry including drug prescription writing and patients compliance to medication are also included. It is designed to establish the core pharmacological knowledge and attitude to drug information. The importance of patient safety during medication administration to ensure sound and safe dental practice throughout a dental practioner's career.
Dental Pharmaco-therapeutics 0800401	This course provides a comprehensive understanding of pharmacotherapeutic principles essential for dental practice. The course builds on the knowledge acquired in the previous course PHA 201. Students will delve into the management of dental pain, local anesthesia, antibiotics, oral rinses, viral infections, and specialized topics like glucocorticoids, muscle relaxants, and sedatives in dentistry. Emphasis will be placed on drug interactions, pharmacotherapy for medically compromised patients, and considerations in geriatric and pediatric dental care.

Dental Anatomy and Occlusion 0801101	This course presents the fundamentals of dental anatomy, encompassing dental terminology, dental notation systems, dental formulas, a comprehensive examination of tooth chronology and morphology, exploration of anatomical deviations, alignment within dental arches, and an introduction to occlusion and forensic dentistry. Moreover, it incorporates 3D interactive sessions using computer technology for enhanced learning. The laboratory component involves hands-on anatomical wax carving of teeth.
Dental Materials 0802101	This course serves as an introductory exploration into the fundamentals of dental materials, encompassing their structure, terminology, composition, manipulation techniques, physical characteristics, biocompatibility, and diverse applications. It covers a wide array of dental materials, including gypsum products, impression materials, resins, waxes, restorative materials, cements, cavity liners, varnishes, amalgam, alloys, ceramics, and implant materials, emphasizing practical utilization.
Oral Histopathology I 0803201	This course covers growth and development of the head, face, palate, tongue, teeth, and jaws. In addition, this course covers developmental disturbances of dento-oral and paraoral structures including hereditary disorders, congenital abnormalities, odontogenic and nonodontogenic cysts and general infections. Emphasis is placed on demonstration of microscopic sections of oral lesions that aid in understanding the histopathology and the management to be planned.
Endodontics I 0804201	This course offers an introduction to Endodontics. It provides the fundamentals of root canal treatment including internal morphology of different teeth, access cavity preparation, working length determination, biomechanical preparation, and obturation. In the laboratory, the student will perform Endodontic treatment on artificial teeth, which helps in understanding the anatomy of the root canal system, and will prepare the student for the clinical courses.
Fixed Prosthodontics I 0805201	It is an introductory pre-clinical course in Fixed Prosthodontics. It includes lectures and practical training, which cover the principles and procedures of fixed prosthodontics. The theoretical part includes classification of Crowns, principles of tooth preparation for different crowns, principles of wax pattern construction and laboratory procedures for its casting. The Practical part includes training on different types of tooth preparation for single extra coronal restoration.
Operative Dentistry I 0806201	This course offers basic information such as introduction to operative dentistry, classification of cavity designs, biomechanical principles of cavity design, and preparation related to tooth morphology, knowledge, and skills to identify and use operative instruments. Differentiate between carious and non-carious lesions, infection control, and chair positions. Along with theoretical knowledge, students prepare simple and compound class I and II cavities along with restorations on simulators, which provide a patient-like environment. This information is so important for the student to manage the different clinical situations regarding teeth restoration. Also, it offers information and skills required for patient management, diagnosis for cases that need restorative dentistry, and selection of the most appropriate materials used in restorative dentistry.
Oral Radiology I 0807201	Oral Radiology is the branch of dentistry concerned with the use of X-ray for the diagnosis of oral diseases. Oral radiology- It is a preclinical course. This course covers topics on introduction to oral and maxillofacial imaging, radiation physics and Dental x-ray unit, radiation biology, radiation safety and protection. The course also includes patient preparation and infection control in dental imaging, dental radiographic techniques, digital imaging, radiographic artifacts, faults and errors, along with the normal radiological anatomy of the maxilla, mandible and principles of dental imaging radiological interpretation and diagnosis of the common lesions. The practical component of the course will involve performance of radiographic procedures in a simulated environment, identification of normal radiological landmarks and interpretation with the diagnosis of the common lesions in the intraoral radiographs.
Removable Prosthodontics I 0808201	It is an introduction to the basic laboratory (pre-clinical) course in removable prosthodontics. The theoretical part covers the anatomical landmarks related to complete denture prosthodontics, introduction to impression theories and techniques, introduction to mandibular movements, articulators, and maxillo-mandibular relations. The laboratory part includes training on all the procedures involved in complete denture fabrication, manipulation of the materials, instruments, and devices.
Oral Histopathology II 0803202	The course provides information about the microscopic and ultramicroscopic structure of dental tissues like enamel and dentin-pulp complex. This is followed by studying the pathogenesis and histopathology of dental caries and its sequelae in relation to the pulp and periapical region. In addition, the course also includes the normal structure of the periodontium and periodontal pathosis. Emphasis is placed on demonstration of microscopic sections of oral lesions in the laboratory that aids in understanding the various craniofacial pathologies.

Endodontics II 0804202	This course emphasizes basic and advanced concepts of Endodontics so that the student can be introduced to pulp and periapical biology and pathology, and endodontic microbiology. The effect of dental caries and dental procedures on the pulp will be covered in this course. Diagnostic procedures, emergency care, and pain control will also be covered. Proper tooth isolation needed for proper root canal treatment will be detailed. In laboratory sessions, students will get training on procedures of obturating root canal systems on artificial training blocks in addition to proper tooth isolation and working length determination using electronic apex locators.
Fixed Prosthodontics II 0805202	This is the second pre-clinical course in fixed prosthodontics. It will provide the students with theoretical and laboratory background in preparation, components, fabrication, designing of fixed partial denture cases as well as the laboratory steps in fabrication of fixed partial dentures, metal-ceramic restorations, and all-ceramic restorations. This course will prepare the dental students for the clinical practice of fixed partial denture prosthesis.
Operative Dentistry II 0806202	In this course, students are trained to select proper preclinical skills in restoration. It provides the students with continued information regarding the diagnosis and treatment of patients with an emphasis on the management of defective restorations. Along with theoretical knowledge, students prepare cavities along with restorations on simulators, which provide a patient-like environment, under the supervision of faculty members. The student participates in the selection of the most appropriate restorative material and the execution of basic operative dental treatment. This experience improves their skill and confidence for subsequent clinical courses.
Periodontics I 0809201	Periodontics I (PER 301) is a preclinical course in a series of five courses in periodontics. This course is designed to focus on functions and structures of periodontium, etiopathogenesis, classification of periodontal diseases and discuss different types of periodontal disorders. The laboratory part of this course will provide students with the necessary training to acquire the skill in performing manual and ultrasonic scaling on simulated models using the recommended periodontal instruments. The course logbook will include filling and interpretation of the periodontal chart based on clinical scenarios, and evidence for simulated role-play exercises (early clinical exposure) to enhance their communication skills by creating videos and utilizing different social media platforms.
Removable Prosthodontics II 0808202	It is an introductory basic laboratory (pre-clinical) course in removable Prosthodontics. It includes lectures and laboratory training that cover the principles and lab procedures of partial denture prosthesis fabrication. The theoretical part includes lectures for the following topics: components of RPD, surveying, forces acting on RPD, and lab procedures. The lab part concerns the training on surveying cast and outlining, designing of RPD, wax pattern fabrication, investing, casting, finishing, and polishing of RPD framework.
Orthodontics I 0810301	This course is the introduction to orthodontics to provide students with basic knowledge to identify the existing and developing problems associated with dental and skeletal malocclusions. The course also deals with the etiologies of malocclusion describing the various classification systems of malocclusion. The practical sessions include appropriate wire selection, basic wire bending exercises, soldering and welding techniques and fabrication of various components of removable appliances.
Medically Compromised Patient and Medical Emergency 0811301	This course covers medical, dental, oral manifestations, psychological problems of medically compromised patients and the role of the dentist to manage the patient's safety. The course also covers diagnosis and management of medical emergencies. According to the nature of medically compromised patients, each one may need special collection of data, diagnosis, treatment planning and management during an emergency. The management of health care of these patients must be tailored according to the nature of the medical problem. This course is designed to provide the students information and experience to deal with medically compromised patients and the principles of medical emergencies, about potential problems related to dental care, prevention of problems and treatment planning modifications, administration of emergency drugs. The practical component of this course deals with management of medical emergencies in a simulated environment.
Preclinical-Implantology 0812401	This course is a preclinical course that provides the students with the knowledge and skills needed to replace missing teeth with dental implants in a simulated environment. It covers the indications and contraindications of dental implants, presurgical investigations, diagnosis and treatment planning, various prosthetic techniques to restore missing teeth by fixed, removable or hybrid prosthesis.

Pediatric Dentistry I 0813401	The course represents the foundation for pediatric dentistry courses. It introduces numerous aspects of pediatric dental practice and treatment. These encompass child psychology, behavioral management, growth and development, cavity preparation and restoration of primary teeth, and the young permanent dentition, nutrition and caries control, radiography, pulp therapy, stainless crowns, preventive orthodontics, risk assessment in pediatric dentistry including caries risk assessment, caries preventive strategies, radiation, periodontal risk assessment for children, risk assessment for traumatic injuries, anesthetic risk assessment, fluoride (safety and toxicity), dietary analysis and advice. Students manage children in the clinic with the accent on caries preventive measures, cavity preparation, and restoration, pulpotomy, tooth preparation, and construction of stainless-steel crowns.
Preventive Dentistry 0814401	This course emphasizes the importance of ongoing hygiene procedures and daily practices to prevent tooth decay and other dental diseases and conditions. This course covers the primary preventive measures like dental prophylaxis, role of fluorides, nutrition, pit and fissure sealants and atraumatic restorative treatment in preventive dentistry. It also includes school dental health program for motivating patients to practice effective oral health care.
Periodontics II 0809301	Periodontics II (PER 301) is a clinical course designed to cover topics on different types of periodontal diseases, periodontal medicine, influence of systemic diseases and conditions of the periodontium and other related risk factors besides and its management. The clinical sessions will provide the students with the necessary training for educating and motivating patients to improve and maintaining their periodontal health and perform scaling and root planning on patients with periodontal diseases. They will be trained to practice in an ethical and professionally responsible manner and exhibit a high level of communication skills. Students will record and interpret the periodontal chart of their patients considering the medico-legal aspects of medical record keeping.
Endodontics III 0804301	This course introduces the student to the clinical application skills learned in the relevant preclinical courses. It covers the clinical experience in the examination, evaluation, diagnosis, treatment planning, and management of endodontic patients under the supervision of faculty members. The course will provide knowledge of drugs to be given to endodontic patients and management of patients with systemic health considerations. The course will prepare the undergraduates to deal with cases that require vital pulp. The course should also focus on the restoration of endodontically treated teeth. The students will be introduced to the management of dental traumatic injuries and the management of teeth resorption and determine the outcome of endodontic treatment.
Fixed Prosthodontics III 0805301	This is the first clinical course in the series of fixed partial denture courses. This course introduces the student to the clinical application of skills learned in the preclinical relevant courses. In this course, the student performs all clinical steps of graded complexity for the construction of full crowns & fixed partial dentures for patients under faculty supervision. This course exposes the student to interact with the professional dental laboratory technician. It ensures the strict implementation of the infection control policy by students with their patients, staff, and lab technician.
Oral Histopathology III 0803301	This course covers the microscopic study of the oral mucosa and para oral structures; lips, tongue, floor of the mouth, palate, salivary glands of the oral cavity, shedding and eruption of teeth and temporomandibular joint. This is followed by studying the histopathology of potentially malignant disorders, benign and malignant odontogenic and non-odontogenic tumors, vesiculobullous lesions, diseases and tumors of salivary glands, bone & temporomandibular joint disorders. Emphasis is placed on the demonstration of microscopic sections in the laboratory that aids in understanding the histopathology and the concurrent management.
Operative Dentistry III 0806301	This course gives students knowledge and clinical experience in restorative Dentistry. Besides, the course provides the learner with the necessary clinical experience for helping them in carrying out proper diagnosis and treatment planning. Also, it covers topics fulfilling the esthetic demands of the patients and advanced restorative dentistry.
Oral Radiology II 0807301	This is a clinical course in Oral Radiology. The course incorporates basic principles with radiographic features of normal anatomy of panoramic radiography, and basics, radiographic features of normal anatomy with clinical applications of 3D CBCT, including dental implant imaging. The course covers topics concerned with radiological interpretation and diagnosis of dental anomalies, dental caries, periodontal disease, inflammatory lesions, cysts, tumors, malignant lesions, jawbone diseases, systemic diseases and craniofacial anomalies. The course also includes Diagnostic imaging, interpretation and diagnosis of temporomandibular joint disorders, traumatic injuries to teeth and facial structures, salivary gland disorder and paranasal sinus diseases. In the clinical component of the course, the students perform intraoral / extraoral radiographic procedures on patients.

Oral Surgery I 0815301	The course is the first of a series of five courses of oral surgery. It is a clinical course, which introduces the learners to the basics of oral surgery practice including injection of LA, its techniques, different methods of teeth extraction as well as how to manage intraoperative and postoperative complications. Moreover, the course will train students in identifying and selecting surgical of surgical armamentarium to prepare a dento-alveolar tray for surgical procedures. Students will be able to Perform the Intra-Alveolar / Trans- Alveolar extraction procedures under local anesthesia.
Removable Prosthodontics III 0808301	This is the first clinical course in the series of removable prosthodontics. This course introduces students to the clinical application of skills learned in the preclinical relevant courses. Students are required to directly deal with patients under the supervision of staff. This course includes diagnosis, treatment planning, preparation of the mouth for complete dentures, impression techniques and techniques for recording maxillomandibular relations, selection of teeth, try-in procedures, delivery of denture and follow up. This course exposes the student to interact with the professional dental laboratory technician. It ensures the strict implementation of the infection control policy by students with their patients, staff, and lab technician.
Endodontics IV 0804302	This course covers more advanced topics in endodontics delivered in a simplified way to suit undergraduate students. The scientific knowledge in this course will allow the student to learn about the latest technology of root canal preparation using rotary nickel titanium instruments. Diagnosis and treatment of longitudinal tooth fractures will be included in this course. Endodontic surgery, geriatric endodontics as well as discussing the management of immature roots using pulp regeneration and the endodontic-periodontic relationship. Evaluation of previously root canal treated teeth whether they are successful or failed and how to manage these cases. Advanced topics in endodontics will be assigned for the students to expand their knowledge and train them for writing scientific reports. Moreover, clinical practice on performance of root canal treatment on all teeth will be achieved.
Fixed Prosthodontics IV 0805302	This is the second clinical course in the series of fixed partial denture courses. This course includes clinical training in advanced prosthodontic cases. It covers all clinical principles of single crowns & fixed partial denture prosthesis fabrication including patient's examination, diagnosis, and treatment planning for rehabilitation of oral functions. The student is expected to manage their clinical treatment procedure with progressively less supervision and assistance from the faculty. The student must follow up with the patients and assess the effectiveness of treatment.
Oral Diagnosis 0816301	This clinical course enables the student to take patient history, conduct complete regional, extra, and intraoral examination; obtain appropriate diagnostic tests including radiographs and imaging, various investigations, obtain medical advice and reach conclusions regarding patients' health status. Also, it offers knowledge on treatment planning, principles associated with diagnostic methods, and data analysis followed by treatment planning of various orofacial diseases. This clinical course also enables the student to earn communication skills and aids are used for presentations and data collection.
Operative Dentistry IV 0806302	The present course appraises students with skills to diagnose, plan treatment, and perform several esthetic procedures with appropriate materials in the context of comprehensive care. New concepts in esthetic dentistry are applied in this course like porcelain veneers. It encompasses a broad approach to the total esthetic needs of the patient.
Orthodontics II 0810302	This is a clinical course in orthodontics, in which the students apply their knowledge and skills obtained from preclinical courses on patients. They are focused on infection control protocols in orthodontic practice. In the present course the students are trained in comprehensive management of simple orthodontic cases encountered in general dental practice using diagnostic aids like clinical examination, cephalometric and cast model analyses. The infection control protocol is emphasized during clinical sessions. This course also outlines preventive, interceptive and adult orthodontic procedures.
Oral Surgery II 0815302	This is the second in the series of oral surgery courses. The course is intended to provide the students with the knowledge and cognitive skills that would enable them to formulate a treatment plan and manage patients with problems related to impacted wisdom teeth, maxillary sinus and oro-facial fascial space infections. The course will also allow the students to acquire the psychomotor (clinical) skills relevant to injection of local anesthesia and teeth extraction on real patients.
Removable Prosthodontics IV 0808302	This course deals with partially edentulous patients and is a continuation of the clinical experience gained in the previous relevant course. The theory part covers all the topics related to casting RPD starting from the diagnosis to the insertion. The clinical part covers diagnosis, treatment planning, designing, and all clinical procedures for partially edentulous patients.

Internal clinical training I 0817301	This course is the first course in a series of three courses; it is designed to enhance the student's clinical skills in different dental disciplines including Operative Dentistry, Endodontic, Fixed Prosthodontics, Removable Prosthodontics, and Oral surgery. The course is purely clinical. The theory is given in the context of feedback on the workplace while the students are practicing on real patients. The students will learn how to take history and perform clinical examinations to reach appropriate diagnosis. Furthermore, the students will be guided on how to formulate a comprehensive treatment plan while considering the patient's needs. The students will practice consenting to the patient and will learn how to write patients' notes.
Comprehensive Care Dentistry I 0818401	This course is the first course in a series of four courses; it is designed to increase the students' skills in all disciplines of dentistry providing intensive clinical emphasis and patient care experiences which will further develop the student's expertise in the field of comprehensive care dentistry. Students will perform all required dental management phases for each case. Phases include, extraction of uncomplicated erupted teeth and remaining roots, non-surgical Periodontal therapy, crown and bridge, root canal therapy, partial and full dentures, Onlays and inlays and treating carious tooth tissues with appropriate tooth-colored materials. It is designed to introduce the students to the concept of patient-centered care. Students will perform a comprehensive treatment that considers patient complaints and at the same time emphasizes the importance of performing different treatment phases. Students are required to record patient history, perform a complete intraoral and extraoral examination in addition to taking photographs. Further, they will record and present their cases to the CCD committee at the end of the year.
Comprehensive Care Dentistry II 0818402	This course is the continuation of the first course taught in 4th year (CCD I). And it is the second course in a series of four courses; it is designed to increase the student's skills in all disciplines of dentistry providing intensive clinical emphasis and patient care experiences which will further develop the student's expertise in the field of comprehensive care dentistry. Students will perform all phases of dentistry on a more complicated cases level compared to cases managed in the CCD I course. Phases include extraction of uncomplicated erupted teeth and remaining roots, nonsurgical Periodontal therapy, crown and bridge, root canal therapy, partial and full dentures, Onlays and inlays and treating carious tooth tissues with appropriate tooth-colored materials. It is designed to introduce the students to the concept of patient-centered care. Students will perform a comprehensive treatment that considers patient complaints and at the same time emphasizes the importance of performing different treatment phases. Students are required to record patient history, perform a complete intraoral and extraoral examination in addition to taking photographs. Further, they will record and present their cases to the CCD committee at the end of the year.
Internal clinical training II 0817403	This course is the second course in a series of three courses; it is designed to enhance the student's clinical skills in different dental disciplines including Operative Dentistry, Endodontic, Fixed Prosthodontics, Removable Prosthodontics, and Oral surgery. The course is purely clinical. The theory is given in the context of feedback on the workplace while the students are practicing on real patients. The students will learn how to take history and perform clinical examinations to reach appropriate diagnosis. Furthermore, the students will be guided on how to formulate a comprehensive treatment plan while considering the patient's needs. The students will practice consenting to the patient and will learn how to write patients' notes.
Comprehensive Care Dentistry III 0818501	This course is the continuation of the second course taught in the last semester (CCD II). It is the third course in a series of the four courses; it is designed to increase the student's skills in all disciplines of dentistry providing intensive clinical emphasis and patient care experiences which will further develop the student's expertise in the field of comprehensive care dentistry. Students will perform all phases of dentistry to a higher degree of complexity compared to cases managed in CCD I and CCD II. Phases include extraction of uncomplicated erupted teeth and remaining roots, nonsurgical Periodontal therapy, crown and bridge, root canal therapy, partial and full dentures, Onlays and inlays and treating carious tooth tissues with appropriate tooth-colored materials. It is designed to introduce the students to the concept of patient-centered care. Students will perform a comprehensive treatment that considers patient complaints and at the same time emphasizes the importance of performing different treatment phases. Students are required to record patient history, perform a complete intraoral and extraoral examination in addition to taking photographs. Further, they will record and present their cases to the CCD committee at the end of the year.
Clinical Dental Implantology –I 0812501	This is the first clinical implantology course, which builds upon the foundational knowledge and skills acquired during preclinical implantology IMP 402. In this patient-based clinical course, students will translate their theoretical understanding and simulation-based experience into real-life patient scenarios. Through this course, students will explore various aspects of dental implantology, from patient consultation to surgical procedures and prosthetic restoration.

Laser in Dentistry I 0819501	This course is designed to equip final-year dental students with the knowledge and skills needed to effectively integrate laser technology into their clinical practice. Dental lasers have revolutionized various aspects of dentistry, offering precise and minimally invasive solutions for a wide range of procedures. Throughout this course, students will explore the fundamental principles of laser physics, safety protocols, and hands-on techniques for soft and hard tissue applications.
Pediatric Dentistry II 0813501	This course emphasizes the importance of the introduction to the foundational concepts of pediatric dental care, providing essential knowledge and skills needed to understand and address the oral health needs of children in the pre-clinical level regarding the scope of pediatric dentistry as well as responsibility of pedodontics, also the anatomy & Morphology of the primary teeth as well as medication as well as dental materials used in pediatric dentistry. Also, cultural and legal prospective in pediatric dentistry and finally, the principles of cavity preparation in primary teeth and the morphological difference with the permanent as well as the principles of pulp therapy in primary teeth.
Interprofessional Practice-I 0820501	This course, “Interprofessional Practice in Dentistry,” is the first course of a two-part series designed to equip dental students with the knowledge, skills, and attitudes necessary for effective collaboration and interprofessional teamwork within the healthcare industry. The course involves hands-on in workplace, guest speakers for various health professions and interactive case-based discussion
Interprofessional Practice-II 0820502	This course is the second installment of a two-part series designed to equip dental students with the knowledge, skills, and attitudes necessary for effective collaboration and interprofessional teamwork within the healthcare industry. Building upon the foundational concepts introduced in the first course, students will delve deeper into the applied aspects of interprofessional practice within the context of dental care. The course involves hands-on in the workplace (clinics/simulations), guest speakers for various health professions and interactive case-based discussion.
Comprehensive Care Dentistry IV 0818502	This course is the continuation of the third course taught in the last semester (CCD III) and it is the last course in a series of four courses, it is designed to increase the student’s skills in all disciplines of dentistry providing intensive clinical emphasis and patient care experiences which will further develop the student’s expertise in the field of comprehensive care dentistry. Students will perform all phases of dentistry to a higher degree of complexity compared to cases managed in CCD I, CCD II and CCD III. Phases include, extraction of uncomplicated erupted teeth and remaining roots, nonsurgical Periodontal therapy, crown and bridge, root canal therapy, partial and full dentures, Onlays and inlays and treating carious tooth tissues with appropriate tooth-colored materials in addition to place one simple implant. It is designed to introduce the students to the concept of patient centered care through interactive theoretical sessions related to interdisciplinary planning. Moreover, students will perform a comprehensive treatment that considers patient complaints and at the same time emphasizes the importance of performing different treatment phases. Students are required to record patient history, perform a complete intraoral and extraoral examination in addition to taking photographs. Further, they will record and present their cases to the CCD committee at the end of the year.
Clinical Dental Implantology –II 0812502	This is the last implantology course, which builds upon the knowledge and skills acquired during the previous implantology course. In this patient-based clinical course, students will refine and deepen their experience in dental implants. Through this course, students will explore various aspects of dental implantology, from patient consultation to surgical procedures with a more focus on prosthetic restoration.
Laser In Dentistry II 0819502	This clinical course in dental lasers builds upon the foundational knowledge acquired in the previous laser course LAD 501. This course is focused exclusively on practical, hands-on experience using lasers in a variety of advanced dental procedures. Students will work closely with experienced faculty in a clinical setting to refine their skills and gain confidence in performing laser-assisted treatments for various dental procedures such as soft tissue procedure, endodontic, crown lengthening, teeth whitening, and the surgical removal of oral lesions and ulcers.
Pediatric Dentistry III 0813502	The course represents an extension to the previous Pediatric Dentistry courses. Students manage children in the clinic with the emphasis on caries-preventive measures, cavity preparation, and restoration, pulpotomy, tooth preparation, construction of stainless-steel crowns, and management of dental trauma under supervision. The course ensures continuous clinical training and further experience in the field of pediatric dentistry.

General Surgery 0821201	This course includes an introduction to general surgery covering information about introduction, road traffic accidents and other injuries, basic and advanced life support, fluid and electrolyte balance, hemorrhage and shock, wound infections and wound healing. Knowledge in these subject areas is kernel to the provision of satisfactory dental practice and advice to patients undergoing dental treatment. The course is intended to provide students with sufficient knowledge to recognize problems in the surgical history of patients about to go under dental treatment and to take the appropriate action to provide quality care. An important aspect is to ensure that graduate practitioners understand when referral of complex treatment is indicated.
General Medicine 0831201	This course covers definite infectious diseases, metabolic, endocrinal, renal, hematological, rheumatological, cardiovascular, respiratory, gastrointestinal, hepatic, neurological and oncological diseases. This is a fundamental course for a dentist as it covers the most important human diseases, especially those of intimate relation to dentistry. Knowledge on etiology, pathophysiology, diagnosis, and treatment of these diseases is required for a dentist to help students enhance their clinical decision-making abilities, establish effective doctor-patient relationships, and uphold ethical medical practices. Also, students must be familiar with the implications of systemic diseases on oral cavity. This information helps students with proper management of dental diseases.
Research literacy I 0822401	The course is the first course of two courses that enable the students to learn principles of research. The course will be delivered through didactic interactive sessions and practical sessions. The students will have the opportunity to work as a team group, apply the research knowledge and skills in developing a research protocol to get IRB approval and be able to implement it in the REP course in year 5. This includes the development of the required tools and methods to answer a specific research question, choosing study subjects, application of the ethically acceptable process for data collection, planning for data collection, management, and analysis, using the Excel stat software to analyze.
Research literacy II 0822402	The course is a continuation course of two courses that enable the students to learn principles of research. The course will be delivered through didactic interactive sessions and hand-on sessions. The students will have the opportunity to complete their work that has been conducted during REP 401 and finalize the IRB approval to be able to implement it in the REP course in year 5.
Research project I 0822501	The course enables the students to integrate the knowledge and skills, and will have the opportunity to work as a team group, apply the knowledge and skills developed during the previous courses of study in comprehensive research. This includes the development of the required tools and methods to answer a specific research question, choosing study subjects, application of the ethically acceptable process for data collection, planning for data collection, management, and analysis, using of the Excel software to analyze the data in addition to the writing and critical appraisal of a research paper. The course also focuses on basic ethical and legal principles of research including academic misconduct, the confidentiality of information, and informed consent. Concepts of bias, confounders, validity precision, accuracy, and their applications in research are also discussed in this course while implementing the research work.
Research project II 0822502	The course is the second course of research following research project I (REP 501). The students will have the opportunity to complete their research project. This includes the process for data collection, planning for data collection, management, and analysis, writing a comprehensive discussion and presenting their research. The course also focuses on basic ethical and legal principles of research including academic misconduct, the confidentiality of the information, and informed consent. Concepts of bias, confounders, validity precision, accuracy, and their applications in research are also discussed in this course while implementing the research work.
Digital Dentistry I 0823301	This introductory course marks the commencement of a comprehensive series dedicated to elucidating the pivotal role of digital dentistry and 3D printing within the field of dentistry. Throughout this course, dental students will engage in immersive hands-on experiences within a digital laboratory setting, enabling the practical application of theoretical digital skills acquired in tandem with other courses such as oral surgery, oral radiology, oral diagnosis, periodontics, endodontics, restorative dentistry, orthodontics, and prosthodontics. The curriculum underscores the indispensable nature of computers and diverse software applications as fundamental tools in the realm of dental care.
Digital Dentistry II 0823401	This is the second course of digital dentistry which builds upon the foundational knowledge and practical skills acquired during the course DID 302. This course is designed to provide dental students with a deeper understanding of cutting-edge technologies and innovative techniques related to digital dentistry. In this course, through an immersive hands-on experience, students will gain the expertise needed to harness these technologies effectively in their future dental career.

Digital Dentistry III 0823402	This is the third course of digital dentistry which builds upon the foundational knowledge and practical skills acquired during the course DID 401. This course is designed to provide dental students with a deeper understanding of cutting-edge technologies and innovative techniques related to digital dentistry. In this course, through an immersive hands-on experience, students will gain the expertise needed to harness these technologies effectively in their future dental career.
Digital Dentistry IV 0823501	This is the fourth course of digital dentistry which builds upon the practical skills acquired during the course DID 402. This course has been meticulously crafted to offer dental students more profound practical sessions of digital dentistry, throughout this course, students will immerse themselves in hands-on experiences, equipping them with the proficiency required to adeptly utilize these technologies in their prospective dental careers.
Digital Dentistry V 0823502	This is the final course of digital dentistry which builds upon the practical skills acquired during the course DID 501. This comprehensive course has been carefully designed to provide dental students with extensive hands-on training in the field of digital dentistry. Throughout the course, students will actively engage in practical experiences, allowing them to acquire the necessary skills to confidently apply these advanced technologies in their future dental practice.
Local Anesthesia 0824201	This course covers the fundamentals of local anesthesia, nerve conduction, pain physiology, pharmacology, safe and efficient administration of anesthetic agents. In addition, the armamentarium used to administer local anesthesia. Moreover, the students will understand how to manage the different local and systemic complications of local anesthesia. This course will enable the students to apply the knowledge and skills of local anesthesia in dental practice.
Dental Practice Management 0825301	This course is a continuation of the previously taught course in ethical and medico-legal aspects in dental practice. It is primarily concerned with reviewing the previously taught principles and standards of professional conduct and ethical behavior that are applied to all dental practitioners. This course also covers non-dental legislation affecting dentists, including inquests. Also, the course appraises infection control and patient safety. The focus is given on effective communication and teamwork, as well as management skills, financial management, record keeping, general professional training, audit, and peer review.
Ethical & Medico-legal Aspects of Dentistry-I 0826301	This course is intended to provide an overview of the ethical and legal obligations of dental practitioners. It is primarily concerned with the principles and standards of professional conduct and ethical behavior that apply to all dental practitioners.
Oral Medicine I 0827401	This Course is essential for offering student's knowledge of oral medicine practice. It provides knowledge on taxonomy, etiology, pathogenesis, clinical presentation, diagnosis, and treatment of oro-facial lesion: ulcerative, vascular-bolus lesions, red and white lesions, pigmented lesions, benign tumors, oral cancer, temporomandibular disorders, and salivary gland diseases, to allow students to carry out diagnosis and treatment of these diseases. Clinical training allows the student to carry outpatient management applying the knowledge, skills, and attitude for correct diagnosis and successful treatment.
Oral Surgery III 0815401	This is the third course in the series of Oral Surgery. The course ensures that the students gain sufficient experience, skills, and self-confidence to carry out minor surgical cases. The course deals with preparation of the mouth for dentures (pre-prosthetic surgery), surgical treatment for medically compromised patients, and interpretation of radiographs, management of emergency cases (maxillofacial trauma) and the use of intravenous and Inhalation anesthesia. The students are also trained in minor oral surgical procedures.
Periodontics III 0809401	This course is designed to provide students with the core scientific knowledge that enables them to understand and comprehend the bidirectional relationship between periodontal and systemic diseases. Diagnose furcation involvement, formulate the non-surgical periodontal treatment plan considering the patient's functional and esthetic needs.
Community Dentistry I 0828402	This course will discuss the community dentistry programs, preventive modalities, and the dentist's obligation to patients, professions, and the community. It also explains the dimensions of health, disease, illness, and different views on healthcare. This course will further introduce the various epidemiological studies and indices used to measure caries, fluorosis, periodontal diseases, and dental trauma along with the cause of the disease and its prevention.
Geriatrics Dentistry 0829401	This course covers challenges of the aging process, including demography, epidemiology, psychological aspects, pathological changes, gingival recession, root caries, oral aging problems, special pharmacological considerations, and functional declines, e.g. Alzheimer's disease, with special emphasis on comprehensive elderly patient oral care, dental considerations for geriatric patients and their impact on treatment plans.

Oral Medicine II 0827402	This Course is a continuation for oral medicine course OME 401. It provides knowledge on taxonomy, etiology, pathogenesis, clinical presentation, diagnosis and treatment of oro-facial lesion: oro-facial pain, cervical swelling, tongue disorders, granulomatous diseases, systemic diseases and their impact on oral health, to allow students to carry out diagnosis and treatment of these diseases. In addition to reviewing various methods for treatment of oro-facial diseases, drug interaction in immune compromised patients. The clinical training allows the student to carry outpatient management safely, applying the knowledge, skills and attitude for correct diagnosis and successful treatment.
Oral Surgery IV 0815402	This course aims to equip students with a profound understanding of advanced concepts, techniques, and current developments in oral surgery such as conscious sedation and orthognathic surgery. Artificial intelligence and telemedicine in oral surgery. Students will explore a wide range of topics, from complex surgical procedures to cutting-edge technologies, ethical considerations, and multidisciplinary approaches.
Periodontics IV 0809402	This course covers advanced topics including management of periodontitis, tooth mobility, splinting, periodontal respective and plastic surgery, mucogingival problems and interdisciplinary cases. The students will learn the importance of maintenance protocols for periodontal patients.
Community Dentistry II 0828501	This course discusses the various activities carried out in the field of community dentistry which includes health promotion, dental health education, communication along with environment and health. This course also emphasizes ethical and legal responsibilities, the dentist's obligation to patients, professions, and the community. It also explains the possible occupational hazards in dental practice and survey procedures used in dentistry as well as the principles of teamwork & group practice, also the role of health agency around the world and the MOH & DHA regulation in dental practice.
Periodontics V 0809501	This course is designed to discuss various recent advances of periodontal diagnostic aids and various treatment modalities, including concepts related to implantology, peri-implant diseases, maintenance protocol of dental implants and prescribing antibiotics.
Forensic Odontology 0830501	Forensic dentistry (odontology) is the field within the greater disciplines of dentistry and forensic science that evaluates, manages, and presents dental evidence in legal proceedings in the interest of justice. The course covers a wide variety of topics including individual identification, mass identification, bite and lip mark analysis. In addition, forensic odontology courses may also help general dentists to assist in determining age, race, occupation, previous dental history and socioeconomic status of unidentified human beings. The course trains dentists to use dental records including radiographs, ante-mortem (prior to death) and post-mortem (after death) photographs and DNA in the field of Forensic Medicine.

Academic Staff

No.	Name	University/Country	Rank
1	Prof. Firas Al Quran	Queen's University Belfast - UK	Professor
2	Dr. Sabrin Ali Azim	Azerbaijan Medical University - Azerbaijan	Assistant Prof.

Laboratories

#	Lab. Name
1	Dental Simulation Lab
2	Digital Dentistry Lab
3	Production Dental Lab
4	Dental Lab

COLLEGE OF NURSING

About the college

The College of Nursing at AAU is dedicated to preparing future generations of nurses who are academically competent, clinically skilled, and ethically grounded. The College upholds AAU's mission to advance healthcare education, research, and community service in alignment with national and global health priorities.

Established in response to the growing demand for qualified nursing professionals in the UAE, the College emphasizes excellence in teaching, innovation in clinical training, and leadership in evidence-based practice. It fosters a student-centered learning environment supported by advanced simulation laboratories, experienced faculty, and strong partnerships with leading healthcare institutions.

The College's educational philosophy integrates theoretical knowledge with practical application, ensuring that students develop the professional competencies and critical-thinking skills necessary to meet the complex healthcare needs of diverse populations. In addition to rigorous academic instruction, students benefit from experiential learning opportunities through clinical placements, community health initiatives, and interprofessional collaborations across other health disciplines.

In line with the Abu Dhabi Economic Vision 2030 and the UAE Health Sector Transformation Plan, the College of Nursing is committed to contributing to the nation's goals of achieving a sustainable, high-quality healthcare system led by skilled Emirati and international professionals. Graduates are prepared not only to deliver compassionate and safe patient care but also to engage in lifelong learning, leadership, and research that advance the nursing profession.

The Bachelor of Science in Nursing (BSN) program, offered through the College of Nursing, is a four-year academic program delivered over eight semesters. It provides students with a strong foundation in biomedical sciences, nursing theory, and clinical practice.

Through a progressive series of laboratory simulations and clinical placements, students gain comprehensive training across the major nursing specialties, including adult, pediatric, geriatric, critical care, community, and mental health nursing. In the final year, students complete an internship program in recognized hospitals and healthcare institutions across the UAE, where they acquire supervised, hands-on experience in real-world healthcare settings.

Upon successful completion, graduates will be equipped to deliver safe, effective, and evidence-based nursing care and to contribute meaningfully to improving individual and public health, both within the UAE and globally.

The BSN program at AAU is distinguished by its interdisciplinary approach, drawing upon the university's established expertise in Pharmacy, Dentistry, and Nutrition & Dietetics to enrich students' understanding of holistic healthcare and collaborative practice.

Vision

Our vision is to become a leader in nursing education, cultivating graduates who are recognized for their excellence in clinical practice, leadership, and ethical decision-making. We aim to produce nursing professionals who will influence the future of healthcare through innovation, research, and a commitment to lifelong learning. By fostering a culture of inclusivity and collaboration, we strive to advance the health of individuals, families, and communities in the UAE and beyond.

Mission

The mission of the program is to deliver high-quality nursing education that fosters the development of holistic, competent, and culturally sensitive nursing professionals. Through a blend of theoretical knowledge and clinical practice, we aim to prepare graduates who can integrate evidence-based practice, utilize healthcare technology, and exercise leadership in providing safe and effective care. The program seeks to empower nurses to advocate public and community health, promote patient-centered care, and lead positive change in local and global healthcare systems.

College Council

No.	Name	Title
1	Dr. Loai Abu Sharour	Chair
2	Dr. Azza Ramadan	Member
3	Dr. Saaed Touqeer	Member
4	Dr. Rose Ghemrawi	Member

Objectives

1) Prepare graduates to be competent, highly skilled nurses capable of providing evidence-based care to promote health and well-being locally and globally. Hence our objectives are:
    - 80% of graduates will pass the licensure exam and become registered nurses within 12 months post-graduation.
    - 80% of graduates will secure employment in healthcare roles within 12 months of graduation.
    - Over five years, employer feedback will indicate that at least 80% of graduates achieve ratings of “satisfactory” or higher for clinical knowledge, skills, and competencies.
    - 80% or more of graduates will report feeling well-prepared for their careers or additional training within one-year post-graduation.
    - 85% of recent graduates will affirm that the program developed their professional skills, based on responses to post-graduation surveys
2) Develop nursing graduates who demonstrate leadership skills and commitment to community service within the UAE. Hence our objectives are:
    - 80% of graduates will report active participation in community service initiatives within five years of graduation.
    - Employer surveys will rate graduates’ leadership and teamwork skills at a minimum of 4 on a 1-5 scale.

Learning outcomes

	Learning outcomes	Aligned with L7 QFE Descriptors
1.	Acquire basic and fundamental knowledge from nursing, biomedical sciences, and the humanities to address the unique needs of individuals across life span, families, and communities in diverse settings.	K
2.	Implement ethical practices and adhere to legal standards within the scope of nursing, ensuring that patient rights are safeguarded while navigating complex healthcare environments in both local and global contexts.	R
3.	Communicate in a clear and professional manner across multidisciplinary teams and with patients and their families, promoting collaboration to improve patient care outcomes and foster a safe, patient-centered healthcare environment. Overall, enabling the delivery of holistic and culturally sensitive care.	S, R
4.	Integrate research findings and clinical evidence into nursing practice to support critical decision-making, improve care quality, and contribute to a culture of continuous learning and innovation.	K, S
5.	Advocate for public and community health by assessing population needs and initiating preventative strategies aimed at promoting overall health and reducing disease within the community.	K, S, R
6.	Lead healthcare teams by applying management strategies, motivating peers, and fostering a collaborative environment that encourages innovation, accountability, and the efficient use of resources.	R
7.	Utilize technology and informatics to enhance patient care, streamline clinical workflows, and support data-driven decision-making while ensuring the ethical handling of healthcare information.	K, S, R

K: Knowledge, S: Skill, R: Responsibility

Study Plan 2025/2026 (120) CR.H./ Bachelor of Science in Nursing program

Course	Course Title	Hrs.	Prerequisite	Course	Course Title	Hrs.	Prerequisite
General Education Requirements = (6) Cr. H				0905202	Adult Health Nursing 1	4	0905201
0401120	English I	3		0905203	Obstetrics, Maternal and Gynecological Nursing	4	0905201
0409103	UAE Studies	3		0905301	Adult Health Nursing 2	4	0905202
Total Hours		6		0905302	Pediatric Health Nursing	4	0905201
Nursing Theory and Professional Development = (9) Cr.H				0905303	Gerontological Nursing	4	0905301
0901100	Nursing theory and models	3		0905304	Public Health, Family & Community Health Nursing	3	0905201
0901300	Communication and Patient Education	3		0905401	Psychiatric & Mental Health Nursing	3	
0901400	Ethics & Leadership For Nursing	3		0905402	Critical Care and Emergency Nursing	4	0905301
Total Hours		9		**Total hours**		**34 = (27) CR. H theoretical + (7) CR. H. Simulation-based training**	
Evidence Based Practice and Research = (9) Cr.H				**Nursing Clinical experience = (21) Cr. H**			
0200100	Biology	3		0906201	Adult Health Nursing 1 Practicum	3	0905202
0201100	Chemistry	3		0906202	Obstetrics, Maternal and Gynecological Nursing Practicum	3	905203
0701325N	Biostatistics & Research Methods	3		0906301	Adult Health Nursing 2 Practicum	3	0905301
Total Hours		9		0906302	Pediatric Health Nursing Practicum	3	0905302
Nursing Elective Courses = (3 Cr.H only)				0906303	Public Health, Family & Community Health Nursing Practicum	3	0905304
0903101	Palliative and End-of-life care	3	0905301	0906401	Psychiatric & Mental Health Nursing Practicum	3	0905401
0903102	Health Promotion and Education	3	0905301	0906402	Critical Care Nursing Practicum	3	0905402
903103	Digital Health and Informatics	3	0905301	**Total hours**		**21 (equivalent to 840 contact hours)**	
Total Hours		3		**Internship Courses = (19) Cr. H**			
Foundational Health Sciences = (19) Cr. H				0907490	Adult Health Nursing Internship	4	0906301
0904101	Human Anatomy	3		0907491	Obstetrics, Maternal and Gynecological Nursing Internship	3	0906202
0904102	Human Physiology	3		0907492	Pediatric Health Nursing Internship	3	0906302
0904103	Clinical Biochemistry	3		0907493	Public Health, Family & Community Health Internship	3	0906303
0904104	Microbiology	2		0907494	Critical Care Nursing Internship	3	0906402
0904105	Clinical Nutrition	2		0907495	Psychiatric & Mental Health Nursing Internship	3	0906401
0904201	Pathophysiology	3	0904102	**Total hours**		**19 (equivalent to 760 Contact hours)**	
0904202	Pharmacology &	3	0904201	**Program Overview**			
Total Hours		19		• Core courses = 70 CR.H.			
Nursing Fundamentals and Patient Care = (34) Cr. H (27) CR.H. Theoretical hours + (7) CR. H. Simulation-based training				• Elective = 3 CR. H.			
				• Practical Experience = 47 CR.H.			
0905201	Foundations of Nursing Practice	4	0904102	**Total**		**120**	

BSc. Nursing Guidance Plan

Year 1		Year 2		Year 3		Year 4	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English 1 (3 Cr. Hrs)	Microbiology (2 Cr. Hrs)	Pathophysiology (3 Cr. Hrs)	Pharmacology & Therapeutics (3 Cr. Hrs)	Adult Health Nursing (2) (4 Cr. Hrs)	Gerontological Nursing (4 Cr. Hrs)	Psychiatric & Mental Health Nursing (3 Cr. Hrs)	Adult Health Nursing Internship (4 Cr. Hrs)
UAE Studies (3 Cr. Hrs)	Human physiology (3 Cr. Hrs)	Biostatistics and Research Methods (3 Cr. Hrs)	Adult Health Nursing 1 (4 Cr. Hrs)	Adult Health Nursing- 2 Practicum (3 Cr. Hrs)	Public Health, Family & Community Health Nursing (3 Cr. Hrs)	Psychiatric & Mental Health Nursing practicum (3 Cr. Hrs)	Obstetrics, Maternal and Gynecological Nursing Internship (3 Cr. Hrs)
Chemistry (3 Cr. Hrs)	Nursing Theory and models (3 Cr. Hrs)	Foundations of Nursing Practice (4 Cr. Hrs)	Adult Health Nursing 1 Practicum (3 Cr. Hrs)	Pediatric Health Nursing (4 Cr. Hrs)	Public Health, Family & Community Health Nursing practicum (3 Cr. Hrs)	Critical Care and Emergency Nursing (4 Cr. Hrs)	Pediatric Health Nursing Internship (3 Cr. Hrs)
Human Anatomy (3 Cr. Hrs)	Clinical Biochemistry (3 Cr. Hrs)	Ethics and leadership for Nursing (3 Cr. Hrs)	Obstetrics, Maternal and Gynecological Nursing (4 Cr. Hrs)	Pediatric Health Nursing Practicum (3 Cr. Hrs)	Elective course (3 Cr. Hrs)	Critical Care Nursing Practicum (3 Cr. Hrs)	Public Health, Family & Community health Nursing Internship (3 Cr. Hrs)
Biology (3 Cr. Hrs)	Communication and Patient Education (3 Cr. Hrs)	Clinical Nutrition (2 Cr. Hrs)	Obstetrics, Maternal and Gynecological Nursing Practicum (3 Cr. Hrs)				Critical Care Nursing Internship (3 Cr. Hrs)
							Psychiatric & Mental Health Nursing Internship (3 Cr. Hrs)
15	14	15	17	14	13	13	19
29		32		27		32	
120							

Brief Course Descriptions

Course	Course Title	Course Description
General Education Requirements = (6) Cr. H		
0401120	**English I**	This course provides the basic skills needed to function within an English medium university context. It brushes up and enhances students' fundamental knowledge of the English language in the areas of grammar, reading, writing, and speaking skills to the level that they become competent enough to launch out in a more in-depth study of English as a second language in Effective Communication in English2.
0409103	**UAE Studies**	This course aims to provide a comprehensive view of the United Arab Emirates in terms of the emergence of the country, the stages of establishment and the structure of society, and the accompanying changes and developments in the political, economic and social structure of the UAE. The course also presents the UAE's future vision and its most prominent achievements. The course examines some of the challenges and problems that may face the UAE society and how to address and prevent them.
Nursing Theory and Professional Development = (9) Cr.H		
0901100	**Nursing theory and models**	This course introduces students to the foundational theories and conceptual models that guide nursing practice, education, and research. It explores the evolution of nursing knowledge, key theorists, and the application of various nursing models in clinical settings. Emphasis is placed on understanding how theoretical frameworks support evidence-based care and enhance professional decision-making in diverse healthcare environments.
0901300	**Communication and Patient Education**	This course equips nursing students with the essential skills to educate patients, families, and communities effectively while fostering therapeutic communication. It emphasizes evidence-based teaching strategies, cultural sensitivity, and the integration of communication skills to enhance patient understanding, engagement, and adherence. Students will develop critical-thinking skills and apply principles of health literacy to promote health and manage illness in diverse populations.
0901400	**Ethics & Leadership For Nursing**	This course explores the ethical principles and leadership competencies essential to professional nursing practice. Students will examine ethical decision-making frameworks, legal responsibilities, and moral dilemmas encountered in healthcare. The course also focuses on leadership styles, communication, team collaboration, and strategies for effective advocacy and management in clinical settings, preparing students to lead with integrity and accountability.
Evidence Based Practice and Research = (9) Cr.H		
0200100	**Biology**	The course of Principles of Biology is designed to give knowledge of the basic processes of life; function of components of eukaryotic cells, structure of biomolecules, structure and function of proteins, membranes and the role of enzymes. The course helps the students to understand cell signaling, DNA replication, and protein synthesis and biotechnology techniques. The students would be given an overview on bioinformatics and also learn to use basic tools in genome sequence analysis. The course also deals with some aspects of functioning of human systems and ecology.
0201100	**Chemistry**	The course presents fundamentals of certain topics in chemistry which includes basic knowledge of the atom, the electronic structure and configuration of various atoms. It also describes the importance of the periodic table and chemical bonding. The course details the importance of acids and bases, solutions and solubility. The course also includes topics on gases, and thermodynamics.

Course	Course Title	Course Description
0701325N	**Biostatistics & Research Methods**	The course provides a survey of data and data types. Specific topics include tools for describing central tendency and variability in data; methods for performing inference on population means and proportions via sample data; statistical hypothesis testing and its application to group comparisons; issues of power and sample size in study designs; and random sample and other study types.
Nursing Elective Courses = (3 cr.H only)		
0903101	**Palliative and End-of-life care**	This course focuses on the principles and practices of providing compassionate, holistic care to individuals with life-limiting illnesses and those at the end of life. Topics include pain and symptom management, communication with patients and families, cultural and spiritual considerations, and ethical issues surrounding death and dying. Emphasis is placed on interprofessional collaboration and supporting patients and families through the dying process with dignity and respect.
0903102	**Health Promotion and Education**	This course introduces the principles and strategies of health promotion and patient education across the lifespan. It emphasizes the nurse's role in assessing health needs, planning and implementing educational interventions, and evaluating outcomes. Students will explore behavioral change theories, health literacy, and culturally sensitive communication to empower individuals and communities in achieving optimal health and wellness.
903103	**Digital Health and Informatics**	The DIGITAL HEALTH and INFORMATICS course familiarizes the students of nursing with digital health and informatics as an integration of learning in nursing sciences, computer sciences, and information sciences. The course supports the future graduates of nursing with excellence in digital health clinical practice. The deliverable learning will acquaint the students of nursing with the effective and efficient utilization of innovative technology (informatics/digital health/artificial intelligence) and its applications throughout all aspects of digital health and informatics delivery.
Foundational Health Sciences = (19) Cr. H		
0904101	**Human Anatomy**	This course provides an in-depth study of the structure of the human body, including the skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, reproductive, and endocrine systems. Emphasis is placed on anatomical terminology, body organization, and the relationships between different organ systems to support clinical understanding and practice.
0904102	**Human Physiology**	This course explores the normal functions of the human body at the cellular, tissue, organ, and system levels. It focuses on the mechanisms that regulate homeostasis, including neural, hormonal, and feedback control systems. Understanding physiological processes provides a foundation for recognizing deviations from normal function in clinical nursing practice.
0904103	**Clinical Biochemistry**	This course introduces nursing students to the essential biochemical concepts and their applications in clinical settings. The focus is on biochemical processes that are directly relevant to nursing practice, including the interpretation of clinical laboratory tests such as kidney function tests, liver function tests, and urine analysis. The course emphasizes understanding metabolic disturbances and their impact on nursing care. The laboratory component provides hands-on experience with biochemical techniques commonly used in clinical diagnostics.

Course	Course Title	Course Description
0904104	**Microbiology**	Microbiology is the study of organisms and agents too small to be seen clearly by the naked eye, while Immunology is the study of our protection from foreign macromolecules or invading organisms and our responses to these invaders. The first part of the course will cover principles of microbiology with emphasis on microorganisms and human disease including most medically important bacteria, viruses, fungi and parasites. They will be presented with a general overview of their related diseases to human health. The second part of the course will cover topics in basic immunology including the innate (nonspecific) and acquired (specific) immunity to bacteria, viruses and parasites. This part will highlight the major components and control of the immune system (Antigens, Antibodies, Lymphocyte cells, Cytokines, Complement etc ...). An important focus will be held on antibody formation, structure and function, genetics and antigen-antibody reactions.
0904105	**Clinical Nutrition**	This course provides a comprehensive understanding of the principles of nutrition and their application in clinical practice. It covers the role of macronutrients, micronutrients, and metabolism in maintaining health, as well as the assessment and planning of individualized nutrition care. Students will explore nutrition across the life cycle, including during pregnancy, infancy, adolescence, adulthood, and aging. Emphasis is placed on managing weight and addressing nutritional needs in various clinical contexts, such as gastrointestinal disorders, diabetes, cardiovascular diseases, renal diseases, cancer, and metabolic and respiratory stress. The course also introduces enteral and parenteral nutrition support, equipping future nurses with the skills to optimize patient care and promote recovery through evidence-based dietary interventions.
0904201	**Pathophysiology**	This course covers general pathophysiology concepts that include cell injury, necrosis, and inflammation, wound healing and neoplasia. These concepts are applied in a systems-oriented approach to disease processes affecting musculoskeletal, cardiopulmonary, renal, nervous, gastrointestinal, immune, hematological and endocrine systems. This course is designed to promote the understanding and application of fundamental disease processes in clinical settings. The aim of the course is to teach students the pathogenesis of various diseases affecting the human body. Altered physiological functions of human organs are explained and then described on molecular, cellular, organ & systemic level. By the end of the course students should be able to understand the relation between the symptoms & the disease, which might be helpful in differential diagnosis and provide a rational for subsequent drug therapy useful later for the pharmacotherapy courses. Understanding the mechanisms of disease is essential to the role of the pharmacists in determining the appropriate care of the patient and provide a rationale for subsequent drug therapy.
0904202	**Pharmacology & Therapeutics**	This course provides nursing students with a comprehensive foundation in pharmacology and therapeutics, focusing on the principles of pharmacokinetics, pharmacodynamics, and pharmacogenomics as they relate to patient care. It covers the drug classifications, mechanisms of action, therapeutic uses, side effects, and nursing implications for safe administration and monitoring. Emphasis is placed on critical-thinking skills for safe drug administration and patient education.
Nursing Fundamentals and Patient Care = (34) Cr. H (27) CR.H. Theoretical hours (7) CR. H. Simulation-based training		
0905201	**Foundations of Nursing Practice**	This course introduces the fundamental concepts, skills, and attitudes essential to professional nursing practice. Students learn basic nursing procedures, patient safety, infection control, communication, and documentation. Emphasis is placed on the nursing process, critical thinking, and holistic care to meet the physical, emotional, and psychosocial needs of patients.

Course	Course Title	Course Description
0905202	**Adult Health Nursing 1**	This course provides foundational knowledge and skills for caring for adult patients experiencing a range of health conditions. Emphasis is placed on understanding pathophysiology, clinical manifestations, and evidence-based interventions for common acute and chronic diseases. Students will learn to conduct thorough assessments, develop nursing care plans, and perform essential nursing interventions.
0905203	**Obstetrics, Maternal and Gynecological Nursing**	This course is designed for students to develop knowledge and competencies on the concepts and principles of Maternity & newborn health Nursing. It helps them to acquire knowledge and skills in rendering respectful maternity care to women during antenatal, natal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participating in family welfare program.
0905301	**Adult Health Nursing 2**	This course is designed for students to develop knowledge and competencies on the concepts and principles of Maternity & newborn health Nursing. It helps them to acquire knowledge and skills in rendering respectful maternity care to women during antenatal, natal and postnatal periods in hospitals and community settings. It further helps to develop skills in managing normal neonates and participating in family welfare program.
0905302	**Pediatric Health Nursing**	This course aims to provide competencies in providing child care including; health promotion as well as management of acute and chronic pediatric conditions. The course aims to equip students with the necessary knowledge and clinical skills to provide comprehensive nursing care to children across various developmental stages and with different pediatric health conditions. In this course, students will learn the basics of pediatric nursing, normal child growth and development stages as well as essential skills in pediatric history taking and physical examination. The course also covers identifying the nutritional requirements of children at different stages, and managing nutritional disorders from the nursing perspective. Students will also study the nursing management of common pediatric diseases such as: respiratory tract infections, cardiovascular and GIT disorders. The course also covers endocrine and infectious diseases affecting pediatrics.
0905303	**Gerontological Nursing**	This course provides foundational knowledge and skills for caring for geriatric patients experiencing a range of health conditions. Emphasis is placed on understanding pathophysiology, clinical manifestations, and evidence-based interventions for common acute and chronic diseases. Students will learn to conduct thorough assessments, develop nursing care plans, and perform essential nursing interventions.
0905304	**Public Health, Family & Community Health Nursing**	The Public Health and Community Health Nursing course is designed to facilitate the conceptualization of family, population groups, and community as units of care as well as promoting, maintaining and improving health within the community. The course focuses on risk reduction, health maintenance, and promotion of high-level wellness to individuals, families, and groups of all ages throughout the health continuum. The student is provided with the opportunity to assess the health needs of selected families in the community with selected health promotion and health maintenance needs. Variables such as culture and environment, which influence health behaviors of families and the community, are considered in providing nursing intervention. Students include the clients in setting goals for interventions. By incorporating the concepts for nursing practice and psychosocial assessment the student is able to demonstrate more complex use of the nursing process when caring for clients experiencing crisis. Coping skills of the client and the nurse are assessed and discussed. The student is expected to explore and identify factors which help or hinder health practices. The student uses the nurse-client relationship as the primary modality of nursing intervention.

Course	Course Title	Course Description
0905401	**Psychiatric & Mental Health Nursing**	The purpose of this course is to provide the Psychiatric-Mental Health Nurse Practitioner/ Clinical Nurse. Specialist student an in-depth study of psychiatric/mental health care management of adults and their families within the framework of advanced nursing. The focus is on selected acute and chronic complex psychiatric/mental health care problems. Emphasis is on the interaction among health care providers in a culturally diverse environment. The purpose of the clinical part of the course is to provide an opportunity for the Psychiatric-Mental Health Nurse Practitioner/Clinical Nurse Specialist student to practice within an advanced nursing framework. The focus is on the role of the advanced practice nurse in the health care management of adults with psychiatric/ mental health concerns. Emphasis is on collaboration with other health care providers in a culturally diverse environment
0905402	**Critical Care and Emergency Nursing**	This Course aims to provide the student with the opportunity to apply this knowledge and practice the related skills in their holistic nursing care of the critically ill patient, working individually and as a member of the multidisciplinary team. The student will be encouraged to assume increased responsibility and accountability for the nursing care and management of critically ill patients of all stages of severity. The student will be encouraged to reflect on current critical care nursing practice, to further develop an analytical approach to evidence-based patient care and to assist with supervision and clinical teaching of critical care nurses who are commencing on the course.
Nursing Clinical experience = (21) Cr. H		
0906201	**Adult Health Nursing 1 Practicum**	This clinical course will immerse students in the practical aspects of adult medical and surgical patient care, focusing on comprehensive assessments, accurate documentation, and individualized interventions. Clinical practice will include safe medication administration, surgical wound care, infection control, and patient safety techniques. Students will interpret clinical data to manage fluid and electrolyte imbalances, pain, and post-surgical recovery effectively. Emphasis will be placed on adherence to ethical, legal, and safety standards, preparing students for evidence-based, patient-centered care across diverse clinical settings.
0906202	**Obstetrics, Maternal and Gynecological Nursing Practicum**	This course is designed to assist students in developing expertise and in depth understanding in the field of maternal and neonatal health Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager, and researcher in the field of Obstetric and Gynecological nursing
0906301	**Adult Health Nursing 2 Practicum**	This course introduces foundational nursing skills and essential knowledge focusing on comprehensive assessments and management of common health conditions. The course emphasizes patient assessment, understanding of common adult pathologies, and the development of care plans that are tailored to individual health needs. Students will explore safe medication administration, patient safety, and surgical care techniques, preparing them for, evidence-based nursing interventions in clinical environments.
0906302	**Pediatric Health Nursing Practicum**	This course aims to provide competencies in providing child care including; health promotion as well as management of acute and chronic pediatric conditions. The course aims to equip students with the necessary knowledge and clinical skills to provide comprehensive nursing care to children across various developmental stages and with different pediatric health conditions. In this course, students will learn the basics of pediatric nursing, normal child growth and development stages as well as essential skills in pediatric history taking and physical examination. The course also covers identifying the nutritional requirements of children at different stages, and managing nutritional disorders from the nursing perspective. Students will also study the nursing management of common pediatric diseases such as: respiratory tract infections, cardiovascular and GIT disorders. The course also covers endocrine and infectious diseases affecting pediatrics.

Course	Course Title	Course Description
0906303	**Public Health, Family & Community Health Nursing Practicum**	This clinical course is designed to be a synthesis of community-based nursing with the goal of promoting and preserving the health of populations. The ability to prevent disease, maintain well-being and promote health through organized community effort is derived from public health. This course also recognizes that community health practice is responsible to the community as a client with services provided to individuals, families and groups to promote health and prevent disease. Students will have an opportunity to participate in school health, people with special needs, and occupational health care as a component of their public and community health experience. Students will apply knowledge and skills from nursing and public health sciences to expand their understanding of caring for a community . Every 4 weeks students will be allocated in different community-based services observing and practicing the needs for their clients. Focusing mainly on School health, intellectual disabilities care and Occupational Health care.
0906401	**Psychiatric & Mental Health Nursing Practicum**	The purpose of this course is to provide the Psychiatric-Mental Health Nurse Practitioner/ Clinical Nurse Specialist student an in-depth study of psychiatric/mental health care management of adults and their families within the framework of advanced nursing. The focus is on selected acute and chronic complex psychiatric/ mental health care problems. Emphasis is on the interaction among health care providers in a culturally diverse environment. The purpose of the clinical part of the course is to provide an opportunity for the Psychiatric-Mental Health Nurse Practitioner/Clinical Nurse Specialist student to practice within an advanced nursing framework. The focus is on the role of the advanced practice nurse in the health care management of adults with psychiatric/ mental health concerns. Emphasis is on collaboration with other health care providers in a culturally diverse environment
0906402	**Critical Care Nursing Practicum**	This course focuses on providing nursing students with efficient clinical training using the nursing process as a framework for providing nursing care for clients in the intensive care settings (e.g., intensive care unit, coronary care unit, intermediate care unit, emergency department). In caring for the critically ill patient, students will collect data, identify management priorities, formulate appropriate patient-centered plans of nursing care, implement nursing care plans according to the predefined priorities and patient values and preferences, and evaluate outcomes of provided nursing care. Additionally, this course aims to improve both organizational and communication skills among students. This is an advanced course and thus, should be taken at the level of third or fourth year in the nursing program.
Internship Courses = (19) Cr. H		
0907490	**Adult Health Nursing Internship**	This clinical course will immerse students in the practical aspects of adult medical and surgical patient care, focusing on comprehensive assessments, accurate documentation, and individualized interventions. Clinical practice will include safe medication administration, surgical wound care, infection control, and patient safety techniques. Students will interpret clinical data to manage fluid and electrolyte imbalances, pain, and post-surgical recovery effectively. Emphasis will be placed adherence to ethical, legal, and safety standards, preparing students for evidence-based, patient-centered care across diverse clinical settings.
0907491	**Obstetrics, Maternal and Gynecological Nursing Internship**	This course is designed to assist students in developing expertise and in depth understanding in the field of maternal and neonatal health Nursing. It will help students to appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager, and researcher in the field of Obstetric and Gynecological nursing

Course	Course Title	Course Description
0907492	**Pediatric Health Nursing Internship**	This course provides hands- on clinical experience where students will perform health assessments of children with different disorders and at different stages of growth. Students will apply their theoretical knowledge to analyze health information and use critical thinking to make health care informed decisions as well as performing the needed nursing interventions that are tailored to pediatric care. This course will prepare students with the essential competencies related to illness prevention and health promotion among children and their families
0907493	**Public Health, Family & Community Health Internship**	This clinical course is designed to be a synthesis of community-based nursing with the goal of promoting and preserving the health of populations. The ability to prevent disease, maintain well-being and promote health through organized community effort is derived from public health. This course also recognizes that community health practice is responsible to the community as a client with services provided to individuals, families and groups to promote health and prevent disease. Students will have an opportunity to participate in elderly, primary care, and home care nursing as a component of their public and community health experience. Students will apply knowledge and skills from nursing and public health sciences to expand their understanding of caring for a community . Every 4 weeks students will be allocated in different community-based services observing and practicing the needs for their clients. Focusing mainly on aged care, primary health care and family health care.
0907494	**Critical Care Nursing Internship**	This course focuses on providing nursing students with efficient clinical training using the nursing process as a framework for providing nursing care for clients in the intensive care settings (e.g., intensive care unit, coronary care unit, intermediate care unit, emergency department). In caring for the critically ill patient, students will collect data, identify management priorities, formulate appropriate patient-centered plans of nursing care, implement nursing care plans according to the predefined priorities and patient values and preferences, and evaluate outcomes of provided nursing care. Additionally, this course aims to improve both organizational and communication skills among students. This is an advanced course and thus, should be taken at the level of third or fourth year in the nursing program.
0907495	**Psychiatric & Mental Health Nursing Internship**	The course will provide supervised clinical training in a general hospital and a psychiatric unit. The focus of the training in both settings will be on; integrating the theoretical knowledge and evidenced based interventions from the mental health nursing theory course and computer based research findings; Utilize the steps of the nursing process within the therapeutic nurse-client relationship with the emphasis on the humanistic approach; the therapeutic use of self; and developing an open communication with healthcare providers' team to facilitate the client's healing process in a structured environment. Learning is enhanced through the direct interaction with clients experiencing physical illnesses, in crisis and psychiatric disorders. Students will participate in the activities of the unit giving individual care, group activities in collaboration with health care team members in the unit

Academic Staff

No.	Name	University/Country	Rank
1	Dr. Loai Abu Sharour	Griffith University – Australia	Professor
2	Dr. Azza Ramadan	University of Toronto, Canada	Associate Professor
3	Dr. Saaed Touqeer	University of Vienna, Austria	Assistant Professor
4	Dr. Rose Ghemrawi	Lorraine University, France.	Associate Professor

Laboratories

#	Lab. Name
1	Chemistry and biochemistry Laboratory
2	Anatomy and histology/Physiology Laboratory
3	Microbiology Laboratory
4	Multi-purpose nursing skills Laboratory (Proposed to be Constructed)
5	Fundamentals of Nursing Skills Laboratory (Proposed to be Constructed)
6	Physical Assessment Laboratory (Proposed to be Constructed)
7	Nursing Specialties Simulation Laboratories (Proposed to be Constructed)
8	Research Laboratory

(23) DEANSHIPS

- **Deanship of Student Affairs**
- **Deanship of Scientific Research and Graduate Studies**

DEANSHIP OF STUDENT AFFAIRS

About the Deanship

Al Ain University provides many services and facilities to students during their university studies, and these services are provided through the Deanship of Student Affairs, which seeks to interest the students not only academically, but from all other aspects that develop their personality and develop their skills and talents, as the Deanship of Student Affairs believes that its programs and services contribute In the success and excellence of students academically and refine their various personalities and skills.

It is worth noting that these services are variant for students, whether inside or outside the university campus, and help to create a suitable environment for student interaction and enrich the general experiences of students.

Students can contact the Deanship of Student Affairs at both campuses by visiting the Deanship of Student Affairs building or via email.
(Studentservices@aau.ac.ae), (Studentservices_ad@aau.ac.ae).

Dean's Message

Welcome to Al Ain University (AAU). We are happy you have chosen to become a member of AAU Family.

Since you are going to start your academic life, it is the time when you start a new direction in your life which is going to be full of promises and hope. The Deanship of Student Affairs is committed to work with you and face all challenges you might face during your upcoming journey.

We are dedicated to meet your needs, abilities, and hobbies through our caring staff. AAU is working as one team to provide the appropriate atmosphere to help you to achieve your academic goals.

We encourage you all to join us and be an active member at the university life by using one of our opportunities which we offer during the academic year. You will have the chance to organize or involve in many activities related to leadership development, personal growth and community engagement.

Take your chances, ask questions, study hard, get involved, be creative, build new friendships, and have fun.

This stage in your life is going to be the best one in your life, it is the stage when you will have the best memories you might ever have in your life so do not lose it.

Visit us at the Deanship of Student Affairs, we are here to help you in any way we can. We hope you succeed and be special in your academic achievements.

Vision

Outstanding reference for the university students in the United Arab Emirates and the Arab world.

Mission

Fulfilling the student's cognitive, affective and physical needs, as well as discovering and developing their skills and talents through practicing the university life and community engagement.

Values

Respect, diversity, creativity and innovation, self-reliance, independence, volunteer work, belonging to the nation.

Goals and Objectives

The Deanship of Student Affairs seeks to achieve several goals including:

1. Facilitating the progress of university students and providing them with services that enable them to practice their university life in the best way possible.
2. Introducing the freshmen to the AAU facilities as well as guiding and helping them overcome the first and most difficult stage in their university life.
3. Activating the role of students in decision-making through their participation in the preparation and organization of sports, cultural, artistic and social development activities.
4. Refining the students' personalities educationally, psychologically, emotionally, and socially through supporting their ideas, interests and talents.
5. Organizing meetings, lectures and participating in religious and national occasions and events.
6. Supervising and organizing all student extra-curricular activities whether sports, cultural, or social.
7. Supporting efforts at the university level which call for an environment of physical, psychological, and social well-being.
8. Strengthening the bonds of national unity and sense of belonging to the nation and culture.
9. Supporting the positive values and habits in developing a new generation of university youth.
10. Developing a culture of democracy, justice, equality, and respect for others in an embodiment of the idea of the student parliament.
11. Establishing student associations to facilitate the participation of students in various activities.
12. Preparing students for the job market by providing them with the necessary skills, offering opportunities for training and rehabilitation, and assisting them in identifying suitable jobs in their fields.
13. Staying in touch with the alumni to help them find suitable job opportunities.
14. Developing and expanding health programs so that they meet the needs of all students.
15. Fostering a spirit of teamwork and the importance of innovation, creativity as well as adapting to the changing circumstances.
16. Fostering volunteer work, social cooperation, and the spirit of public service among students.
17. Realizing that both a clear vision and hard work are necessary for a better future.

Deanship Council for the academic year 2024-2025:

Name		Title
Prof. Ibtehal Mahmoud Aburezeq	Dean of Student Affairs	Chair
Dr. Nuha Hamed Hamada	Deputy Dean of Student Affairs/ Abu Dhabi	Member
Dr. Bayan Aref Abu Shawar	College of Engineering Representative/ Abu Dhabi	Member
Dr. Fayez Mohammad Al Nusair	College of Law Representative	Member
Dr. Shirin Abdallah AlAmoor	College of Education, Humanities and Social Sciences Representative	Member
Dr. Riham Suleiman Muqattash	College of Business Representative/ Abu Dhabi	Member
Dr. Sawsan Mohammad Taha	College of Communication and Media Representative	Member

Student Well-Being

Al Ain University is keen to promote and develop the quality of university life for students, by providing various services during their university journey, which aim to entertain them in all aspects that develop their personalities, needs, skills and talents.

The Deanship of Student Affairs looks forward to creating a sustainable and appropriate environment for students to interact and enrich their experiences.

Student Services

• Student Activities Office.

This office seeks to activate the students' role in extracurricular college life by organizing events and various scientific, cultural, artistic, sports, and health activities that contribute to the student's academic and extracurricular needs, as well as the development of multiple skills leading to refine his/ her character in a positive direction. To achieve these goals, the office ensures that students have an active role in choosing activities and participating in certain events.

• Health Care Office.

The University's clinic provides primary health services, nursing care in addition to handling simple emergencies. In case of critical situations, a student would be transported to the nearest hospital by ambulance so that a specialized doctor would ascertain the situation and complete the necessary tests. Also, the clinic provides general guidelines and continuing health education for students as healthy food, attention to personal hygiene and how to get enough rest and sleep to achieve greater academic results.

Through the clinic, AAU provides their students with different services including first aid for emergencies and minor cases such as measuring blood pressure and temperature. They also provide first notice if any cases require hospital attention for follow up tests, and examination. The nurse at the clinic coordinates with relevant organizations to arrange for various awareness lectures and programs.

The University Clinic arranges lectures on various awareness programs, in cooperation with external health institutions. Additionally, it participates in many global health events and celebrations.

One of the main services provided by the Health Care office is the health insurance service for students. The office issues health insurance cards for the students whose residency is issued by the University.

In order to get a health insurance, students must submit the following documentation:

1. A valid 'To whom it may concern' certificate issued from AAU.
2. One personal photo.
3. A copy of the Emirates ID.
4. A copy of valid passport.
5. A copy of valid visa.

• Psychological and Social Counseling Office.

This office is responsible for following up with students in non-academic problems and providing them with appropriate solutions, including psychological and social problems that they may encounter through their University life. This office also provides individual and group counseling to students while maintaining the highest degree of confidentiality. This office helps new students to overcome the difficulties they may face in their first academic year at the University. To accomplish these goals, AAU ensuring the availability of specialized counsellors who provide personal assistance to students.

• Career Development Office.

The career placement services are provided by the career development office through offering several services to students which develop some skills they need for their future career. One of these services is the Work-Study program which offer part-time jobs on campus for eligible undergraduate students.

These opportunities help to refine student's personality and acquire various skills by engaging in the practical field. The office also works on organizing lectures and various workshops concerned with how to search for a job, preparing a resume, preparing for job interviews, and other matters related to the career of the student after graduation.

• People of Determination Support Office.

This office works to integrate people of determination with the University community by creating a sustainable learning environment throughout their studies and until their graduation from the University. It contributes to empowering this category of students and arranging their own educational provisions to ensure a fair opportunity to meet all their learning requirements. The office conducts an orientation day in the beginning of each semester to introduce the students to the available services and University facilities. In addition, taking comments or suggestions from their side to improve or provide any services that might help them during their study. There is also a follow up with them each semester in all the courses they register to identify any special needs during the term related

to the teaching methods used and to provide any special requirements based on their health condition.

Community Engagement Office.

This office aims to strengthen the University's ties with the community and to help advance it in all aspects so as to cater for the various needs and requirements. The University also exerts all effort to establish its place in the local community to enhance the society's realization of AAU's significance as an academic institution well- deserving of the community's support to achieve its goal of providing the nation with a mature, intellectual generation that will serve the community in all aspects. The activities which help accomplish these goals include, but are not restricted to:

- Offering high school top scoring students scholarships.
- Delivering seminars and workshops for various institutions such as schools and colleges.
- Contacting other universities to exchange experience and student activities.
- Taking part in events organizations hold such as awareness campaigns.
- Preparing for national events in line with the nation's celebrations.
- Organizing awareness campaigns for numerous issues of relevance and importance to the whole community such as breast cancer, smoking, and safe driving.
- Arranging different visits to social organizations such as orphanages, and special needs' centers.

Clubs at the Deanship of Student Affairs for undergraduate and postgraduate students

The Deanship of Student Affairs oversees a variety of clubs for both undergraduate and postgraduate students. These clubs serve different interests and purposes, providing students with opportunities for social interaction, personal development, and academic enrichment.

DEANSHIP OF SCIENTIFIC RESEARCH AND GRADUATE STUDIES

About the Deanship

The Deanship of Scientific Research and Graduate Studies (DSRGS) is the organizational unit of Al Ain University responsible for the planning, management, promotion, and support of research activities that are carried out by the academic departments through internal and external funding. DSRGS is responsible for the administration of programs of instruction leading to graduate degrees. The graduate courses are taught by AAU faculty and are delivered within the university physical facilities.

The Deanship is managed by the Dean of Scientific Research and Graduate Studies who has the primary responsibility of the academic direction and administration of the Deanship, and the functional responsibilities of scientific research including research activities such as funded research projects, professional conferences, sabbatical leaves, release time, research scholarship programs and research awards. In addition, the Deanship manages workshops related to the research needs of the colleges. The Deanship plans and manages research and other scholarly activities through the Scientific Research Council.

Dean's Message

The Deanship of Scientific Research and Graduate Studies at Al Ain University works closely on the regulations of research and graduate studies with the six colleges within the University. AAU offers graduate students the opportunity to pursue their degrees and professional development in an inspiring atmosphere. Students choose AAU to pursue their graduate studies because they are looking for a high-caliber program delivered by highly motivated faculty who are recognized experts in their research and teaching.

The close relationship between the DSRGS and the different colleges draws the production of high-quality scientific services contributing to the development of society. A high emphasis is placed on continuously improving and working on the potential and capabilities available to maximize the options, capacity building, provision of education, and continuous change toward a better society. The DSRGS is committed to providing remarkable academic and administrative support to our faculty, staff, and students.

The University focuses on supporting projects and research through the publication of academic journal articles and books and attending conferences, seminars, and workshops. It also evaluates and submits proposals to establish new graduate programs. The third focus is formulating policies and procedures and sustaining the quality of scientific research.

Vision

To establish a conducive research environment and graduate programs that enable Al Ain University (AAU) to be one of the leading higher institutions on the national, regional as well as international levels in research quality and graduate programs and their relevance to the local society.

Mission
To provide a stimulating environment and continuous support that reinforce AAU faculty members to enhance their national, regional, and international levels in quality research and graduate programs in different disciplines of pharmacy, information technology, engineering, education, business, and other related fields of significant importance to the UAE.

Value
1- To engage in a continuous process of increasing the stock of useful knowledge.
2- Teamwork and to collaborate in research with other institutions.
3- To ensure high quality Education for Graduate students.
4- To ensure Integrity and transparency of scientific research activities.
5- To create new scientific instrumentation and methodologies.

Goals and Objectives
1- To help produce research and generate innovative activities by encouraging Research proposals from faculty and staff.
2- To engage and encourage research competitiveness by providing seed funding for early-stage research projects.
3- To link research initiatives to the university mission.

Research Policy Statement for AAU:
In line with the UAE 2030 vision and Abu Dhabi's socio-economic and cultural needs, Al Ain University (AAU) is committed to achieving excellence in education, research, and innovation. AAU aims to be a leading research institution in the UAE and the region by fostering a strong research culture among faculty and students, ensuring sustainable research programs, and producing distinguished graduates. To achieve this, AAU focuses on recruiting highly active scholarly faculty, encouraging interdisciplinary research across its five colleges, and providing necessary funding and incentives for research activities. The university allocates 5% of its operational expenditure annually to support research, ensuring adherence to international standards of excellence and ethics while promoting sustainable practices. AAU's strategy includes organizing international conferences, supporting internal and external funding applications, facilitating conference participation, and developing facilities to gain recognition. The estab-lishment of the AAU–Health and Biomedical Research Center (AAU-HBRC) and the Artificial Intelligence Research Centers (AIRC) aims to co-ordinate interdisciplinary research, enhance AAU's national and international reputation, and support its educational and research missions. Additionally, AAU offers internal grants to faculty and staff to promote innova-tive projects, reinforcing AAU's commitment to impactful research.

Scientific Research and Graduate Studies Council

No.	Name	Title
1	Prof. Haythem Bany Salameh	Chair
2	Prof. Mohammad AlHassan	Member
3	Prof. Faris El-Dahiyat	Member
4	Prof. Moustafa Kandeel	Member
5	Prof. Mahmoud Alquraan	Member
6	Dr. Mosab Tabash	Member
7	Prof. Abdulkrim Ziani	Member

Scientific Research Support Fund (SRSF)

AAU has adopted the “Scientific Research Support Fund (SRSF)” as one of its key principal strategies to contribute to a productive society through the enhancement of Research and Development (R&D). The SRSF's main goal is to fund scientific R&D projects of excellence -within and across all disciplines- that will build capacity and expertise and develop collaborative relationships for AAU researchers. This will invest in the development of a highly-skilled, highly productive, and competitive research community and enable AAU researchers to compete nationally and internationally for other competitive research funding.

Scientific Research Incentives System

AAU provides financial research rewards for an unlimited number of published research documents. These financial rewards are regulated based on specific criteria that are announced to all faculty members, students, and staff, known as the “Research Incentives Guidelines.” AAU has adopted a new incentive system to encourage faculty members to continuously publish high-quality research in eminent journals. These incentives include a one-time monetary award for each publication.
Incentives are based on the quality and rank of the journal, according to the journal Scopus CiteScore applied in the university Scientific Research Incentives System. Therefore, faculty members are encouraged to publish in first-tier journals indexed in outstanding databases, e.g., Scopus, and WoS.

Community Engagement

As part of its philosophy, Al Ain University has asserted that it is “a symbol of the society’s renaissance and a significant pivot around which cultural life revolves on the intellectual, scientific, academic, and technological levels.” The University has worked to accomplish these principles as part of its commitment to catering for the UAE’s need for highly-qualified leaders who possess a profound and comprehensive understanding of the requirements and challenges of the twenty-first century in all fields and in all walks of life.

To verify its course and to assess the needs of the community at large, the University has engaged in a range of services, studies, and activities to communicate with the stakeholders to help serve the educational process and the local community. This is congruent with the University’s vision to maintain contact with alumni and stakeholders through actively taking part in efforts directed towards achieving compatibility between the learning outcomes of higher education and the needs of the job market fitting the qualification framework. Consequently, through community engagement, the Deanship aims at:

1- Following up alumni and evaluating their level of knowledge in the job market.
2- Building a database related to the alumni and the needs of the job market.
3- Building bridges of cooperation with different stakeholders in the local community.
4- Identifying the needs of the local community and the challenges facing it especially in relation to ‘globalization’.
5- Establishing joint accords with various organizations to investigate the problems facing the local community and find effective remedies.

It is worth noting, that the Deanship of Scientific Research and Graduate Studies emphasizes the impact of community engagement activities on three components:

1- Impact on faculty members in terms of their shifting paradigm from teaching to learning. Most courses involve study cases relevant to community engagement activities.
2- Impact on students in terms of raising their awareness about solving real-life problems, practices, and how to apply theoretical concepts to real-world situations.
3- Impact of community engagement in terms of advancing suggestions and recommendations to enrich program learning outcomes or/and offering courses to fit specific job market qualifications.

(24) UNIVERSITY CENTERS

- **Information Technology Center**
- **English Language Center**
- **Quality Assurance & Institutional Research Center**
- **Continuing Education Center**
- **Innovation and Entrepreneurship Center**
- **Professional Development Center**

Information Technology Center (ITC)

1. ITC Manager Welcome Message

The Information Technology Center (ITC) supports the university's mission and vision by providing the necessary services to support teaching, learning, and research processes, as well as all administrative activities, through the implementation of innovative technology solutions.

We recognize that information technology is an integral part of the University; thus, we are committed to developing and maintaining a student-centric culture that preserves and improves today's technology services by creating and developing a strong information technology portfolio that serves AAU's and its future needs.

The IT Center is proud of all its initiatives that have been integrated into the teaching and learning environment to help our students and faculty members with their duties and tasks.

As IT Center, we are committed to implementing the best and most recent technological integrated solutions that are aligned with the University's mission and vision in order to meet your needs effectively and efficiently.

The IT Center invites you to explore and comprehend all of our services by visiting our website at www.aau.ac.ae.

2. Mission and Vision

2.1. Mission

Our mission is to establish and maintain an effective operational environment, as well as to deliver quality, timely, cost-effective, and dependable technology services to promote and support the university's effective use of information technology. Our objectives are well-aligned with the University's mission, objectives, and strategic plan.

To achieve this mission, the IT Center collaborates with the university community to provide technological leadership, assistance, and support to all of our students, faculty members, and administrative staff.

2.2. Vision

Our vision is to create an environment in which all students, faculty, and administrative staff have easy access to technology resources and information, as well as to provide an infrastructure that supports the University's Strategic Plan goals.

This vision is achievable by:

- Managing the growth of integrated online academic and administrative information systems effectively.
- Providing students, faculty, and staff with universal access, training, and support to enable effective technology use.
- Improving the performance, security, usability, and dependability of the University's networks, systems, and services on a continuous basis.
- Assisting in the design, acquisition, and implementation of technology that supports individual departments' academic and administrative missions.
- Defining and promoting new opportunities through the use of cutting-edge and emerging technologies

3. Goals and Objectives

3.1. Goals

- Implementing the Go-Green principle by automating all university educational and administrative activities (Functional and Operational).
- Support smart learning methodologies by implementing new solutions and improving existing ones.
- Enforce smart access to university facilities for all students, faculty members, and staff members using their smart ID cards.
- Align all our IT services to the best business practices in the educational sector.
- Implement and enforce business continuity plan to reduce downtime by enabling high system availability.
- Implement and enforce a disaster recovery plan to mitigate risk and maintain data integrity.
- Maintain a high level of network accessibility across all campuses.
- Ensure that all University labs have the necessary IT resources to assist students and instructors in their learning and teaching processes.
- Improve and empower the virtual learning environment.
- Develop and maintain a comprehensive documentation set.
- Monitor all network equipment, network services, and core applications on a regular basis.

3.2. Objectives

- Develop and implement automation systems to expedite the task's completion.
- Develop and implement new systems, as well as improve existing ones used by administrative staff.
- Provide students with access to informational resources.
- Provide network access (wired and wireless) across all campuses.

- Facilitate technology-enhanced teaching.
- Collaborate with faculty members to enhance and support teaching and learning processes.
- Collaborate with the campus community to provide effective solutions that support enrollment growth.
- Utilize technology to improve educational processes.
- Maintain a single authentication method for all university services.
- Ensure that all faculty, staff, and students have access to all online services provided by the university.
- Maintain a technologically integrated environment that supports educational strategic initiatives.
- Zero downtime goal by maintaining failover servers of all the University's services.
- Increase network accessibility to cover both campuses areas.
- Maintain the latest stable releases of all our applications.

4. Duties and Responsibilities

ITC is in charge of providing all types of technological help and support to all university members. These services include, but are not limited to, the following:

- Deploy cutting-edge, intelligent solutions in support of the university's IT strategy.
- Maintain high availability, reliability, and security of all the university's IT services.
- Maintain the best information technology standards in the University's Data Center.
- Maintain proper BC and DR plans for all the information technology services.
- Maintain high availability of the University technological services and resources.
- Provide the university's management with the necessary reports and statistics.
- Attend to and resolve all technical issues reported to the IT Center via the ticketing system.
- Maintain the readiness of all computer labs.
- Provide technical support during any online exams (competency exams, midterm, and final exams).
- Maintain high availability connectivity between the two campuses.

5. Community Engagement

Al Ain University's IT Center offers a wide range of competencies and learning programs that benefit both the university and the surrounding community. The IT Center interacts with both communities in a variety of ways, including:

- Online Learning Portal that facilitates student-instructor communication.
- Professional development courses for instructors and students.
- Deliver lectures to high school students.
- Participate in university events to raise awareness of IT-related challenges.
- Provide all necessary technical support and services for hosting events on the university campus.

6. Quick Glance of provided eservices & Online Resources

Al Ain University IT Center provides a diverse range of online services to students, academic staff, administrative staff, and visitors; these services are:

► **Password Reset Portal:**

This portal enables students to reset the password for their online service accounts without requiring assistance from IT team members.

Password rest portal: http://mypassword.aau.ac.ae

► **Self-Service Portal:**

This portal allows students to monitor their academic level and progress, view their grades, transcripts, financial status, and study plan, register for courses online, and pay their fees electronically. Through the Edugate portal. Furthermore, the admission process is completely automated.

Portal: https://banner-self-service.aau.ac.ae/StudentSelfService/

► **Online Learning Portal:**

This portal provides students with access to a variety of academic activities and resources, including course materials, assignments, forums, workshops, quizzes, and the ability to view recorded lectures at any time.

Online Learning Portal: https://online-learning.aau.ac.ae

► **Online Learning Portal Archives:**

This portal gives students access to the Online Learning Portal's archived Data from previous semesters. Archival portal: http://vle-archive.aau.ac.ae/index.html

► **Online Exam Proctoring System:**

The IT center deployed an exam proctoring system (Lockdown Browser) that

uses artificial intelligence to record and flag any cheating attempts to ensure the integrity of online exams and Safe Exam Browser for computer-based exams.

► **University Email:**

The University provides an email account to all of its family members (students and faculty); This account serves as the official method of internal and external communication.

The email service link: http://www.google.com/a/aau.ac.ae

► **Technical Support Portal:**

Members of Al Ain University can use this portal to request any technical help and support. The OS Ticketing portal: https://osticket.aau.ac.ae

► **Booking of Computer Labs and Conference Rooms:**

The IT center has successfully designed and implemented a booking system to facilitate the scheduling of the University's Computer Labs and Conference Rooms.

► **Telepresence solution in Classrooms and Conference Rooms:**

This solution was implemented by the IT Center on both campuses; it is a value-added tool used by management and staff to facilitate meetings between campuses and to provide a professional tool for blended learning as well.

► **Internet Services:**

The IT Center provides high broadband Internet access throughout the University campuses, with both wired and wireless connectivity.

► **Technical Support:**

The IT Center is committed to providing the university community with technical support to enhance work performance, decrease downtime, and improve communications, the department offers responsive and efficient technical support services from 8 am till 8 pm.

► **Secure Shared Storage for Admin and Academic Staff:**

The IT Center provides secure storage with a maximum storage capacity of 50 GB for academic and administrative staff. This service allows all employees to access their files from any device that is connected to the University's network. This facility eliminates the use of pen drives / flash drives to avoid any security breaches and data loss.

► **Printing Services:**

The IT Center provided a centralized printing service to manage all network printers deployed across all faculties at the university.

► **Virtual Desktop Environment (VDI) Service:**

The IT department has implemented a virtual desktop infrastructure (VDI) that allows faculty to access their files from off-campus using a virtual machine technique which is linked to specific file shared locations that are configured to access a respective folder based on a user's login to the university's file server.To access the virtual desktop system from outside the university, go to: https://vdi.aau.ac.ae

► **Plagiarism Detection Tools:**

The IT Center has integrated plagiarism detection tools to the Online Learning Portal, which allows instructors to maintain academic integrity, streamline grading and feedback, deter plagiarism, and improve student outcomes while also providing detailed reports and statistics on uploaded files via the "Turnitin" plugin.

7. FAQs

► **What is the use of my University ID (Domain User Account)?**

When a student enrolls at Al Ain University and registers for classes, an automated process begins to create their accounts (logins); once their account is created, they will receive an SMS message with their login credentials and information about the online services (portals) they can use, such as the Edugate Portal, the Online Learning Portal (Moodle), in addition to the University's website.

► **I have joined Al Ain University, but my university accounts were not created, what to do?**

There are two scenarios in which your account might not be created automatically; in either case, you should contact the ITC Center immediately to have it set up for you and to prevent any problems:

a. A technical issue occurred while the automated process was being executed.
b. Registering for courses one or more semesters after the date of enrollment.

► What are the user accounts associated with my student ID number??

There are three main accounts that every student at Al Ain University uses throughout their time there:

1. Online Learning Account:

This account allows you to access the Online Learning Portal, where you can find course materials, slides, and assignments, as well as take online exams and view your results.

2. Self-Service Account:

This account provides access to the Edugate Portal, where you can track your academic progress, view grades, transcripts, financial status, the study plan, register for courses, and pay your fees online.

3. University Email Account:

University email accounts are hosted by Google; students and faculty can use the regular Gmail interface to send and receive email, but the accounts will be identified by the university's domain name.

4. Teams Account

This account can be used to access virtual classes via the Microsoft Teams application, attend lectures, and interact with faculty members and other classroom students.

How to change my university accounts password?

► Your online services account:

1. Navigate to the university's website
2. Click on the online courses link
3. Click on the "Forgotten your username or password?" link
4. Enter your student ID number and click on the "search" button
5. Enter the unique values from your Emirates ID Number as explained on the website then click on the "check response" button
6. Enter your new password and re-enter it to confirm then click on the "change password" button to complete the process

► Your university email account:

1. Visit the IT center and present your student ID card and request to reset your password from the IT representative.

2. Issue an online support ticket or the IT center using the Technical Support portal and one of the IT team will follow up with you.

► How can I ask for technical support from the ITC (OSTicket)?

Both students and staff members can issue online support tickets by following the below steps:
1. Navigate the university's website
2. Click on the online courses link
3. Login by your account details
4. Click on the OS Ticket system.
5. Enter your credentials and login.
6. Click on "Open a New Ticket"
7. Choose the right help topic and then enter the details of your issue
8. Finally click on "Create Ticket" to submit your ticket.

► How to access my Self-Service portal

1. Navigate to the university's website and click on the Self-Service link.
2. Click on the login icon on top of the page.
3. Login with your credentials

► How to access my Online Learning Portal

1. Navigate to the university's website
2. Click on the Online Courses link
3. Login with your credentials (student ID or staff username)

► How to access previous semesters' files?

1. Navigate to the university's website.
2. Click on the online courses link
3. Click on the "Archive" Link
4. Select the semester you want to access
5. Login with your credentials as if you are accessing the Online Learning Portal.

► How to access my University Email

1. Navigate to the university's website
2. Click on the AAU Email link
3. Enter your university email ID (student ID followed by "@aau.ac.ae" or staff username followed by "@aau.ac.ae")
4. Enter your password and login

► What will happen to my university's email services when I leave?

When a student leaves AAU, whether for graduation or withdrawal, the IT Center deactivates all accounts associated with that user but does not delete them, so they can be used as a reference in the future.

► How to access the Course File System?

1. Navigate to the university's website.
2. Click on the online courses link
3. Click on the online services menu and choose the "E-Course File System" option
4. Enter your university email ID (staff username followed by "@aau.ac.ae").
5. Login with your credentials

► How to access my Online Learning Portal?

1. Navigate to the university's website.
2. Click on the Online Courses link.
3. Login with your credentials.

► How do I access my Microsoft Office 365 Licenses and its benefits?

AAU Provides free licenses for Microsoft Office 365 to the university community, this not only facilitates productivity and collaboration but also equips individuals with essential tools and skills necessary for academic and professional success in today's digital age.

Logging in to Microsoft Office 365:

To access Microsoft Office 365, follow these simple steps:

1. **Visit the Office 365 Login Page:** Open your web browser and navigate to the Office 365 login page. The URL may vary depending on your institution, but it typically follows the format: https://www.office.com.

2. **Enter Your Credentials:** To log in, use your university-provided email address and password. Enter your university email ID (staff/student username and password)

3. **Authenticate:** According to AAU University's security settings, you may need to complete an additional step for authentication, such as entering a password and having a verification code sent to your phone or email.

4. **Access Office 365 Apps:** Once logged in, you'll have access to a suite of Microsoft Office applications and services, including Word, Excel, PowerPoint, Outlook, OneNote, Teams, and more.

5. **Start Using Office 365:** Click on the desired app icon to launch the application or explore the various tools and services available within the Office 365 portal.

6. **Installation (Optional):** You can also download and install desktop versions of Office applications on your computer by clicking on the "Install Office" button and following the prompts.

7. **Stay Logged In (Optional):** For convenience, you can select the "Keep me signed in" option to stay logged in, but exercise caution when using shared or public computers.

Benefits of Having Free Licenses for the AAU University Community:

8. **Accessibility:** With free licenses for Microsoft Office 365, every member of the university community, including students, academics, and staff, gains access to essential productivity tools from anywhere with an internet connection. This accessibility fosters collaboration and enables individuals to work on projects both on and off campus.

9. **Productivity:** The Office 365 suite offers a comprehensive set of applications tailored for academic and professional tasks. From drafting essays in Word to creating presentations in PowerPoint, managing schedules in Outlook, or collaborating in real-time with colleagues through Teams, Office 365 enhances productivity across various academic and administrative functions.

10. **Compatibility:** By using Microsoft Office 365, the university community ensures compatibility and consistency in document formats and tools. This compatibility streamlines communication and collaboration, as files can be seamlessly shared and edited across different devices and platforms.

11. **Cloud Storage:** Office 365 provides cloud storage through OneDrive, offering each user ample space to store documents, presentations, and other files securely. This feature enables easy access to files from any device and facilitates sharing and collaboration among students, faculty, and staff.

12. **Updates and Support:** With Office 365, users benefit from regular updates and patches, ensuring access to the latest features, security enhancements, and bug fixes. Additionally, Microsoft's robust support infrastructure provides assistance and troubleshooting resources to address any technical issues encountered by users.

13. **Educational Resources:** Microsoft Office 365 offers a range of educational resources, tutorials, and training materials to help users maximize their productivity and proficiency with the software suite. These resources are particularly valuable for students learning essential digital skills and for faculty and staff seeking to incorporate technology into their teaching and administrative tasks.

English Language Center

Vision

To be a leader in English Language teaching and learning. We will achieve desired improvement by the dedication and innovation of ELC staff.

Mission

The English Language Center at Al Ain University exists to serve the language needs of students who are in a transitional period as they are about to embark on a learning experience where the medium of instruction is English. The staff of the ELC is committed to creating and maintaining an organized and trusting environment where teaching and learning are exciting and students are assisted as they develop their language skills. All aspects of the teaching activities are student centered and designed to accommodate individual differences and learning styles in order for all to experience success.

Goals and Objectives

1. Provide English Language instruction to enhance students' proficiency and enable them to attend college courses offered in English as a medium of instruction.
2. Prepare students to sit for international standardized tests such as TOEFL or IELTS and obtain the test scores required by the University and Ministry of Higher Education.
3. Offer language instruction to members of the wider community to help them acquire communicative skills in specific areas such as Academic English.

English Language Proficiency Policy

Undergraduate Programs

In accordance with the Ministry of Education requirements, the students applying for admission in the undergraduate and graduate programs (listed below) need to meet one of the English proficiency requirements:

Undergraduate Programs	EmSAT	TOEFL ITP	TOEFL iBT	TOEFL CBT	IELTS
Bachelor of Science in Computer Engineering	1100	500	61	173	5
Bachelor of Science in Networks and Communication Engineering					
Bachelor of Science in Computer Science					
Bachelor of Science in Software Engineering					
Bachelor of Science in Civil Engineering					
Bachelor of Science in Cybersecurity					
Bachelor of Science in Pharmacy	1100	500	61	173	5
Bachelor of Science in Nutrition and Dietetics	1100	500	61	173	5
Bachelor of Arts in English Language and Translation	1100	500	61	173	5
Bachelor of Education in Special Education	950	450	45	--	4.5
Bachelor of Business Administration	1100	500	61	173	5
Bachelor of Mass Communication	950	450	45	--	4.5

Postgraduate Programs	EmSAT	TOEFL ITP	TOEFL iBT	TOEFL CBT	IELTS
Master of Science in Clinical Pharmacy	1400	550	79	213	6
Master of Science in Pharmaceutical Sciences	1400	550	79	213	6
Master of Public Law	950	450	--	--	4.5
Master of Private Law	950	450	--	--	4.5
Master of Criminal Science	950	450	--	--	4.5
Master of Education - Arabic Language Curricula and Instruction	950	450	--	--	4.5
Master of Education - Islamic Education Curricula and Instruction	950	450	--	--	4.5
Master of Business Administration - MBA	1400	550	79	213	6

In the undergraduate programs, if students do not have TOEFL or IELTS (satisfactory) scores, they will do the AAU Placement Test to determine their English Language proficiency level. Based on their results on the Placement Test, students are placed in the Intensive Remedial English (IRE) course. They can also be enrolled in General University Education (GUE) courses subject to University Registration rules and procedures. The students, who obtain a score of 90 or above, are exempted from taking the IRE course and are allowed to register for GUE courses, depending on University Registration rules and procedures. In all cases, students are not allowed to enroll into the college or the specialization courses without obtaining a satisfactory score in an officially approved English Language Proficiency Test.

Testing Services

- AAU English Placement Test

The purpose of the placement test is to assess the English proficiency of AAU freshmen who do not have a valid English language proficiency score.

It assesses the student's knowledge of grammar, vocabulary, and reading skills.

-The Emirates Standardized Test (EmSAT) Definition

The EmSAT is a national system of standardized computer-based tests, based on United Arab Emirates national standards.

EmSAT Achieve

- **Test description**

A Standardized Electronic Test to assess candidates' skills and knowledge in targeted

subjects: English – Mathematics – Arabic – Physics – Biology – Chemistry – Computer science based on institutional requirements.

- **Test objectives**

To ensure that students are equipped with the necessary knowledge and skills to effectively participate in the modern knowledge based global society.

IELTS Academic	EmSAT
8	1925-2000
7.5	1800-1900
7	1675-1775
6.5	1550-1650
6	1400-1525

5.5	1250-1375
5	1100-1225
4.5	950-1075
4	825-925
*	800>

TOEFL iBT Total Score (0-120)	IELTS Total Score (0-9)	EmSAT
115-117	8.5	
110-114	8	1925-2000
102-109	7.5	1800-1900
94-101	7	1675-1775
79-93	6.5	1550-1650
60-78	6	1400-1525
46-59	5.5	1250-1375
35-45	5	1100-1225

TOEFL ITP Total Score (310-677)	EmSAT
627-677	1675-1775
543-623	1250-1375
460-540	825-925
337-457	<800

For more information and registration please visit the link below:

https://emsat.moe.gov.ae/emsat/Default.aspx

-IELTS Test

IELTS is the world's most popular English language test. Taking an IELTS test can help you achieve your goals academically and professionally. Al Ain University provides IELTS on paper and on computer in partnership with the British Council.

- **Test Format**

IELTS has four modules – Listening, Reading, Writing and Speaking.

- **Total Test Time**

The total test time is 2 hours and 45 minutes. The Listening, Reading and Writing tests are done in one sitting. The Speaking test may be on the same day or up to seven days before or after the other tests. You will be advised of the time for your speaking interview when you apply.

Total time for each part		
Listening	questions 40	Approximately 30 minutes
Reading	questions 40	minutes 60
Writing	tasks 2	minutes 60
Speaking	parts 3	minutes 14–11

Registration and Payment

The IELTS candidate may apply online through this link:

https://affiliates-britishcouncil.org/?a=10&c=135&p=r&s1=

- TOEFL ITP

The purpose of the TOEFL ITP is to evaluate the English proficiency of candidates whose native language is not English. AAU administers the test to students who are enrolled at Al Ain University.

The ITP TOEFL test is given in a single session of about two and a half hours which includes the time required for test directions. The ITP test consists of three sections:

1. Listening Comprehension which measures the ability to understand spoken English;
2. Structure and Written Expression which measures the ability to recognize standard written English;
3. Reading Comprehension which measures the ability to read and understand nontechnical material.

Registration and Payment

The TOEFL ITP candidate may apply online through this link:

https://apply.amideast.org/onlinetestPurchase/uae/AvailableTests/Al%20Ain/AAUA-AL%20AIN%20UNIVERSITY-AL%20AIN/TOEFL%20ITP%20Test%20840%20Dh-229%20USD

Academic Staff

No.	Name	University/Country	Rank
(Al Ain)			
1	Dr. Abdel Ghani Remache	University of Wales, UK	Assistant Prof
2	Mrs. Ream Fathi Odetallah	University of Jordan, Jordan	Instructor
(Abu Dhabi)			
4	Dr. Hanan Chebchoub	Mannouba University-Tunisia	Assistant Prof
5	Mr. Amjad Kamal Owais	University of Technology - Sydney, Australia	Instructor

Quality Assurance and Institutional Research Center (QAIRC)

Vision
To foster a culture of evidence-based on continuous quality improvement and ensures institutional effectiveness towards the achievement of international quality standards in Teaching, Scientific Research, and Community Engagement.

Mission
To implement an effective quality assurance system, support local and international accreditation endeavors, conduct high-quality institutional research, and provide accurate, relevant, and timely institutional data to the university administration and the external constituencies.

Goals
1. Promote a culture of quality and continuous improvement among members of the university.
2. Provide needed support to achieve the objectives of the university related to quality, academic accreditation and to improve its national and international ranking among the top universities.
3. Generate and disseminate the reports to the relevant stakeholders on a timely basis.

Responsibilities
1. Organize seminars and workshops, for the academic and admin staff, on quality assurance, assessment, and accreditation.
2. Assist the colleges (self-studies) in national and international accreditation processes and in benchmarking against local and international practices.
3. Prepare & compile the data for the (Worldwide and Regional) universities ranking and formulate the recommendations for continuous improvement. Formulate & conduct relevant institutional research.
4. Develop & maintain a university-wide outcome assessment processes and accompanying templates, handbooks, and guides.
5. Evaluate the effectiveness of its quality assurance system.
6. Refine & proofread the institutional /programs/ self-studies documents based on the MoE/CAA/ ADEK standards and other external organizations.

Continuing Education Center

Vision

"At the Continuing Education Center of Al Ain University, our vision is to lead a transformative approach to learning. By seamlessly integrating practical training with cutting-edge technology, we create an environment where innovation and creativity flourish. We are dedicated to surpassing the expectations of both our Al Ain University students and our corporate partners. Through tailored programs and resources, we aim to enhance students' skills, broaden horizons, and prepare them for successful careers in today's rapidly evolving world. Simultaneously, we collaborate closely with our corporate partners to address their specific needs, providing customized solutions to drive growth and success. Together, we foster lifelong learning and unlock limitless potential."

Mission

At the Continuing Education Center of Al Ain University, our mission is to serve as a hub for comprehensive training and consultation services, covering administrative, technical, legal, and language fields. We are dedicated to empowering university students, academic and administrative staff, as well as individuals from both the public and private sectors, and the wider community, by enhancing their personal and professional skills to excel in their workplaces. We are committed to excellence and quality, utilizing the best available capabilities, top-tier training competencies, and cutting-edge methods.

Goals and Objectives

Our primary objective is to train, rehabilitate, and enhance the efficiency of individuals and institutions by developing their human capacity building skills. Through our programs, we aim to positively impact business performance and productivity rates, fostering growth and success for our clients and partners alike.

Training Programs

The Continuing Education Center, as the training and development arm of Al Ain University, is dedicated to meeting the diverse needs of public and private institutions and companies. We offer a comprehensive array of ACTVET accredited training programs aimed at enhancing the skills and capacities of individuals and organizations. Our training activities include:

- Leadership and Business Management.
- Creativity and Institutional Innovation.

- Marketing.
- Law.
- Information Technology and Digital Transformation.
- English and Foreign Languages.
- Media and Communication.
- Medical Training.
- Teacher Training.
- Finance and Accounting.
- Safety and Security.

We also provide high quality customized courses as per our clients' needs.

Community Engagement.

The Continuing Education Center contributes to societal service and community development through:

- Delivering workshops to different sectors of the Community, AAU staffs and students, to strengthen their skills and knowledge in various skills;
- providing voluntary training to certain sectors of the community such as persons with special needs or orphans, within the applicable regulations;
- Cooperating with the registered charities to provide training for the individuals on how to learn about the job market;
- Voluntary consultancy in coordination with the registered charities.
- Conducting workshops aimed at enhancing the skills and knowledge of various sectors within the community, as well as Al Ain University staff and students, in diverse areas.
- Providing voluntary training programs to specific groups within the community, such as individuals with special needs or orphans, in strict compliance with relevant regulations.
- Collaborating with registered charities to offer training sessions designed to educate individuals about navigating the job market.
- Offering voluntary consultancy services in partnership with registered charities to provide valuable guidance and support to individuals seeking assistance.

Innovation and Entrepreneurship Center

Vision

AAU's Innovation and Entrepreneurship Center aims to become an inspiring and supportive center for successful entrepreneurs of AAU's students and graduates.

Mission

- The center is committed to nurture the entrepreneurial potential of all AAU students and graduates by developing the entrepreneurial mindset and building the supportive ecosystem.
- The center is committed to attract students and graduates who have innovative ideas and have the entrepreneurial potential. The center seeks to be a platform that promotes the entrepreneurial spirit and the culture of innovation among students and graduates of all colleges of AAU by offering education and training, and assist them to start up their small businesses.

The following are the goals and objectives of the center:

Goals

- To prepare AAU students and graduates who become job creators instead of being job seekers and equip them with the necessary entrepreneurial skills.
- Encourage and support talented students and graduates to start their own business(es).
- Provide a platform to the UAE local community to start small business based on innovative ideas.
- Promoting the UAE National Innovation Strategy and embodiment of the sixth item of the fiftieth document Transforming Universities into Free Economic and Creative Zones".
- Embodiment of Abu Dhabi and UAE government initiatives on supporting innovation-based economy.
- Promote startup business for potential entrepreneurs of students and graduates.

Objectives

- To promote the culture of technology led entrepreneurship and small business development in UAE among the students and graduates of AAU.
- To initiate and pursue meaningful research projects in the areas of entrepreneurship and small business development with emphasis on

local and regional challenges.
- To involve government and private agencies / firms in a meaningful dialogue towards fulfilling corporate social responsibility.
- To offer educational programs to enable budding entrepreneurs to write business plans and deal with financial institutions and venture capitalists.
- To channelize the energies and enthusiasm of the young and fertile minds in the appropriate direction and encourage them to convert 'innovative ideas' into small businesses.

Duties and Responsibilities

In order to achieve its mission and accomplish its goals and objectives the center is entrusted to perform activities including:
- Encourage and meaningfully involve students and graduates in entrepreneurial activities and motivate them to think of new and innovative ideas and turn them into successful startups.
- Identify and initiate research studies in problems and aspirations of the local young men and women in setting up small businesses on innovative ideas
- Provide incubation / basic infrastructure facilities to new start-ups
- Encourage applied research projects of AAU faculty to be converted into products or services
- Offer certificate programs to the students of AAU to help them develop entrepreneurial and innovation skills and make them think about creating jobs rather than looking for one.
- Hold workshops and invite experts from local and international organizations and successful persons and entrepreneurs to share their experiences with the young and budding entrepreneurs.
- Engage in consulting services to local government and private firms on issues related to entrepreneurship, innovation management, small business development, corporate social responsibility.

Community Engagement

Although the main objective of the center is to provide a platform to budding entrepreneurs (students and graduates of AAU) to give life to their innovative and creative ideas in terms of startups, the center also engages itself in disseminating policy information on the UAE and Abu Dhabi government on promotion of entrepreneurship and (job-oriented) small businesses. In its activities on dissemination of policy information on entrepreneurship and small businesses the center engages with local community and encourage members of the local community to take initiatives and start their own businesses.

Professional Development Center (PDC)

Overview

The Professional Development Center (PDC) serves as a central hub organization for coordinating and delivering specialized programs aimed at professional development, learning and upskilling of professionals.

The PDC operates in collaboration with the Colleges, the Deanship of Students Affairs and units such as HR, IT, Library, Admission, Registration, Finance, Administration etc. intending to enhance University faculty and staff learning experience and to offer growth opportunities for academic faculty and staff.

The PDC's learning and development initiatives focus on three key areas:

1. Teaching & Learning,
2. Research & Scholarly Activities, and
3. Community Engagement

Welcome Message

Professional Development Center at Al Ain University welcomes you to a wide spectrum of joyful learning!

At Al Ain University, we believe that; the university's faculty and staff's contribution plays a key role in shaping the future growth and success of the University. The Professional Development Center is committed to providing tailored learning and development solutions to both our academic and administrative faculty and staff, spanning across our campuses in Al Ain and Abu Dhabi.

Professional Development Center offers a range of learning modes and resources; which includes face-to-face courses, online learning, customized events, experiential learning and recommended reading that help the participants enhance their professional learning and career development.

The Professional Development Center undertakes Induction and courses for new recruits to the University. A variety of short courses are designed to help University staff develop their professional and technical skills and make the most effective use of technology for their work and research.

Vision

The vision of the Professional Development Center (PDC) is to:

- Empower faculty and staff to make positive contributions to the learning community.
- Provide adequate support and resources to faculty and staff so they can effectively fulfill their roles.
- Align the PDC's offerings with the business needs of the university and the ever-changing landscape of higher education.

Mission

The mission of the Professional Development Center is to develop the skills, competencies and knowledge of the AAU community; that are relevant to changing demands of the higher education environment and are based on current and future requirements of the university and community in general.

Goals and Objectives

- Align individual and team development needs with organizational needs.
- Engage all faculty and staff in learning and development.
- Equip faculty and staff with the knowledge, skills, and expertise to perform their roles effectively.
- Develop effective systems and processes for identifying learning and professional development needs.
- Ensure that staff development priorities are aligned with the university's diversity and equality frameworks.
- Create a learning culture where all staff, regardless of grade, experience, length of service, or level within the organization, are valued and supported in their development.

Roles and Responsibilities

The Professional Development Center (PDC) at Al Ain University operates across three distinct levels of responsibility: the University level, the College or Department level, and the Individual level.

The PDC's specific roles and responsibilities include:

- Providing a range of learning and development opportunities that are relevant to the needs of all faculty and staff.
- Ensuring that learning and development provision is aligned, coherent, and comprehensive.
- Supporting professional development in support of the university's Performance Development Review process.

- Benchmarking development provision against the sector and good practices.

Core Principles and Values

- The importance of professional development is to serve as a driving force for organizational growth and change.
- The engagement of all staff in learning and development.
- The maintenance of high standards of performance by individuals, teams and the organization.
- The encouragement of a partnership approach to professional development is shared by individuals/teams, their line managers and the organization.
- The provision of flexible opportunities and approaches to professional development to meet individuals, teams, and the university's changing needs.
- The adoption of a strategic approach to professional development to respond to both internal and external drivers for change.

Collaborative Learning & Community Engagement

At the Professional Development Center (PDC) of Al Ain University, our commitment to community engagement extends beyond our campus borders. We actively collaborate with faculties and staff from other universities, fostering a culture of knowledge exchange and diverse learning experiences.

Through partnerships with academic institutions both locally and internationally, the PDC facilitates joint initiatives, collaborative research projects, and shared resources, enriching the educational landscape for all involved.

Additionally, we organize workshops led by experts from other universities, providing participants with access to a wide array of perspectives and expertise. These workshops cover a diverse range of topics, from cutting-edge research methodologies to innovative teaching strategies, empowering attendees to broaden their horizons and stay at the forefront of their respective fields.

By actively engaging with faculties and staff from other universities, the PDC reinforces its commitment to excellence, collaboration, and lifelong learning, ultimately contributing to the collective advancement of higher education and academic excellence. Join us in our journey to foster a culture of collaboration, innovation, and excellence in education.

(25) UNIVERSITY UNITS

- Human Resources Unit
- Admission and Registration Unit
- Finance Unit
- Administrative Unit
- Students Recruitment Unit

Human Resources Unit

Vision
To serve AAU by providing, retaining, and developing qualified, diverse and highly motivated staff.

Mission
The mission of Human Resources Unit is to develop, practice, and facilitate the processes which create an environment where the entire staff can make a vital contribution to achieve the AAU's mission.

Goals and Objectives
In Alignment with AAU Goals, following are HR Unit's Goals and Objectives.

1. To make AAU an "Employer of Choice" through continuous image improvement by providing best HR services.
2. To cultivate the culture of trust and welfare; where employees are fully engaged as efficient individuals to AAU and social community.
3. To motivate existing staff by inspiring long-term commitment, career development in order to achieve and sustain higher retention rate.
4. To ensure the compliance of HR policies with (MOHRE) employment laws in order to make AAU a workplace that has all the necessary support for productive relationships.

Duties and Responsibilities
The Human Resources Unit at AAU renders a wide range of services. The key services are mentioned below:

1. Job identification, advertisement, screening selection and recruitment.
2. Job evaluation and grading.
3. Issuance of employment visas, contracts, and associated paper work.
4. Employee Relations Management.
5. Provision of advisory service on employment legislation/terms and condition of service.
6. Management of pre and post-arrival arrangements for new staff orientation and onboarding etc.
7. Designing Training and development programs according to the requirements of the organization and Units.
8. Management of compensation and benefits.
9. Overseeing Time and Leave management.
10. Performance management and Career Development.
11. Development and review of HR policies and procedures.
12. Budgeting and Periodic Reporting.
13. Provision of support on conflict management i.e. disciplinary and grievance advice.
14. Employees Separation management.

Community Engagement
In support of the AAU's long-term, extensive plan of Community Engagement, the Human Resources Unit carries out its social responsibility in the best manner possible. The Human Resources Unit welcomes interns and provides them with top-training to aid them with their future careers. Moreover, the Human Resources Unit is supportive of other HR and personnel departments at various academic institutions and companies who require assistance or consultancy. The HR Unit is also ready to arrange for awareness talks on the MOHRE laws and employee rights.

Admission and Registration Unit

Vision
Commitment to contribute in achieving the university vision as well as promote the admission and registration procedures in the most effective and efficient ways in terms of quality and timely manner.

Mission
The Unit seeks to attract and admit students with different educational background across the region, through providing a variety of academic programs that meet their desires and requested by work demand. Also following up the academic development of AAU students the moment they enter till their graduation. Hereby the Unit strongly emphasizes on AAU regulations and the confidentiality of the academic records.

Goals and Objectives
1. Promoting a variety of academic programs that meet the applicant and work demand expectations.
2. Facilitate the admission and registration procedures.
3. Ensure that AAU students are fully academically guided and advised.
4. Facilitate the process and procedure for AAU students as much as possible.
5. Transparency in communication with students, staff, academic faculty and the outside community.
6. Treat AAU student academic records with highest level of integrity and confidentiality.
7. Provide the highest quality services by continuance enhancements and using advanced technology.

Duties and Responsibilities
1. Student admission in accordance with the requirements of AAU.
2. Preparing and updating student records.
3. Announcing timetables in accordance with the Academic Calendar.
4. Taking all necessary arrangements for students' course registration, adding, and dropping.
5. Issuing AAU student ID cards.
6. Following up and the implementation of all study plans.
7. Following up and the implementation of AAU's regulations of conferring academic degrees.
8. Receiving, checking, and keeping final exam results.
9. Calculating CGPA and SGPA as well as announcing students' results.
10. Providing students with transcripts and relevant documents.
11. Checking the files of students, study plans, and CGPA when students are close to graduation.
12. Preparing graduation documents in both Arabic and English.
13. Preparing student-related statistics for the AAU as well as cultural attaches and the Ministry of Higher Education and Scientific Research.

Community Engagement
Although the Admission and Registration Unit is all about serving the students, it does not mean it is enough. The Unit exerts all its effort in trying to find windows of opportunities through which it can help out in the betterment of the local community. These activities include:

1. Exchanging information with embassies and public bodies regarding statistics and prospects.
2. Accepting interns and working closely with them to provide them with the best training possible.
3. Cooperating with other academic institutions regarding registration systems and processes.

Finance Unit

Vision
We aspire to be the leading example in providing financial services and logistics in higher education in the UAE for other institutions to follow.

Mission
Our role is to ensure that AAU benefits from the highest standard of financial, administrative, and resource management. To that end, the Finance Unit is committed to utilizing our expertise to deliver advanced services that offer excellent value to the faculty, staff, and students and ensure an environment which demonstrates respect and encourages the success of each individual in our institution.

Goals and Objectives
1. Promote financial responsibility.
2. Provide quality services.
3. Support the teaching, research, and community service goals of AAU.
4. Maintain safe, clean, and accessible facilities.
5. Provide quality auxiliary services.
6. Promote and maintain the fiscal state of AAU through rational budgets, financial reports, and purchasing policies.
7. Maximize the satisfaction of faculty, staff, and students.

Duties and Responsibility
The main responsibilities of the Finance Unit are:
1. Coordinating the annual budget for AAU;
2. Implementing aspects of sound financial management;
3. Processing Annual, Mid-year, and Quarterly reports;
4. Perform auditing tasks;
5. Handling student payments and tuition fees;
6. Contributing to managing the financial aid fund;
7. Coordinating the purchasing and procurement policies; and, carrying out day-to-day financial matters.

Community Engagement
Like all other units and colleges at AAU, the Finance Unit contributes to the betterment of the society. The Unit welcomes interns from other institutions to learn and train at the different departments of AAU. In addition, it constantly provides advice and consultancy to other institutions as well as companies of the community in matters related to event preparation, budgeting, etc.

Administrative Unit

Vision
The AAU administrative unit pursues to provide the best resources, services and facilities; as well as the latest means of technology in the UAE, region and the Middle East to all AAU members and students leading to an ideal educational environment in which everyone will excel.

Mission
The administrative unit offers essentials services supporting AAU in its pursuit of excellence in teaching, research and community by innovation and action in the development and management of the university physical resources by means of a well-qualified team.

Duties and Responsibility
The Administrative Unit is the backbone of the AAU. The Unit delivers a wide range of services to faculty, staff, and students alike. These include, but are not limited to:

1. supervising student dormitories and transportation services;
2. performing general maintenance for all AAU buildings and equipment;
3. coordinating around the clock security services;
4. renewing buildings' and vehicles' leases;
5. processing purchase orders;
6. running the photocopying centers;
7. supervising distribution and equipping of offices;
8. ensuring the cleanliness, and suitability of the environment on campus and in the surrounding areas;
9. and, providing all other forms of logistic support to facilitate the smooth running of teaching, research, and Community Engagement activities.

Community Engagement
As part of the AAU, the administrative unit seeks all possible means to continuously develop the team and build awareness of the services on campus for students and faculty. As well as to extend the University's support and services to the benefit of the local community.

Students Recruitment Unit

Vision
Our vision is to define the AAU community in terms of its academic programs and various specializations. It looks to create a system of recruiting and communicating with students in an effective way that leads the university to be one of the competitive universities in the country.

Mission
Upgrading the skills and methods of recruitment and communication, maintain strong relation with AAU students, following up with students academic affairs, responding to inquiries, and receiving complaints from students.

Goals and Objectives
- Recruiting and communicating with students in the most effective ways.
- Keep up with the growing technological development in the areas of recruitment and communication.
- Develop the staff skills and improve their knowledge.

Duties and Responsibilities
- Organizing visits to schools, universities and various institutions,
- Participating in educational fairs through which students inquire on the programs offered by the University.
- Guiding and advising students on appropriate specialties to their preferences and the requirements of the labor market.
- Resolving students' problems.
- Responding to students' inquiries and questions.
- Maintaining a strong relationship with the Media.
- Developing healthy relation with other institutes and sectors.
- Exchanging experiences and consulting with various training and development institutions

Community Engagement
We try to be part of the community through several activities such as, participate in extracurricular activities in the community to strengthen the relationship among students. In addition, we participate in national events within the country and try to introduce and develop unique programs to meet the needs of the community.

(26) LIBRARY

About the Library

Khalifah Library provides information in both print and electronic forms and offers guidance, loans and reservations, among other services to the users.
The library houses over 102,000 volumes of books, periodicals, and multimedia. It also has several subscriptions to electronic databases such as e-book central, IEEE, Scopus, etc.
The library follows the Anglo-American Cataloguing Rules and the Library of Congress Classification System. All library services are computerized using an integrated system, MEDAD, which facilitates access to the library catalogues inside and outside the AAU Campus. The main library building in Al Ain provides a spacious and conducive study environment. It has a seating capacity for 210 visitors. In addition to the wireless connection, the library has 56 computers for the internet use and database search, and 17 discussion rooms. For Abu Dhabi branch, the library is equipped with 227 seats, 42 study or discussion rooms, 58 computers with full internet access, and wireless connection. Connection to high Internet speed, availability of management systems, and provision of online databases for digital books and digital journals allow AAU libraries to satisfy information needs of faculty members and students at any time. Therefore, AAU students and faculty members are advised to make use of library digital resources and services provided on AAU library website.

Library Regulations

AAU faculty members, administrative staff, and students are entitled to take advantage of the services offered by the library. Visitors from outside the university are allowed to make use of the library services for a registration fee of AED 10 and AED 1000 refundable deposit.

The library offers its services from 8:00 am to 5:30 pm Monday through Thursday; on Friday the library is open until 12:00 noon. The library is closed on Saturdays, Sundays, and public holidays.

All library users are to abide by the followings:

I. Maintain a quiet environment in the library;
II. Present the student's ID when required;
III. Leave the books on the table when done with them;
IV. Not to use mobile phones inside the library;
V. Not to smoke inside the library;
VI. Not to eat or drink inside the library.

Library Services
The library conducts courses and training programs to enable users to effectively use the resources and services available at the library. The library offers the following services:

Lending Services
Users can borrow from the library as follows:

I. A faculty member can borrow 15 books for 120 days;
II. A graduate student can borrow 12 books for 14 days;
III. An undergraduate student can borrow 7 books for 7 days.

Users are to abide by the regulations governing lending services as follows:

I. Borrowed materials are to be returned by the end of the lending period to avoid paying a fine. Users will not be allowed to borrow library materials until the fine is paid.
II. Borrowed materials can be renewed through the library website, email, by phone, or by bringing the materials into the library before the end of the lending period.
III. If the material borrowed is lost or damaged, an amount of double the price of the material is to be paid, or the damaged material is to be replaced by the user.

Reservation of Library Materials
Library users may reserve available resources by visiting the library, through the website, or by telephone. The validity of the reservation is three days only.

Inter-library Loan(s)
The library offers Inter-library loan and document delivery services to the members. Some materials especially articles which are not available locally may be obtained from overseas. The service may be charged for where necessary.

E-search Services in the Library
Library users may search the library collections through the use of automated catalogues to obtain the location of the required book or article by the classification number, and to get all the information on this item and whether it is on loan, reserved, etc.

Databases and the Internet Search Service
The library has subscriptions to databases that support all the university disciplines and users can take advantage of these databases at any time both on-campus and off-campus.

Library Collections
The library contains seven (7) categories of collections: general references, textbooks, basic references, multimedia, reserved books, periodicals, and digital resources.

General References: This category represents the major part of Library's collections. It includes items that can be checked out and used in research and scientific projects.

Textbooks: Include all the textbooks and related materials.

Basic references: These include dictionaries, encyclopedias, manuals, handbooks, bibliographic data, yearbooks, etc…

Multimedia: These include audio-visual materials (cassettes, videos, CD-ROM, DVD, etc…)

Reserved materials: These are rare or very important materials, such as theses, research papers, illustrated books, official publications, and small-sized publications.

Periodicals: These include scientific and non-scientific, local and international journals, magazines, newsletters, newspapers...etc.

Digital Library: Consists of e-books, e-journals, e-magazines, e-newspapers, accessible through the library website.

Glossary of Terms

Bibliographies: Reference publications which compile intellectual output and categorize (books, periodicals, printed, and non-print materials) at the national, regional, and international levels.

Biographies: Publications containing a brief or detailed account of the lives of people and their achievements.

Indexes: Reference publications concerned with articles and materials of scientific journals, both general and specialized, as well as newspaper articles, writers, and themes. Indexes facilitate obtaining articles, studies and news for readers and researchers quickly and easily.

Call Numbers: a call number represents an items subject matter and indicate the location on the shelf.

Manuals: Publications providing information on institutions, organizations, and scientific bodies.

Periodical: A publication published at regular intervals, and has one clear and distinct title which appears on the first page of each of its issues. A number of writers and scholars take part in writing the articles of the periodical.

Theses/Dissertations: Scientific work submitted by a graduate student to obtain a Masters or a Doctorate degree.

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