جامعة العلوم والتقنية في الفجيرة
UNIVERSITY OF SCIENCE & TECHNOLOGY OF FUJAIRAH

USTF

University Catalog

2021-2022

صاحب السمو الشيخ خليفة بن زايد آل نهيان

رئيس دولة الإمارات العربية المتحدة

HIS HIGHNESS SHIEKH KHALIFA BIN ZAYED AL NAHYAN
PRESIDENT OF THE UNITED ARAB EMIRATES

صاحب السمو الشيخ حمد بن محمد الشرقي
عضو المجلس الأعلى حاكم الفجيرة

سمو الشيخ محمد بن حمد بن محمد الشرقي
ولي عهد إمارة الفجيرة

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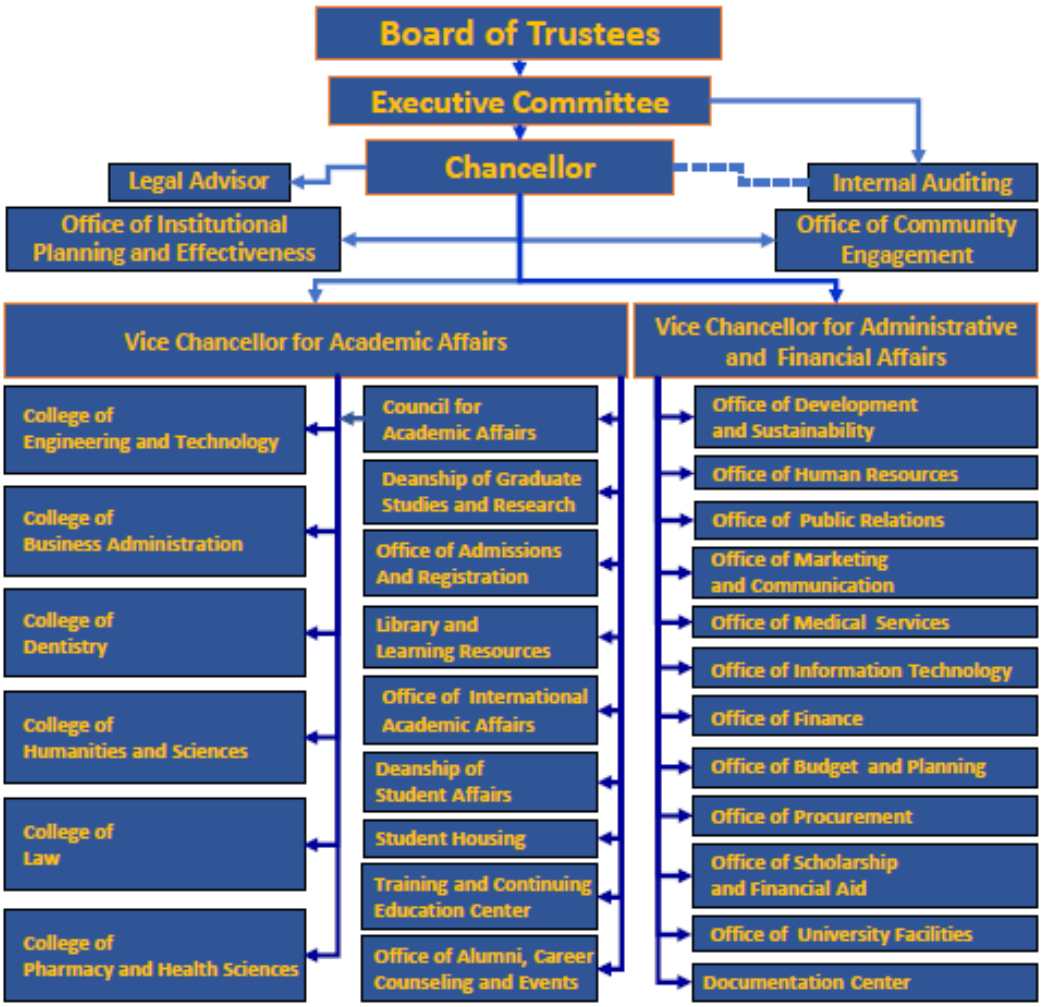
1 | General Information

1.1 USTF Organization Chart



1.2 Message to USTF Students

University Catalog can be used as a quick-reference guide to student life at USTF as it provides answers to many of the questions that students, parents and general public ask. It gives general information about the University, the programs offered by each of the six colleges in USTF, admission and registration procedures, and the key regulations that are relevant to students and future graduates.

1.3 USTF History

The establishment of University of Science and Technology of Fujairah (USTF) comes as a response to the importance His Highness Sheikh Khalifa bin Zayed Al Nahayan, President of the United Arab Emirates (UAE), attaches to education, and in particular to higher education. In light of this, and to assist the development of the UAE and the region, His Highness Sheikh Hamad bin Mohamed Al Sharqi, Member of the Supreme Council, Ruler of Fujairah, gave his blessing to the foundation of USTF as a full-fledged and independent university.

University of Science and Technology of Fujairah (USTF) replaced Ajman University (AU) - Fujairah Campus, which was launched in 2000. The timing of the launch of the University made it a pioneering force on the higher education scene as it was the first private university established in the eastern region of the UAE. The history of the University demonstrates its efforts to promote high quality in education and to serve the needs of the region. As an independent university, USTF will continue to remarkably enhance and solidify its elite reputation among national and regional universities.

Accreditation and Licensure

University of Science and Technology of Fujairah (USTF) is a licensed university from Commission for Academic Accreditation (CAA), and its academic programs are accredited by the CAA of the Ministry of Education (MOE) in the United Arab Emirates (UAE).

1.4 USTF Vision, Mission, Core Values and Goals

USTF Vision

University of Science and Technology of Fujairah (USTF) aims to be a proactive university in creating and integrating cutting-edge learning, impactful research, and effective community engagement to serve the people of the UAE and beyond.

USTF Mission

University of Science and Technology of Fujairah (USTF) is a multicultural university offering a wide range of academic programs that satisfy the needs of students, alumni, labor market and the community. USTF formulates and implements a research strategy to strengthen its recognition and profile and to enhance research impact on society. USTF develops graduates with creative minds, high level of professional skills and social responsibility to contribute to the sustainable development of the UAE, the region and the world.

USTF Core Values

- **Excellence:** USTF upholds the highest standards to achieve academic excellence in teaching, learning and research.
- **Integrity:** USTF demonstrates honesty, trustworthiness, reliability, transparency and accountability in all interaction with individuals and groups.
- **Respect and Tolerance:** USTF practices equity and fairness by listening to understand and support shared governance, inclusion and diversity.
- **Collaboration:** USTF is committed to reciprocal cooperation developed through consultation to build strong relationships with communities.
- **Innovation:** USTF supports creative activities and productive initiatives for the greatest benefit of mankind.
- **Social Responsibility and Happiness:** USTF promotes community engagement, sustainability, and positivity to satisfy the needs and well-being of the community.

USTF Goals

Goal 1: Promoting excellence of education in an inspiring environment of teaching and learning.

Goal 2: Performing high quality, applicable and impactful research and intellectual contribution.

Goal 3: Recruiting qualified diverse students, enriching their experiences and serving their various needs in a student-centered environment

Goal 4: Building reciprocal relationships and long-lasting ties with external communities.

Goal 5: Achieving operational excellence in university services.

2 | USTF Programs and Admission Requirements

All programs offered by University of Science and Technology of Fujairah are accredited by Ministry of Education (MoE), United Arab Emirates. The following table list all current programs and the their admission requirements:

Table2.1 USTF Accredited Academic Programs and Admission Requirements

College	Academic Programs	Total Credit Hours	Certificate and percentage required for admission			EmSAT requirement
			Elite Stream	Advanced Stream	General Stream	
Engineering and Technology	Bachelor of Science in Electrical Engineering / Electronics and Communication	142	75%	80%	NA	EmSAT English (1100) or an equivalent test[1] , EmSAT Math (900), EmSAT Physics (800) , EmSAT Arabic (600)[4]
	Bachelor of Science in Electrical Engineering /Power and Renewable Energy	142	75%	80%	NA	EmSAT English (1100) or an equivalent test[1] ,EmSAT Math (900), EmSAT Physics (800), EmSAT Arabic (600)[4]
	Bachelor of Science in Information Systems /Project Management	123	65%	65%	70%	EmSAT English (1100) or an equivalent test[1], EmSAT Arabic (600)[4]
	Bachelor of Science in Information Technology / Cyber Security	123	70%	70%	75%	EmSAT English (1100) or an equivalent test[1], EmSAT Arabic (600)[4]
	Bachelor of Science in Information Technology/ Data Analytics	123	70%	70%	75%	EmSAT English (1100) or an equivalent test[1] , EmSAT Arabic (600)[4]
	Bachelor of Interior Design	134	65%	65%	70%	EmSAT English (1100) or an equivalent test[1] , EmSAT Arabic (600)[4]
Business Administration	Bachelor of Science in Management	126	70%	70%	75%	EmSAT English (1100) or an equivalent test[1] , EmSAT Math (600), EmSAT Arabic (600)[4]
Humanities and Sciences	Bachelor of Arts in Sociology and Social Work	126	60%	60%	65%	EmSAT English (950) or an equivalent test[2] , EmSAT Arabic (1000)
	Bachelor of Arts in Psychology	126	60%	60%	65%	EmSAT English (950) or an equivalent test[2] , EmSAT Arabic (1000)
	Bachelor of Arts in Mass Communication/ Public Relations and Advertising	126	60%	60%	65%	EmSAT English (950) or an equivalent test[2] , EmSAT Arabic (1000)
Pharmacy and Health Sciences	Bachelor of Pharmacy	167	80%	85%	NA	EmSAT English (1100) or an equivalent test[1] , EmSAT Math (900)[3] , Two out of EmSAT Chemistry, Physics, Biology (900)[3], EmSAT Arabic (800)[4]
Dentistry	Bachelor of Dental Surgery	200	80%	85%	NA	EmSAT English (1100) or an equivalent test1 EmSAT Math (900)[3] , Two out of EmSAT Chemistry, Physics, Biology (900)[3], EmSAT Arabic (800)[4]
Law	Bachelor of Law	132	75%	80%	85%	EmSAT English (950) or an equivalent test[2], EmSAT Math (800), EmSAT Arabic (1000)

1 EmSAT in English language with a score of 1100, or an equivalent TOEFL (500) or Academic IELTS (5).

2 EmSAT in English language with a score of 950, or an equivalent TOEFL (450) or Academic IELTS (4.5).

3 An EmSAT in Mathematics or equivalent, plus EmSAT in two of the three science subjects (Chemistry, Physics, Biology), with the score specified for each accademic program. In case of EmSAT scores in Mathematics and two science subjects are not available, a candidate shall sit for an equivalent Admission Exam designed by the University, which includes Chemistry, Physics, Biology, Mathematics.

4 A. Non-native Arabic speakers, who have not achieved the required score in Arabic language, shall enroll in a non-credit "Introduction to Arabic Language" course at the University. B. Students graduating with UAE or equivalent certificates, who have not achieved the required score in Arabic language, shall be conditionally accepted subject to pass an EmSAT test in Arabic language with the required score for the academic program.

Notes: For secondary school certificates that do not follow the UAE ministerial curriculum, an equivalency letter from the Ministry of Education in the UAE should be submitted. Students who hold agricultural, industrial, technical, commercial, vocational and religious secondary school certificates are eligible for admission to all degree programs offered to holders of General Stream secondary school certificates. Students should also pass/fulfil any other admission condition set by the respective college.

3 | Admission and Registration

Applications for admission can be submitted online to the Office of Admissions and Registration prior to the beginning of each semester. To be eligible for admission, a student must have a secondary school certificate issued in the UAE, or its equivalent as approved by the UAE Ministry of Education (MOE). The USTF Council for Academic Affairs (CfAA) determines the number of students to be admitted to each degree program each semester, according to the university's available resources, in light of the CAA ceiling (the number of students admitted to each degree program decided by the CAA of the MOE in the UAE).

3.1 General Admission Conditions

Holders of UAE Secondary School Certificate

Elite and Advance Streams

- Holders of a Secondary School Certificate (SSC), Elite Streem or Advanced Stream (MOE), or equivalent, are eligible for admission in any college of the University if they satisfy the admission requirements for the degree program illustrated in Table2.1.

General Stream

- Holders of a Secondary School Certificate (SSC), General Stream (MOE), or equivalent, are eligible for admission in colleges of Engineering and Technology, Business Administration, Humanities and Sciences, and Law, if they satisfy the admission requirements for the degree program illustrated in Table 2.1.

The decision to admit a student is made on a competitive basis, taking into account the number of available seats as determined by the individual college and the applicant's final secondary school examination score.

Holders of Foreign Secondary School Certificates

Applications made by holders of foreign secondary school certificates will be considered in case of compliance with the terms and conditions metioned in the Ministrial Decision Number 4443 for the year 2001, and the Ministrial Decision Number 199 for the year 2019, regarding the Equivalency of Foreign Secondary School Certificates obtained inside or outside the UAE (Link:https://u.ae/ar-ae/information-and-services/education/school-education-k-12/joining-k-12-education/equalising-high-school-certificates). USTF accepts students holders of foreign secondary school certificates, subject to:

- The certificate is awarded after at least 12 years of schooling.
- Submission of an equivalency certificate from the MOE in the UAE.

3.2 Language Proficiency

Full admission to programs is given only to applicants who has the required minimum scores of EmSAT English and Arabic or equivalent for the different programs as illustrated in Table 2.1. Equivalent scores of the EmSAT English 1100 are the TOEFL 500

(paper-based test), 61 in TOEFL (iBT), ; Band 5 in IELTS (Academic). English Proficiency scores are accepted only if they were obtained less than two years from the admission date. Institutional TOEFL score is considered only when the test is taken at an AMIDEAST Center.

Students who do not satisfy the mentioned minimum Language proficiency requirement, illustrated in Table 2.1, may begin their studies with a conditional admission. During their first semester, they will be required to enroll in the Intensive EmSAT Program (IEP) offered by the College of Humanities and Sciences, until they obtain the required English and/or Arabic EmSAT scores, or their equivalents.

3.3 Admission on Probation

According to the CAA directions regarding Accreditation of Foundation Programs for Undergraduate Admission, USTF does not accept applicants holding a high-school score below the required admission score less than 60%. However, USTF can accept on probation basis students holding MOE-accredited higher diploma certificate, subject to achieve an overall Cumulative Grade Point Average (CGPA) of C at the end of their first semester at the University.

3.4 Re-Admission

3.4.1 New students who have missed two consecutive semesters of enrollment (excluding the summer semester) at the University may apply for re-admission by completing the re-enrollment form which is available from the Office of Admissions and Registration, and must satisfy admission requirements in effect at the time of re-admission. A new university Identification Card (ID) will be issued and the student should pay the non-refundable fee for the application.

3.4.2 Former students who have missed more than two consecutive semesters of enrollment at the University may apply for re-admission provided that they achieve the following:

- The required average in secondary school certificate.
- A valid English Proficiency Certificate with the required score.
- Availability of vacant seats in the major.
- Approval of the College Dean and Director of the Office of Admissions and Registration (OAR).
- Payment of all debts.

A new university ID will be issued, and the student should pay the non-refundable fee for the application. If the Dean of the previous college and the (OAR) accept the student to continue in the same major, the previous courses which the student has studied will be considered if they are included in the new study plan.

Important Notes:

- If the student was warned, he/she must transfer to another program providing that his/her CGPA for the courses to be transferred is 2.0 or higher.
- If the student can graduate within the time allowed for completion of a degree program, re-enrollment of the student with the same ID and in the same program will be considered after the payment of the required fees.

3.5 Transfer Students from Accredit Institutions

Students from accredited institutions of higher education may apply for admission in one of USTF programs in the same field of study if they have been of good academic standing, i.e., their Cumulative Grade Point Average (CGPA) is a least 2.0 on a scale of 4.0, or the equivalent, and if they are eligible to return to their current or formal institution (they have not been subject to disciplinary dismissal). However, those students who have not been of good academic standing (i.e. those with a CGPA of less than 2.0 on a scale of 4.0), will be allowed to transfer only to programs in a different field from the one in which they were enrolled at the institution they previously attended. Any transferred student is required to meet the English Language Proficiency condition.

The transfer of credited courses is considered for students who are transferring to a similar program to the one studied previously if:

1. Their cumulative grade point average is at least 2.0 on a scale of 4.0, or the equivalent.
2. The number of credit hours for the course is not less than that of the USTF equivalent course.
3. The grade obtained on the previous course must have been at least C (2.0 on a 4.0 scale) irrespective of the course status (Satisfactory, Good, etc.), or the grade that corresponds to “Merit/Good” for institutions using a different grading scale.
4. The course content at the institution previously attended should be similar to that of the corresponding course offered at USTF

If the transfer of a student with a CGPA less than 2.0 is accepted in a program within a different field of study, the transfer of credited General Education courses may be considered if points 2-4 listed above are fulfilled. If a student meets these transfer conditions but is unable to submit the course content that was covered previously, he/she may sit an examination set by the College after payment of a fee. The examination result will be used to determine whether the course will be transferred or not.

Only grades obtained from courses taken at USTF will be taken into account in the calculation of a student’s CGPA, i.e.: grades obtained from transferred courses at the previous institution will not be taken into account in the computation of the CGPA at USTF.

It is important to note that USTF does not grant transfer students a degree unless they successfully complete at least 50 percent of the credit hours of the program, including the majority of the final year courses at USTF.

3.6 Documents Required for Admission

- Application form, which may be obtained from the Office of Admissions and Registration, to be filled in by the applicant.
- Equivalency certificate issued by the Ministry of Education in UAE for the holders of non-UAE high school certificate.
- UAE Secondary School Certificate, or its equivalent, and grade transcript. Only certified copies are acceptable.
- Photocopy of a valid passport and a residency visa (if applicable).
- Photocopy of a valid Emirates ID Card (UAE residents only).
- Birth certificate.
- Health certificate.
- Status of UAE National Service for male students.
- Valid certificate of good conduct issued by an official body.
- Six passport-sized photographs with the applicant's full name on the back of each.
- A signed "declaration" by the applicant stating that he/she will observe university rules and regulations.
- If available, certificates of EMSAT scores or equivalent according to the admission requirements of to USTF academic programs listed in Table 2.1.
- Applications will be processed by the Office of Admissions and Registration only after the payment of application and registration fees.

3.7 Certification of Documents

- Newly-admitted students are requested to have their documents certified before the end of the first semester of study; otherwise their registration will be suspended.
- Secondary school certificates obtained in the UAE must be certificated by the UAE Ministry of Education.
- Secondary school certificates obtained abroad must be certificated by the Ministry of Education in the origin country, and by either the Ministry of Foreign Affairs of the country of origin and the UAE embassy in that country, or by the embassy of the country which issued the certificate, and by the UAE Ministry of Foreign Affairs.

3.8 Course Registrations for New Students

- Newly-admitted students who fulfill the admission requirements illustrated in Table 2.1., will be allowed to register between 9 and 18 credit hours according to their study plan.
- Newly-admitted students who did not fully fulfill the admission requirements illustrated in Table 2.1. will be allowed to register according to a the Undergraduate Admission Policy (Appendix 1).
- Once a student's selected courses have been approved by the academic advisor, and on payment of the tuition fees, the student will be given a timetable which states the name of each course, the schedule of classes, the name of the lecturer and the number of the classroom or the laboratory in which the course is held.

3.9 Course Registration for Continuing Students

Colleges encourage non-warned students to use the early registration period to select courses in consultation with their academic advisors. The early registration period is specified in the academic calendar. Warned students and students who did not benefit from the early registration phase can register during the registration week.

Registered USTF students may take some courses outside USTF provided that they obtain the prior approval of the College Dean and Office of Admissions and Registration. Acceptance of the transfer of external courses is conducted according to the Tansfer Admission Policy.

3.10 Adding and Dropping Courses

Students may add or drop courses only with the approval of their academic advisors. Students who add and drop courses during the approved period will not lose the fees paid for dropped courses. When adding/dropping courses, students should bear in mind that the minimum number of credit hours for which they may register is nine. The academic calendar specifies the period allocated for dropping courses without affecting the student's academic record, but without refund of fees. The academic calendar also specifies the last date for withdrawal from a course with a "W" grade without refund of fees. In this case, the course appears in the transcript with the letter "W" with no effect on the computation of the semester Grade Point Average GPA.

3.11 Study Load

A student's "study load" is the number of credit hours for which he or she is registered during the semester. For the fall and spring semesters, the study load varies from 9 to 18 credit hours, where one credit hour refers to one lecture hour or two hours of practical study per week, lasting for fifteen weeks. For summer semesters, the study load varies from three to six credit hours. Students may increase their study load by three credit hours if they are expected to graduate at the end of the semester and theri CGPA is at least 2.0

A student's study load is up to six credit hours in a summer semester. However, independently of their academic standing, students will not be allowed to sign up for more than 9 credit hours during the two summer semesters of the academic year. the Undergraduate Admission Policy

3.12 Time Allowed for Completion of a Degree Program

The maximum time allowed for a student in which he/she may complete a degree program is a maximum of double the regular number of required semesters. In other words, a four-year bachelor degree must be completed in a maximum of 16 regular semesters of enrolment in the program. The minimum time allowed to complete a degree for non-

transfer students is a minimum of six regular semesters for four-year programs and six regular semesters for five-year programs.

The maximum and minimum number of semesters of enrolment for transfer students is determined after the deduction of the number of earned/transferred semesters (15 credits correspond to one semester) from the above limits. Suspended semesters are not counted in the time allowed for students to complete their degree.

3.13 Suspension of Registration

Newly-admitted students can suspend their study only in their first semester, and they should register courses in the next semester. Otherwise, he/she should apply for new admission. The total number of semesters for former students that can be suspended is four. However, suspension of registration for more than two consecutive semesters is not allowed. In all cases, the Office of Admissions and Registration should be notified in writing.

3.14 Right to Cancel Registration

The University reserves the right to cancel an offer of admission if the applicant fails to satisfy all requirements, or if it is found that admission was obtained through the use of incomplete, falsified or altered information. In the case of withdrawal of registration from a matriculated student, credits earned at USTF will be withheld and no transcript will be issued to the student.

3.15 Change of Major for New Students

First-semester students may apply to transfer from one major to another within the University during the add and drop period. The application is processed through the Office of Admissions and Registration provided that:

1. The applicant meets the admission requirements of the degree program to which he/she is applying.
2. There is availability of seats.
3. Approval of the deans of both colleges concerned is obtained, along with approval from the Director of the Office of Admissions and Registration.

3.16 Transfer between Programs

Students may transfer from one program to another within the University provided that they satisfy items 2 and 3 of section 3.15. In addition, they must satisfy the following:

1. The preceding semester's GPA should be equivalent to that required by the new program; and
2. The application for transfer should be submitted within the period specified in the academic calendar.

3.17 Orientation for New Students

USTF gives special attention and assistance to new students to ease the transition between life at high-school and that of the University. At the beginning of each semester, USTF organizes orientation sessions for new students which enables them to meet the Vice Chancellors, Deans of the Colleges, Admission and Registration personnel and Deanship of Students Affairs staff. This orientation also provides students with essential information about course registration, academic advising, important deadlines and other related matters.

4 | Academic Advising

As part of its dedication to academic success, USTF is committed to offering high quality academic advising in order to help students in the development and pursuit of academic objectives consistent with their life goals. Academic advising is an ongoing process that connects students to the University to empower each student with knowledge, resources and skills that will lead to academic success and lifelong desire to learn inside and outside the classroom.

USTF Academic Advising Policy Postulates that:

1. All students shall be informed of the advising policy and advising process during the initial orientation and be directed to an appropriate advisor;
2. All students shall be assigned advisors;
3. All students on probation must be given regular advising each semester;
4. All students expected to graduate must be advised at least twice every semester of their final year;
5. Career counseling and student counseling shall be made available to all students;
6. Advising by faculty members for all new and continuing students shall be provided every semester;
7. Assessment of department advising shall be carried out, by USTF Office Institutional of Planning and Effectiveness (OIPE), every semester as a part of the whole program assessment;
8. Academic department advising shall be assessed and reviewed every year;
9. Funding and resources shall be made available to all units to ensure effective and efficient advising at all levels~~;~~. Training shall be provided for all advisors and peer mentors;
10. Accurate information shall be posted and maintained on the university website.

The Goals of Academic Advising are to:

1. Help students take the right decisions in choosing an appropriate course of study that is aligned with their interests, abilities and that meets their academic and life objectives;

2. Answer questions raised by students and ensure that they are aware of the consequences of their choices;
3. Ensure that all students are aware of resources, services and educational opportunities at USTF that may be pertinent to their educational goals;
4. Provide information on university policies and procedures;
5. Facilitate the resolution of academic problems, conflicts and concerns, as appropriate;
6. Refer students, as necessary, to other resources, departments or personnel;
7. Encourage students to be creative in their academic choices;
8. Provide a forum for interaction and guidance about life and academic matters;
9. Collect data about students' needs, expectations and aspirations.

5 | Academic Evaluation and Assessment

5.1 Course Assessment

In each registered course, a student's performance is assessed according to a procedure established by the college concerned, and explained in the course plan. The overall score is normally distributed as follows: (a) Semester tests and activities (50%), (b) Mid-Semester examination (20%), and (c) Final examination (30%). The score for semester tests and activities includes marks for tests, quizzes, assignments, research and laboratory work. The pass mark in each course is sixty percent.

5.2 Grading System

The University adopts the following grading system:

Merit	Grade		Mark
	Point	Letter	
Excellent	4.0	A	From 90 to 100
Very Good (High)	3.5	B+	From 85 to 89
Very Good	3.0	B	From 80 to 84
Good (High)	2.5	C+	From 75 to 79
Good	2.0	C	From 70 to 74
Pass (High)	1.5	D+	From 65 to 69
Pass	1.0	D	From 60 to 64
Fail	0	F	Less than 60

5.3 Semester Grade Point Average

The semester GPA indicates student performance during the semester, and is calculated as follows: the total of the grade point of each course taken in the semester multiplied by its credit hours, divided by the total number of credit hours registered in the semester. For example, if a student obtains the results as set out in the table given below, his/her semester grade point average will be computed as follows: GPA = 54/18 = 3. The following table summarizes the calculations described above.

Subject	Credit Hours	Points	Product of Credit Hours by Point Grade
Mathematics 1	3	3	9
Statistics	3	2	6
Physics I	3	3	9
Islamic Culture	3	4	12
Arabic Language	3	4	12
Psychology	3	2	6
Total	18		54

5.4 Cumulative Grade Point Average

The CGPA indicates the student's average performance over all semesters up to the final or current semester. It is calculated as follows: the total of the point grade of each course taken to date, multiplied by its credit hours, divided by the total number of credit hours taken. If a student repeats a course in which he/she obtained an "F" grade, or does so in order to improve his/her CGPA, the last grade obtained will be considered in the calculation of the CGPA regardless of whether the last grade is higher than the original one or not. However, the original grade will continue to appear in the academic record without affecting the calculation of the CGPA.

The CGPA is also used for academic probation as follows: starting from the end of the second semester of study, if the student's CGPA is less than 2.0, he/she will be regarded as an "academically-warned" student and will be requested to improve his/her academic performance to raise the CGPA to 2.0 or higher.

A student will not be allowed to graduate unless his/her CGPA is at least 2.0, even if he/she has passed all required courses of the program of study. In this case, and in consultation with the academic advisor, the student must repeat a number of courses of the study plan in order to raise his/her CGPA to 2.0 as a minimum.

5.5 Incomplete Grade

Attendance of the final examinations is compulsory. Failure to attend will result in the student failing the course. However, if a student does not attend the final examination due to an emergency and he/she scored at least 30 out of 70 in coursework (tests and midterm examination) the course may be considered as "incomplete." Acceptable evidence for failure to attend a final examination due to an emergency consists of the following:

a. illness certified in a medical report approved by the university Clinic;
b. death certificate of a first or second degree relative;
c. arrest or summons before a court or other legal body; and
d. other excuses accepted by the College Council.

In these cases, the student must complete and submit a request form within the specified period in the academic calendar. He/she also must present the relevant documents to the Office of Admissions and Registration. Applications will be processed only if the student has no financial obligation to the University and has paid the fee for an

"incomplete request." Applications submitted by students with a 25 percent absence warning will not be accepted.

A student whose course result is "incomplete" must take the final examination before the end of the first week of the following semester in which he/she registers, as shown in the academic calendar.

5.6 Examination Re-sits

If a student passes all but one of the courses required for graduation, and if this course is from the last semester, he/she will be allowed to re-register for that course. In this case, there is a charge of 50 percent of the course fees and the student must re-take the final examination before the beginning of the following semester.

5.7 Complaints about Grades

Complaints regarding final examination results must be lodged within a period of 15 days following the announcement of examination results. Students should complete and submit a Complaint Form to the Office of Admissions and Registration after the payment of the required fees. The form will be transferred to the concerned college where an appropriate decision will be made. The Office of Admissions and Registration notifies students, in due course, of the outcome of their applications.

5.8 Attendance Policy

Attending classes is compulsory for all courses. A student will not be allowed to take the final examination if he/she has missed 25 percent of the classes in a given semester. Absence warning policies are set out below:

1. If a student is absent for 10 percent of theoretical and practical class hours, the lecturer will issue a 10 percent absence warning.
2. If a student is absent for 20 percent of theoretical and practical class hours, the lecturer will issue a 20 percent absence warning.
3. If a student is absent for 25 percent of theoretical and practical class hours, the lecturer will issue a 25 percent absence warning and the student will receive the grade of "F."

The Council for Academic Affairs (CfAA) may consider a student's withdrawal from the course if sufficient and convincing reason for the absence is submitted to it by the Office of Admissions and Registration.

5.9 Academic Probation

If a student's CGPA falls below 2.0 in any regular semester, starting from his/her second semester at the University, he/she will receive an academic warning. The Academic Advisor will notify the student to submit a letter of undertaking to raise his/her CGPA to at least 2.0 in the following semester.

A student on probation must raise his/her CGPA to at least 2.0 within two semesters, not including the summer session.

The study load of warned students will be reduced, as follows:

1. **First warning:** a maximum of 15 credit hours of which three or six credit hours are repeated (the priority is to repeat all the courses with grade F, D or D^+ then register for new courses) depending on the CGPA and the previous semester's GPA. If, following the first warning, the student has still failed to raise his/her CGPA to 2.0 or higher at the end of the following semester (excluding the summer semester), the second warning will be issued.
2. **Second warning:** a maximum of 12 credit hours of which six or nine credit hours are repeated (the priority is to repeat all the courses with grade F, D or D^+ then register the new courses) depending on the CGPA and the previous semester's GPA. Study load can be raised by 2 credits at the request of the Dean. If, following the second warning, the student has still failed to raise his/her CGPA to 2.0 or higher at the end of the following semester (excluding the summer semester), the third warning will be issued.
3. **Third warning:** this case will be reviewed by the College Council. The Council may take one of the following actions:
   - Transfer the student to another program provided that his/her CGPA for the courses to be transferred is 2.0 or higher.
   - Allow the student to study outside the University for one academic year (This option is open only for students who can raise CGPA to 2.0). After he/she raises CGPA to 2.0 or above, the student can continue in the same major at the University.
   - If student's CGPA for the courses to be transferred is less than 2.0 and he/she will not be able to raise his/her to 2.0 or higher, even if he/she studied for an academic year outside the University, the student shall be dismissed from the University.

5.10 Graduation Requirements

A student will be awarded a degree subject to fulfilling the following requirements:

1. Completion of all courses of the academic program
2. Completion of practical training as specified in the study plan
3. Obtaining a CGPA of at least 2.0

The merit of the degree is determined according to the following Scaling System for Graduation:

Cumulative GPA	Merit
From 3.8 to 4.0	Excellent with Honor
From 3.6 to less than 3.8	Excellent
From 3.0 to less than 3.6	Very Good
From 2.5 to less than 3.0	Good
From 2.0 to less than 2.5	Satisfactory

6 | Deanship of Student Affairs

The Deanship of Student Affairs (DSA) is responsible for those aspects of student life which extend beyond the classroom. The DSA is committed to encouraging the personal development and growth of students through the organization of a variety of co- and extra-curricular activities, which include cultural, social, sport and entertainment programs. In addition, the DSA is responsible for the provision of a variety of services.

6.1 Divisions of the DSA

Student Counseling and Services

Student Counseling and Services Supervisor is dedicated to helping students address personal or emotional problems that hinder them in achieving a fully beneficial experience at USTF and realizing their full academic and personal potential. Student Counselor utilizes a service system that emphasizes trust, respect, confidentiality, and compassion. Its overall goal is to maximize student success by attending to any emotional or personal needs which may impede learning. Through personal counseling, students learn to take charge of their lives, acquire skills necessary for adjusting to the demands of university life, and overcome difficulties that may prevent them from meeting their academic and career goals.

Student Activities Supervisor

Under the sponsorship of the DSA, Student Activities Supervisor (SAS) organizes many activities that span a wide range of interests, covering social issues, culture, art and sport. The SAS also acts as the central support for the student societies and organizes various student activities.

6.2 Student Role in Institutional Decision Making

The University of Science and Technology Fujairah (USTF) considers its students to be an important element of its operations and events and values their opinions and suggestions. Students can submit their written concerns/suggestions to the Dean of Student Affairs, the Vice Chancellors or to the Chancellor via the appropriate channels.

6.3 Student Societies

A student society is a body elected by USTF students; society activities are supported by the DSA. The goals of these societies are to:

- Encourage student participation in a variety of activities.
- Promote the spirit of cooperation among students, and encourage them to take on responsibility.
- Provide support to new students by advising them and helping them in their new academic life.
- Obtain student input regarding needs and wishes, and pass the information obtained to the DSA.
- Act as a liaison between students and DSA.

- Meet with DSA members on a regular basis.
- Arrange for "acquaintance" meetings among students in order to break down the barrier between new students and the new academic society.
- Promote study ethics among students and encourage them to abide by the rules and regulations of the University.
- Urge students to abide by the morals, principles and doctrines required by UAE Society.

In line with the vision and philosophy of USTF, the DSA arranges a series of developmental, educational and cultural courses for student leaders, with the aim of improving their performance and developing their leadership skills.

6.4 Student Services

The DSA is responsible for monitoring the student services offered by USTF and service providers working within it, such as accommodation, transportation and health care services. The Deanship seeks feedback from students regarding the effectiveness of these services, collected by the Office of Institutional Planning and Effectiveness (OIPE), and uses it to cooperate with the university higher administration and relevant service units for the improvement of these services.

6.4.1 Accommodation

USTF is eager to ensure the success of the education it provides. Female students' accommodation is therefore given high priority, as it plays a key role in student wellbeing and can have a positive impact on academic performance. For this reason, an independent department has been founded which is concerned with every aspect of life in the student accommodation, for example matters of comfort, the mini- market, health club, and the internet. These services are offered at very reasonable prices. The male and female cafeterias are run inside the campus by a third party company which is a well-known in the catering field.

6.4.2 Health Clinic

The university Health Clinic seeks to complement the academic mission of USTF and is dedicated to providing educational, supportive, and consultative healthcare services to students, staff, and faculty. In doing so, the Health Clinic strives to make the campus a healthy and safe place to study, work and live. The objectives of USTF's Health Clinics are to:

1. Provide primary healthcare to students, faculty, and staff.
2. Provide emergency healthcare to female students' accommodation and campus residents during working hours.
3. Support the integration of university services and provide a healthy atmosphere to accomplish the university objective of a disease-free community.
4. Provide high quality integrated health services in a timely manner to generate complete customer satisfaction.

6.4.3 Transportation

The Transportation Unit is responsible for transporting students between the different Emirates and the University as well as between the University and their training places.

The Unit has buses which make students movement easy and comfortable.

This Unit also provides students with transport to activities outside the University, for example visits to scientific and entertainment venues, lectures or conferences. One bus is kept on standby round the clock to cover emergency requirements.

The transportation Unit has defined the regulations governing the use of its buses and the fees student pay in order to ensure systematic and good-quality service. These regulations are distributed to student who choose making use of this facility.

The DSA's role in student transportation is to:

- Coordinate the transportation of students to participate in various activities;
- Assess student views concerning the transportation services offered;
- Solve student problems in cooperation with advisors, who keep the DSA informed of recent developments; and
- Improve the organizational performance in order to achieve high-standard service.

7 | Office of Alumini, Carrer Counseling and Events

The Office of Alumni, Career Counseling and Events endeavors to serve USTF students and alumni by educating them to successfully identify, plan and pursue their career goals. The Office supports the mission of the University by providing quality services which will enhance clients' employment potential, and by liaising with prospective employers. To achieve its mission, the Office is assisted by USTF Alumni Association, a non-profit organization which aims to enhance interaction between the alumni, students, University and community.

The Office of Alumni, Career Counseling and Events aims to:

1. Help new students to select courses appropriate to their career interests and aspirations.
2. Help students and graduates in decision-making, goal-setting and planning for their careers.
3. Offer guidance to students and graduates regarding the skills necessary to meet evolving job requirements.
4. Help students and graduates to acquire effective job search skills.
5. Guide students and graduates to job search resources.
6. Provide USTF with job-market information to aid academic planning.
7. Seek recruitment, internship and voluntary or part-time opportunities for students and graduates through liaison with businesses, governmental bodies and organizations.
8. Establish a plan for assessing the performance of career services and activities.
9. Establish and foster lifelong professional and personal relationships between the University and its alumni.
10. Promote communication between alumni, and between alumni and the University.
11. Promote USTF Alumni Association within the University and engender goodwill, understanding and support for the University in the wider community.
12. Offer alumni opportunity to contribute to and participate in the university's decision-making processes.
13. Establish fundraising mechanisms for the Alumni Association.

8 | Training and Continuing Education Center

The Training and Continuing Education Center (TCEC) supports the vision and strategic plan of USTF by bridging the gap between the academic realm, community and employment market. The TCEC supervises on-campus training courses and field training in close cooperation with site training supervisor in community institutions. The TCEC applies scientific criteria in the performance assessment and makes appropriate decisions that ensure the quality of training course learning outcomes. The TCEC objectives are:

Objective 1: Support student training in the university colleges. This will be done by:

- Coordinating with different colleges for distributing the training course syllabi on trainee students before the start of the training activities.
- Cooperating with concerned colleges to following-up the trainees
- Bridging the gap between UAE public and private institutions and USTF by increasing students' involvement in the work environment to prepare them for the future work.

Objective 2: Provide an effective training environment for intern students, and appropriate work experiences that are suitable to their specialization. This will be done by:

- Choosing an appropriate training institution, UAE public and private institutions, that meet the training objectives.
- Following up trainee students through personal visits or interviews, or by official mail.
- Overcoming the difficulties and problems that might face trainee students.
- Helping of the concerned colleges in their search for new prospects for training institutions and corporations.
- Signing agreements with reputable training institutions.

Objective 3: Prepare intern students capable of demonstrating excellence and achieving distinction in their chosen fields. This will be done by:

- Choosing an appropriate field supervisor such that he/she is aware of his/her responsibilities, which is defined in the internship manual of the college in which the student is enrolled.
- Choosing an appropriate training institution that meet the training objectives.
- Preparing supported internal training programs in cooperation with concerned colleges to enhance students' skills and knowledge.
- Allowing intern students to recognize the latest technologies and methodologies and how to apply them.
- Involving the colleges in the training processes to implement test-training plans and benefit from the outside training institutions related to the students' specialization.

Objective 4: Develop procedures that will ensure the achievement of training goals. This will be done by: Appling scientific criteria in the performance assessment and making suitable decisions that ensure the quality of training output.

9 | USTF Students' Rules and Policies

9.1 Student Rights and Responsibilities

Student Rights

Every student enjoys all rights and freedoms recognized within the University by the Laws of the UAE as long as this does not violate the Codes of Student Conduct.

Every student has the right to fair equal treatment by the University. A student has a right to be free from discrimination based on ethnicity, color, religion, gender, marital status, nationality, language, or personal handicap. However, a distinction, exclusion, or preference based on relevant academic or physical aptitudes required and made in good faith is considered to be non-discriminatory.

All students have the right to have an environment supportive of the university's mission and their own educational goals. Students can function in their daily activities safely and easily. The University is committed to ensuring that adequate measures are taken to protect the security of students on the university campus.

USTF respects the student's right to privacy of personal information. This implies that information disclosed by the student and for the student is considered to be personal; this information will not be disclosed to third parties without the student's consent. A permanent record for each student enrolled in the University is maintained by the Office of Admissions and Registration. The written consent of the student is officially required to disclose his/her academic record. Exceptions are made for parents, sponsors, authorized USTF officials and in compliance with a judicial order.

USTF shall make sure that students know their rights and responsibilities, as well as applicable university policies and procedures. The university's obligation under this section is fulfilled when the University makes copies (hard or on the university website) of the Student Handbook available to every student upon being admitted to the University.

Students have access to:

- Manage their own affairs, increasing self-awareness, career planning and personal decision making;
- Establish grievance procedures;
- Review activities beyond the classroom, which support intellectual and personal development;
- Reach faculty, academic technology, classrooms, libraries, presentations and other resources necessary for the learning process; and
- Obtain prompt and appropriate responses from the university's colleges and administrative offices.

USTF shall provide students with relevant course information to enable them to make informed course selection.

A student who is accused of a disciplinary offence has the right to present an appropriate defense.

Student Responsibilities:

Students must behave in a manner that is civil and compatible with the university's function as an educational institution. Students are required to obey the rules and regulations of USTF as laid out in the Student Handbook and University Catalog. In particular, students are expected to abide by all rules and regulations expressed in the Codes of Student Conduct. Students are expected to familiarize themselves with these codes and their obligations and responsibilities toward the, University, its faculty and staff, other students and visitors to the University. In USTF's community of learning, disruption of the educational process, destruction of property, and interference with the orderly process of the University, or with the rights of other members of the community, cannot be accepted. In order to achieve its objectives and function properly, USTF has the authority mandate to maintain law and order and to discipline those who are disruptive of the educational process.

9.2 Codes of Student Conduct

All members of USTF are expected to conduct themselves in accordance with the regulations of the University, and the laws of the UAE. In particular, USTF students are requested to play an exemplary and positive role in enhancing the reputation of the University by:

- Demonstrating a clear commitment to their own learning.
- Conforming themselves to all specified time requirements for registration, class schedules, examinations and completion of assignments.
- Ensuring that work presented is their own personal work.
- Ensuring that all information presented to faculty members and administrative staff are accurate and true.
- Conducting themselves in a courteous and proper manner in their dealings with faculty members, employees or other students.
- Meeting their academic advisors regularly.
- Respecting the property of others and of the University.
- Reporting grievances to their academic advisor or the College Dean.
- Avoiding engagement in cheating, plagiarism, disruptive behavior or improper conduct which could damage the reputation of the University.
- Using USTF facilities only for learning purposes.
- Avoiding the use of falsified documents for any purpose related to the University.
- Avoiding distribution of leaflets or collecting signatures on university premises or in the Female Student Hostel without prior authorization.
- Abiding by USTF rules and regulations, and the directives of the academic and administrative staff.
- Acting in a way that will not cause offence to the culture of the UAE.
-

10 | Tuition Fees and Financial Regulations

USTF operates on a fully credit-based fee structure in addition to other fees. The University reserves the right to increase the tuition and other fees, up to 10% per academic year when deemed necessary. All students who register for courses incur a financial obligation to USTF. Students are responsible for all charges incurred at USTF. Failure to attend classes does not constitute withdrawal from the institution or a class. Students will only be permitted to register for a subsequent semester if they have paid all their financial obligations.

10.1 Application and Registration Fees

The application and registration fees for undergraduate programs is AED 1,300. The fee should be paid in cash in one installment upon registration, and is not part of the tuition. The application and registration fees are non-refundable, except when the application is rejected in which case an amount of AED 1,000 will be refunded to the student.

A student who wishes to apply for transfer from another accredited institution will pay a non-refundable fees of AED 500. These fees shall be considered part of the application and registration fees if the student is admitted in University of Science and Technology of Fujairah.

10.2 Tuition Fees

Credit Hours for Bachelor Programs

Tuition fees for the Bachelor programs offered at the USTF are as follows:

College	Bachelor Program	Fee per one credit hour
College of Dentistry	Bachelor of Dental Surgery	AED 2,000
College of Pharmacy and Health Sciences	Bachelor of Pharmacy	AED 1,500
College of Law	Bachelor of Law	AED 1,100
College of Engineering and Technology	B.Sc. in Electrical Engineering	AED 1,300
	B.Sc. in Information Systems	AED 950
	B.Sc. in Information Technology	AED 950
	B of Interion Design	AED 1,300
College of Humanities and Sciences	B. A. in Sociology and Social Work	AED 1,025
	B.A. in Psychology	AED 1,025
	B. A. in Public Relations and Advertising	AED 1,025
College of Business Administration	B. Sc. in Manabement	AED 950
General Education Courses		AED 1,150

Laboratory, Clinic and Studio Fees

Students registered in the programs offered by the College of Dentistry, College of Pharmacy and Health Sciences, and Department of Interior design pay a flat semester fee for specialized laboratory sessions and clinics as shown in the table below:

	College Dentistry			College of Pharmacy and Health Sciences	Department of Interion design
	1st -3rd year	4th and 5th years			
Fees	AED 4,000	Clinics	Productive Lab		
		AED 6,000	AED 3,000	AED 2,600	AED 1,500

These fees do not include lab fees of courses of proposed sequence of study (study plan) offered by other college.

Students registered in the program of Bachelor of Arts in Public Relattion and Advertizing will pay a studio fee of AED 1,025 per semester for each registered course having Radio /TV session.

Orientation Session Fee

New students pay a fee of AED 1,150. At the beginning of the first semester, USTF organizes an orientation session for new students which enables them to meet the Vice Chancellors, Deans of the Colleges, Admission and Registration personnel and Deenship of Student Affairs staff. This orientation also provides students with essential information about course registration, academic advising, important deadlines and other related matters.

10.3 Additional Fees

- Additional lab fee for each registered course having lab sessions offered by colleges other than College of Dentistry and College of Pharmacy and Health Sciences: AED 650
- Additional fee for courses having a tutorial session: AED 550
- Additional fee for graduation project courses in the Information Technology and Information System programs: AED 600
- Additional fee for graduation project courses in the Electrical Engineering Program: AED 550
- Additional fee for internship courses: AED 800
- Student service fee per semester: AED 300
- Application fee for an incomplete course: AED 500
- Reference letter: AED 30
- Extra copy of the academic transcript: AED 100
- Grade grievance application: AED 100
- ID card, per academic year: AED 25
- Additional fee of AED 500 per each registered course taken as independent studies.
- AED 200: penalty for each bounced cheque.

The University may and reserves the right to increase the tuition and other fees up to 10% per an academic year when deemed necessary.

10.4 Payment Terms

A student should pay AED 4,000 in advance as a deposit in order to register in fall/spring semesters (AED 2,000 in summer session). Upon registration, the student should pay the tuition fees in full within two weeks from the end of the add/drop period. The Office of Finance has the right to take the necessary action against any student who has not settled his/her due balance of tuition fees, including suspension of registration and ineligibility to attend exam sessions.

The student has an option to settle tuition fees in (3) three monthly installments by providing postdated cheques. To get this privilege, the student should obtain the Office of Finance's approval after filling out the required form. This option is valid for Fall and Spring semesters only.

Tuition for summer semester should be paid in one installment within (2) two weeks from the end of the add/drop period.

10.5 Refund Policy

Add/Drop Period

During the add/drop period students may add or drop courses without incurring charges. If a student adds one or more course(s) during the add/drop period, he/she must pay additional fees for the added course(s) at the time of submitting the application, otherwise the application will be rejected.

If a student withdraws from one or more courses during the add/drop period, the fees of the dropped course(s) will be refunded only after the end of the add/drop period. Alternatively, the student may request that the amount be credited to his/her balance for the following semester.

A student may withdraw from one or more course(s) after the end of the add/drop period, provided he/she remains registered in at least three courses during that semester. In this case, the student does not have the right to claim any refund for the fees of the withdrawn courses.

Suspension of Registration

During the add/drop period a student may submit an application for suspension of registration for one or a maximum of two consecutive semesters. The application should be submitted to the Office of Admissions and Registration. In this case, the full amount of any fees paid shall be credited in full to the student's account for the following semester, or refunded one week after the submission of the refund application to the Student Account Officer (at the Office of Finance).

If the student submits an application for suspension of registration for one or two semesters during the two weeks following the end of add/drop period, he/she shall be

entitled to only 50 percent of the tuition fees of the semester in which he/she submits the application for suspension.

If the student submits an application for suspension of registration after the end of the two weeks following the add/drop period, he/she will not be entitled to claim a refund of any part of the tuition fees of the semester in which he/she submits the application for suspension.

If a student wishes to reclaim any amount from a credit balance, he/she must fill in an Application for Refund Form and submit it to the Student Account Officer (at the Office of Finance) after the end of the add/drop period. A payment cheque will be prepared within one week from receiving the application. If the student fails to do this, the amount will be credited to the student balance for the following semester.

Withdrawal from the University

During the add/drop period, the student may submit an application for suspension of registration and withdrawal from the University. The application should be submitted to the Office of Admissions and Registration. In this case, the student is entitled to a full refund of tuition fees paid for the semester in which he/she submits the application for withdrawal. The refund will be made one week after the submission of the application for refund to the Student Account Officer (at the Office of Finance).

If the student makes an application for suspension of registration and withdrawal from the University within the two weeks following the end of the add/drop period, he/she is entitled to a refund of only 50 percent of the tuition fees for the semester in which he/she submits the application. The student shall not be entitled to claim a refund of any part of the tuition fees if the application for suspension of registration and withdrawal from the University is made more than two weeks after the end of the add/drop period.

Disciplinary Dismissal

A student who is dismissed from the University for disciplinary reasons is not entitled to any refund of tuition fees of the semester of dismissal.

10.6 Tuition Fee Waiver and Scholarships

New students

New students are entitled to a waiver of 20 percent of the tuition fee for the courses in which they register in the first semester of their study, after fulfillment of the English proficiency requirements, if:

- The student obtains a minimum grade of 95 percent in secondary school final examinations (for the College of Dentistry and College of Pharmacy and Health Sciences programs)
- The student obtains a minimum grade of 90 percent in secondary school final examinations (for all other colleges)

Continuing Students

Continuing students are entitled to a reduction of 20 percent of their tuition in a regular semester if they have obtained a GPA of 3.8 or higher out of 4.0, and completed successfully at least 15 credit hours during the previous semester.

Continuing students are entitled to a reduction of 10 percent of their tuition in a regular semester if they have obtained a GPA of (3.6 to 3.79) out of 4.0, and completed successfully at least 15 credit hours during the previous semester.

The university reserves the right to amend the secondary school grade or semester GPA required by students to be entitled to tuition fee reduction.

Sibling Fee Waiver

All sibling students and first degree relatives (parents and full siblings) registered in any undergraduate program are eligible for a fee waiver from 5% to 20% according to their order of registration in the same semester (excluding the summer session), after submitting a request with copies of their passports to the Office of Scholarship and Financial Aid. This fee reduction is not subject to the CGPA condition. It is applicable as follows:

Sibling	Waiver Rate
First	5%
Second	10%
Third	15%
Fourth and above	20%

Performance Fee Waiver

The first-place student from each academic program offered by University of Science and Technology of Fujairah (USTF) is selected based on his/her academic performance at the end of each regular semester (fall and spring semesters). The selected students are granted Academic Excellence Scholarships by exempting them from the tuition fees due in the next regular semester following the semester in which their academic performance was evaluated. The amount of the scholarship is 100% tuition waiver for first place student in each academic program.

The following requirements should be met to be eligible for the discount:

1. Candidates for the Academic Excellence Scholarship must complete at least one-half of the number of credit hours in the study plans of their study programs at USTF and the former Ajman University Campus in Fujairah. The credit hours completed by students at other universities and equated for the by USTF are not considered among the credit hours calculated for each candidate.
2. Candidate students must have a cumulative grade point average (CGPA) of no less than 3.8 out of 4.
3. The first-place student for each academic program is selected from among the candidates according to the highest CGPA.

4. If the candidates are equal in item (3) above, the first-place student for a given academic program is selected from among the candidate students who have completed more credit hours.
5. If the candidate students are equal in items (3) and (4) above, the first-place student for the academic program is selected from among the candidate students who have achieved the highest average credit hours completed in the regular classes.
6. If the candidate students are equal in items (3), (4), and (5) above, the first-place student for each academic program is chosen from among the candidates who achieved the highest average percentage of grades in all the courses he/she has completed at the University during his academic career.
7. If the candidate students are equal in items (3), (4), (5), and (6), the first-place student from an academic program is selected from among the candidates who have achieved the highest total points in the last regular semester.

Top Secondary School Students Waiver

The top three students from secondary schools within the Emirate of Fujairah are entitled to a fee waiver in the first semester of their study only, as follows:

- 100% for the first top student
- 75% for the second top student
- 50% for the third top student

General Notes

- Tuition waiver is applied to tuition fees, for Credit Hours only, during fall and spring semesters. Summer semester is excluded.
- If a student meets more than one of the above, i.e. conditions of fee waiver or scholarship, she/he will not be entitled to benefit from more than one fee waiver at the same time. In this case, the student will be granted the higher fee waiver.
- All fee reductions will be granted on the condition that the student satisfies all admission requirements stated by the Ministry of Education in United Arab Emirates, like English and Arabic proficiency requirements, before the end of the Add and Drop period in the first semester of their enrollment.
- All above-mentioned tuition fee reductions are subject to general eligibility conditions as specified in the University Policies and Regulations. For more details, please contact the Office of Scholarship and Financial Aid.
- All tuition fees are not included taxes (VAT)

11 | General Education Program

USTF has designed the General Education Program (GEP) based on its vision and educational philosophy. It aims at providing students with a variety of competencies associated with a wide range of university requirements intended to lay the ground for their future progress and development, academically as well as professionally. The main purpose of the GEP is to enable students to attain the fundamental broad base of knowledge, skills and competencies that a university educated graduate must have whatever their specific area of their specialization.

General education courses are designed to establish strong, intellectual foundation for all specializations. These courses develop skill acquisition in oral and written communication, information technology, innovation, quantitative analysis, critical thinking as well as certain aspects in the humanities, arts and natural sciences. The GEP also seeks to develop in the students' specific competencies pertinent to enjoying autonomy and responsibility for their learning, interaction with others, pursuing self-development and deploying what they have acquired in real-life situations.

The College of Humanities and Sciences (CHS) at USTF organizes offering of the General GEP, which is a vital component of higher education. Having such a Program will make both the required and elective courses relevant, rich and appropriate. In addition, these courses feature both originality and modernity.

Program Objectives

- Provide USTF students with core knowledge, values, attitudes and skills that will help them succeed in their studies, lives and careers.
- Enhance students' capacity for teamwork and leadership that will help them successfully guide the economic, social and cultural development of the UAE.
- Graduate students who know and value their religion and culture, and who are responsible citizens, while at the same time understand, appreciate and effectively participate in the multicultural diversity of the modern world.

General Education Program Learning Outcomes

On successful completion of the general education program the student will be able to:

Knowledge:

1. **Identify** key concepts and issues in languages, religion, history, society, environmental issues, and natural resources.
2. **Describe** knowledge of basic principles in statistics, information technology, critical thinking and innovation, together with their applications.
3. **Discuss** the reasoning of behavioural, humanities, and art theories.

Skills:

4. **Use** the skills in communication effectively in written and spoken Arabic and English languages.

5. **Analyze** issues, ideas, and events comprehensively before forming a conclusion.
6. **Demonstrate** the need for acquiring, sharing, analyzing assessment, and use of information effectively, ethically and legally.
7. **Apply** knowledge from experiences in multiple disciplines to new, complex situations and decision making.
8. **Develop** skills in critical thinking, solve problems and exploring innovative practices for understanding the impact of technology on the society.

Competence:

9. **Interpret** and present quantitative data to comprehend multiple perspectives and formulate effective actions.
10. **Set** team objectives and take responsibility for team performance to achieve future needs and shared goals.
11. **Attach** to the fast development of the modern societies, smart cities, artificial intelligence and modern technologies.
12. **Explain** the core concepts of sustainable management from local to regional to global viewpoints.

PLOs and QF *Emirates*

QF Strands (level 7)		PLOs											
		1	2	3	4	5	6	7	8	9	10	11	12
Knowledge	Specialized factual and theoretical knowledge and an understanding of the boundaries in a field of work or discipline, encompassing a broad and coherent body of knowledge and concepts, with substantive depth in the underlying principles and theoretical concepts.		✓	✓									
	An understanding of allied knowledge and theories in related fields of work or disciplines and in the case of professional disciplines including related regulations, standards, codes, and conventions.		✓	✓									
	Understanding of critical approach to the creation and compilation of a systematic and coherent body of knowledge and concepts gained from a range of source.	✓	✓	✓									
	A comprehensive understanding of critical analysis, research systems and methods and evaluative problem-solving techniques.	✓	✓	✓									
	Familiarity with sources of current and new research and knowledge with integration of concepts from outside fields.	✓	✓	✓									
Skills	Technical, creative and analytical skills appropriate to solving specialized problems using evidentiary and procedural based processes in predictable and new contexts that include devising and sustaining arguments associated with a field of work or discipline.					✓	✓	✓	✓				
	Evaluating, selecting and applying appropriate methods, procedures or techniques in processes of investigation towards identified solutions.				✓	✓	✓	✓	✓				
	Evaluating and implementing appropriate research tools and strategies associated with the field of work or discipline.					✓	✓	✓	✓				
	highly developed advanced communication and information technology skills to present, explain				✓	✓	✓		✓				

	and/or critique complex and unpredictable matters												
Aspects of Competence 1. Autonomy and Responsibility	Can take responsibility for developing innovative and advanced approaches to evaluating and managing complex and unpredictable work procedures and processes, resources or learning.									✓	✓		
	Can manage technical, supervisory or design processes in unpredictable, unfamiliar and varying contexts.									✓	✓		
	Can work creatively and/or effectively as an individual, in team leadership, managing contexts, across technical or professional activities.									✓	✓		
	Can express an internalized, personal view, and accept responsibility to society at large and to socio-cultural norms and relationships.									✓	✓		
2. Role in Context	Can function with full autonomy in technical and supervisory contexts and adopt paraprofessional roles with little guidance.											✓	
	Can take responsibility for the setting and achievement of group or individual outcomes and for the management and supervision of the work of others or self in the case of a specialization in field of work or discipline.											✓	
	Can participate in peer relationships with qualified practitioners and lead multiple, complex groups.											✓	
	Can take responsibility for managing the professional development and direct mentoring of individuals and groups.											✓	
3. Self-Development	Can self-evaluate and take responsibility for contributing to professional practice and undertake regular professional development and/ or further learning.												✓
	Can manage learning tasks independently and professionally, in complex and sometimes unfamiliar learning contexts.												✓
	Can contribute to and observe ethical standards.												✓

Compulsory Courses Contributions to the PLOs

Program Learning Outcomes	Health and Sciences	Information and Emerging Technologies	Humanities and Society
PLO1. Identify key concepts and issues in languages, religion, history, society, environmental issues, and natural resources.	✓	✓	✓
PLO2. Describe knowledge of basic principles in statistics, information technology, critical thinking and innovation, together with their applications.		✓	✓
PLO3. Discuss the reasoning of behavioural, humanities, and art theories.		✓	✓
PLO4. Use the skills in communication effectively in written and spoken Arabic and English languages.	✓	✓	✓
PLO5. Analyze issues, ideas, and events comprehensively before forming a conclusion.	✓		✓
PLO6. Demonstrate the need for acquiring, sharing, analyzing assessment, and use of information effectively, ethically and legally.		✓	✓
PLO7. Apply knowledge from experiences in multiple disciplines to new, complex situations and decision making.		✓	✓
PLO8. Develop skills in critical thinking, solve problems, and exploring innovative practices for understanding the impact of technology on the society.		✓	✓

PLO9. Interpret and present quantitative data to comprehend multiple perspectives and formulate effective actions.	✓		✓
PLO10. Set team objectives and take responsibility for team performance to achieve future needs and shared goals.	✓		✓
PLO11. Attach to the fast development of the modern societies, smart cities, artificial intelligence and modern technologies.	✓	✓	✓
PLO12. Explain the core concepts of sustainable management from local to regional to global viewpoints.	✓		✓

Elective Courses Contributions to the PLOs

Program Learning Outcomes	Health and Sciences	Information and Emerging Technologies	Humanities and Society
PLO1. Identify key concepts and issues in languages, religion, history, society, environmental issues, and natural resources.	✓		✓
PLO2. Describe knowledge of basic principles in statistics, information technology and critical thinking and innovation, together with their applications.	✓	✓	✓
PLO3. Discuss the reasoning of behavioural, humanities, and art theories.	✓		✓
PLO4. Use the skills in communication effectively in written and spoken Arabic and English languages.		✓	✓
PLO5. Analyze issues, ideas, and events comprehensively before forming a conclusion.		✓	✓
PLO6. Demonstrate the need for acquiring, sharing, analyzing assessment, and use of information effectively, ethically and legally.	✓	✓	✓
PLO7. Apply knowledge from experiences in multiple disciplines to new, complex situations and decision making.		✓	✓
PLO8. Develop skills in critical thinking, solve problems and exploring innovative practices for understanding the impact of technology on the society.		✓	✓
PLO9. Interpret and present quantitative data to comprehend multiple perspectives and formulate effective actions.		✓	✓
PLO10. Set team objectives and take responsibility for team performance to achieve future needs and shared goals.	✓		✓
PLO11. Attach to the fast development of the modern societies, smart cities, artificial intelligence and modern technologies.	✓	✓	✓
PLO12. Explain the core concepts of sustainable management from local to regional to global viewpoints.	✓		✓

Offered General Education Courses

Every USTF student is required to complete 24 credit hours in courses independently of their specialization. The courses covering the following areas: Health and Sciences, Information and Emerging Technologies and Humanities and Society. The CHS is responsible

for offering 15 credit hours of university compulsory courses, listed in the table below, and 9 credit hours of university electives courses to be chosen from wide variety of general education courses.

List of the university compulsory courses (15 credit hours)

Course Code	Course Name		Credit Hours
	English	عربي	
ISL111	Islamic Culture (For Arabs)	الثقافة الإسلامية (الطلبة العرب)	3
ISL112	Islamic Culture (For Non-Arabs)	الثقافة الإسلامية (الطلبة غير العرب)	3
EMS111	Emirates Society (Arabic)	مجتمع الإمارات (باللغة العربية)	3
EMS112	Emirates Society (English)	مجتمع الإمارات (باللغة الإنجليزية)	3
ENG111	English Communication Skills	مهارات الاتصال باللغة الإنجليزية	3
ARB111	Communication Skills in Arabic Language (For Arabs)	مهارات الاتصال باللغة العربية (للطلبة العرب)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	مهارات الاتصال باللغة العربية (للطلبة غير العرب)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	الابتكار وريادة الأعمال والاستدامة (باللغة العربية)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	الابتكار وريادة الأعمال والاستدامة (باللغة الإنجليزية)	3

The university electives general education courses are categorized into three groups. Students are required to choose 3 university elective courses (9 credit hours) from these groups (one course of each group):

- Health and Sciences
- Information and Emerging Technologies
- Humanities and Society

Colleges can remove some electives to avoid studying almost the same scientific content in two courses with different names; one is a general education course and the other is a course in the study plan of an academic program offered by such colleges.

1. Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name		Credit hours
	English	عربي	
NUT111	Fundamentals of Human Nutrition	أساسيات التغذية	3
ORH211	Oral Health	صحة الفم	3
AID111	First Aid	الإسعافات الأولية	3
RES211	Research Methodology	مناهج البحث	3
ISH111	History of Science in Islam	تاريخ العلوم عند المسلمين	3
STA111	Statistics (Arabic)	الإحصاء (باللغة العربية)	3
STA112	Statistics (English)	الإحصاء (باللغة الإنجليزية)	3
AST 211	Astronomy	الفلك	3
PHY111	General Physics	الفيزياء العامة	3
BIO111	General Biology	الأحياء العامة	3
CHM 111	General Chemistry	الكيمياء العامة	3
GEO111	General Geology	الجيولوجيا العامة	3
MTH111	Introduction to University Mathematics	مدخل إلى الرياضيات الجامعية	3

2. Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name		Credit hours
	English	عربي	
INF212	Introduction to Information Systems	مدخل إلى نظم المعلومات	3
INT211	Internet Concepts	مفاهيم الإنترنت	3
SOC211	Modern Technology and Society	التكنولوجيا الحديثة والمجتمع	3
INF 211	Information Society	مجتمع المعلومات	2 Theory + 2 Practical
COM111	IT Fundamentals (Arabic)	تطبيقات في الحاسوب (باللغة العربية)	2 Theory + 2 Practical
COM111	IT Fundamentals (English)	تطبيقات في الحاسوب (باللغة الإنجليزية)	2 Theory + 2 Practical
EDT211	Educational Technology	تكنولوجيا التعليم	3
ETH111	Academic and Technological Ethics	الأخلاقيات الأكاديمية والتكنولوجية	3
ART 211	Introduction to Digital Photography	مدخل إلى التصوير الرقمي	3
GIS211	Applications of Remote Sensing and GIS	تطبيقات الاستشعار عن بُعد ونُظُم المعلومات الجغرافية	3
DEG111	Digital Marketing	التسويق الرقمي	3
CGR111	Introduction to Graphic Design	مدخل إلى التصميم الجرافيكي	3
FIR111	The Fourth Industrial Revolution	الثورة الصناعية الرابعة	3
ARI111	Artificial Intelligence	الذكاء الاصطناعي	3

3. Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name		Credit hours
	English	عربي	
ISH211	Islamic Civilization	الحضارة الإسلامية	3
THI211	Critical Thinking	التفكير الناقد	3
PSY101	Introduction to Psychology	مدخل إلى علم النفس	3
LAW100	Introduction to Law	مدخل إلى القانون	3
MGT200	Introduction to Management	مدخل إلى الإدارة	3
ARC 211	Principles of Architecture	مبادىء العمارة	3
ART100	Introduction to Art (Arabic)	مدخل إلى الفنون (باللغة العربية)	3
ART110	Introduction to Art (English)	مدخل إلى الفنون (باللغة الإنجليزية)	3
ART 112	Introduction to Aesthetics	مدخل إلى علم الجمال	3
ARB 113	The Art of Written Expression	فن التعبير الكتابي	3
ENV111	Environmental Science	علم البيئة	3
SOC 111	Introduction to Sociology	مدخل إلى علم الاجتماع	3
Der118	Introduction to Public Relations and Advertising	مدخل إلى العلاقات العامة والإعلان	3
SOC112	Communication Between Cultures	التواصل بين الحضارات	3

Laboratories

USTF has well-equipped laboratories to provide practical hands-on experience to students of all specializations. These laboratories are as follows:

- Statistics laboratories.
- English language laboratories.

The faculty members of the CHS are using the MOODLE Learning Management System (LMS) and Online Learning System (OLS) to enhance the learning process by giving students the opportunity, of accessing the teaching materials while they are away from the University using the internet.

Intensive English Program

The Intensive English Program (IEP) has two strands: TOEFL and IELTS. The student is free to choose either of them. Each of which has two levels: Advanced or Intermediate. Students whose score is between 480 and 499 on TOEFL or Band 4.5 on IELTS are eligible to register in the Advanced Level. Students whose score is between 450 and 479 on TOEFL, or Band 4 on IELTS are eligible to register in the Intermediate Level. The table below summarizes this information:

IEP Organization

Level	TOEFL		IELTS
	Paper-Based	Internet-Based	
Advanced (AD)	480-499	54-60	Band 4.5
Intermediate (INT)	450-479	45-53	Band 4.0

IEP Structure

Level	Organization	Other Courses
Advanced	Contact teaching hours: 6 + 3 for Independent Learning in the English Lab.	Up to 3 additional courses from the General Education Courses
Intermediate	Contact teaching hours: 12 + 3 Independent learning in the English Lab	2 additional courses from the General Education Courses

The Advanced Level Program consists of 9 contact hours per week for 15 weeks. It is suitable to students whose English Proficiency is close to the minimum required level to be admitted in an USTF Program taught in English. It covers the following components:

1. **Listening:** The central object of the listening components is to enhance and develop student competence to enable him/her to understand the English language in both academic and social settings. At the beginning of the listening component, emphasis is given to skills such as understanding conversation, identifying main and detailed ideas, and interacting with other students and lecturers in social settings. Later, more emphasis will be placed on comprehending conversations and talks, taking lecture notes and being aware of the structure of a lecture.
2. **Speaking:** The objective of the speaking component is to enable students to communicate in English appropriately, fluently and successfully in both academic and social settings where they are required to ask and answer questions, agree or disagree, express their opinions clearly with supporting evidence, give presentations and take part in short debates and discussions.
3. **Reading:** The main objective of the reading component is to enable students to become good readers, by developing in them reading skills such as text comprehension, appropriate speed, reading with a purpose, skimming and scanning. To achieve these goals, students will be exposed to a diverse range of text forms and genres.

4. **Writing:** Since writing is viewed as a process, it is imperative that students acquire and develop the different steps of the writing process: generating ideas; organizing ideas; editing and revising. Emphasis is also given to grammatical accuracy, lexical appropriateness, fluency and coherence.
5. **Vocabulary:** Rather than being developed in isolation, vocabulary is integrated into all skills. The main aim of the vocabulary component is to expand and enrich the students' vocabulary repertoire and enable them to acquire academic vocabulary pertinent to their university studies.
6. **Grammar:** Like vocabulary, grammar is not developed in isolation, and is also integrated into the four skills of listening, speaking, reading and writing. The aim of this component is to enable students to acquire both the rules of usage (accuracy) and at the same time to acquire the rules of use (appropriateness) in both spoken and written discourse.
7. **Test-taking strategies:** In addition to the components listed above, test-taking strategies are an essential element and are incorporated into the program.

Courses of the TOEFL programs

Course Code	Seq.	Course Name	Weekly Hours
TOE111	2	TOEFL AD/ Grammar and Test Practice	3
TOE112	2	TOEFL AD/ Independent Learning	3
TOE113	2	TOEFL AD/ Listening, Speaking and Reading	3
TOE114	2	TOEFL INT/ Grammar	3
TOE115	2	TOEFL INT/ Independent Learning	3
TOE116	2	TOEFL INT/ Listening and Speaking	3
TOE117	2	TOEFL INT/ Reading	3
TOE118	2	TOEFL INT/ Test Practice	3

Courses of the IELTS programs

ourse	Seq.	Course Name	Weekly Hours
TEL111	3	IELTS AD/ Independent Learning	3
TEL112	3	IELTS AD/ Listening and Speaking	3
TEL113	3	IELTS AD/ Reading and Writing	3
TEL114	3	IELTS INT/ Independent Learning	3
TEL115	3	IELTS INT/ Listening	3
TEL116	3	IELTS INT/ Speaking	3
TEL117	3	IELTS INT/ Reading	3
TEL118	3	IELTS INT/ Writing	3

Students exit the IEP successfully if they achieve one of the following:

TOEFL			IELTS
Paper-Based	**Computer-Based**	**Internet-Based**	**Band**
500	173	61	5

General Education Program Courses Description

Compulsory Courses (15 Cr. Hrs.)

Islamic Culture (For Arabs): ISL111 (3 Cr. Hrs.)

This course aims at providing students with knowledge about culture, Islamic faith and beliefs, sources of legislation and characteristics of Islam. It will also deal with some

contemporary issues from an Islamic perspective such as human rights, women status, globalization and environment.

Islamic Culture (For Non-Arabs): ISL112 (3 Cr. Hrs.)

This course aims to develop the student's understanding of the Islamic culture and thought. It familiarizes students with the Islamic vocabulary, concepts and values as well with a clear and detailed background on the religion of Islam. This course discusses the concept of culture, introduction to Islam, Islamic faith and beliefs, sources of legislation and characteristics of Islam, and deals with some contemporary topics such as the concept of human rights in Islam, woman status, globalization and environment.

Emirates Society: EMS111 (3 Cr. Hrs.)

This course covers topics related to the nature of UAE society before and after the discovery of oil, and its effect on the political, geographical, cultural, social and educational aspects of national life.

English Communication Skills: ENG111 (3 Cr. Hrs.)

This course aims to satisfy students' immediate needs in the communication in English language in both their academic environment and their future needs as professionals. It covers, among other things: the concept of human communication and its problems; communication and culture; telephoning; interview skills; conducting and participating in meetings; note-taking; presentation skills; knowing audience; developing a positive public image; writing for the web. The course is practically oriented to ensure interactivity by the students playing a very active and constructive role.

Communication Skills in Arabic Language (For Arabs): ARB111 (3 Cr. Hrs.)

The course discusses fundamentals of communication in Arabic regarding its significance, components and goals. The course aims at developing the skills of listening, speaking, reading and writing which students need for their professional and social life. Throughout the course, participants discuss and analyze a variety of literary and scientific texts.

Communication Skills in Arabic Language (For Non-Arabs): ARB112 (3 Cr. Hrs.)

This course aims at providing non-Arab students with communication skills in the Arabic language. It focuses on the following skills: reading, writing, speaking and listening. It also aims at encouraging students to communicate in Arabic in their environment, university and society.

Innovation, Entrepreneurship and Sustainability: IES111 (3 Cr. Hrs.)

This course is developed for the UAE based on decades of practices and experiences of teaching innovation and entrepreneurship at Stanford University that has fueled innovation and high growth in Silicon Valley in California, USA. The goal of the course is to equip the next generation of leaders in the UAE with an innovative and entrepreneurial mindset and its related core skills. The sustainability part of the course is designed to analyze air pollution, the carbon cycle, water and energy and their role in a sustainable future.

Elective Courses (9 Cr. Hrs.)

1. Health and Sciences Group (3 Cr. Hrs.)

Fundamentals of Human Nutrition: NUT111 (3 Cr. Hrs.)

This course discusses the fundamental principles of human nutrition and their application to food selection. Emphasis is placed upon the essential nutrients and their vital importance as well as the recommended dietary allowances and other dietary guidelines, which promote health maintenance and disease prevention. Moreover, it answers the questions how Nutrition can adjust the lifestyle based on what is learned.

Oral Health: ORH211 (3 Cr. Hrs.)

This course defines the responsibilities of the individual within community dental health education with emphasis on the etiology of dental disease, methods for prevention and principles of nutrition in relation to oral health and preventive dentistry.

First Aid: AID111 (3 Cr. Hrs.)

This course aims to teach the skills and knowledge critical to saving life and minimizing the severity of injury or sudden illness. Safety awareness and accident prevention are emphasized.

Research Methodology: RES211 (3 Cr. Hrs.)

The course provides students with some basic tools of research methods in different fields. It covers the research process including formulating research questions, sampling and surveying, measurement (scaling), data organization, data analysis, methods of extracting knowledge from the readable materials, searching for relevant references and writing research reports.

History of Science in Islam: ISH111 (3 Cr. Hrs.)

The course consists of four units. The first elaborates on introductory aspects related to history of science in general and the science in the context of Islamic Culture in particular. This unit includes nature of human knowledge, the term science and scientific method, significance of the recent concern of studying history of science, scientific achievements of ancient nations and the cultural context of the scientific accomplishments of the intellectuals of the Islamic Culture. The second unit is devoted to the achievements of the scientists of this culture in medical sciences and prominent figures in these fields. The third unit concentrates on the field of natural sciences, mathematics and prominent figures in these fields in the context of the Islamic Culture. The fourth unit discuss the agricultural endeavors in the Islamic culture in addition to the impact of this culture on the scientific progress in Europe.

Statistics: STA111 (3 Cr. Hrs.)

This course is designed for students who need to gain skills in the basic statistics knowledge. It covers the essential statistical topics that students are expected to know. It is a basic course where essential material in statistics is covered. The first part of the course deals with data tabulation and calculation of descriptive measures. The second part covers basic concepts of probability, probability laws of addition and multiplication and bays' law. The third part covers some discrete and continuous distribution, where the emphasis is on the Standard Normal Distribution. The fourth part covers the linear regression analysis and correlation.

Astronomy: AST211 (3 Cr. Hrs.)

This course clarifies the significance of astronomy, which aims at understanding mysteries of the universe. The course starts with historical context of astronomy and continues to explore later developments. The course explains the determination of coordinates of the astronomical planetarium and identification of the asteroid’s astrocytes. The course tries to direct our understanding to the ocean (the ground) and beyond (the Solar System and others), and the study of the moon and its relationship to the land. The course describes how calendars are calculated and the phenomena related to its movement (tides, eclipses) are determined. The course also involves determination of prayer timings and geographical trends in the nature with the use astronomical devices, which are used for such purposes, and includes a study of the life of giant stars, nebulae, black holes and white dwarfs.

General Physics: PHY111 (3 Cr. Hrs.)

This course is designed for students who need to gain knowledge about the applications of physics in everyday life. It also focuses on how to use logic and similarities to make difficult problems even simpler before we use mathematics. The course includes a statement of physical rules that govern the means of modern technology (television, radio, microwaves, mobile phones, computers and Global Positioning Systems. It also shows how to get electricity and how to use it, heat physics, food, and motion.

General Biology: BIO111 (3 Cr. Hrs.)

This course provides students with general knowledge in biology. The students are provided with a basic knowledge of chemistry of living materials, the cell structure, types and functions. The students are also provided with good knowledge concerning cell division, general embryology and genetics. A basic knowledge about the morphological features of the tissues and recognize their roles in forming organs and organisms integrates the above information. The students are also provided with brief knowledge concerning human health and common diseases.

General Chemistry: CHM111 (3 Cr. Hrs.)

The course aims to provide students with the basic knowledge of chemical principles needed for the daily life. It deals with the development of life on Earth from its origins (Chemistry of life and Cells) and the characteristics of living things.

General Geology: GEO111 (3 Cr. Hrs.)

A Science includes both theoretical and laboratory components. The course is directed towards anyone who has an interest in earth science. The course involves a survey of all major topics of physical geology, including mineralogy, petrology, crystal chemistry, geologic time, surface processes, volcanic activity, rock deformation, mountain Building and plate tectonics. Field excursions supplement the lecture and laboratory material.

Principles of Mathematics: MTH111 (3 Cr. Hrs.)

This course deals with algebraic equations of degree 1 and 2. It also covers elementary ideas of plane geometry: cartesian coordinates system, equations of line and circles. Linear inequalities and systems of inequalities are also introduced. Basic notions of real functions such as limits, continuity and differentiability are studied along with simple applications. Basic knowledge about matrices and their algebra is also provided.

2. Information and Emerging Technologies Group (3 Cr. Hrs.)

Introduction to Information Systems INF212: (3 Cr. Hrs.)

The purpose of this course is to introduce the topic of information systems and how organizations use it to support a variety of tasks ranging from basic day to day activities to creating competitive edge in the marketplace. It will focus on topics such as business process re-engineering, collaborative computing, electronic commerce, the impacts of information systems upon organizations and society, ethical use of information systems, types of information systems and how to analyze and design information systems.

Internet Concepts INT211: (3 Cr. Hrs.)

This course is designed as an introduction to the Internet and world wide web. It starts by introducing the history of the Internet and includes the use of Internet applications and the basics of web page and web site production, and continues with matters such as Internet security, cookies and viruses.

Modern Technology and Society: SOC211 (3 Cr. Hrs.)

The course starts with defining key terms such as: science, engineering and technology then it deals with the history of technological developments that changed society, philosophical theories of interaction, ethical and legal issues pertinent to the use of modern technology and entrepreneurship in modern technology. In addition, the course describes the roles modern technology play in shaping the lifestyle of individuals and society, the economy and health. Other issues such as: the impact of modern technology on the environment, how individuals interact with technology and immerging and future technologies with their possible effects are also discussed.

Information Society: INF211 (3 Cr. Hrs.)

The course focuses on the information revolution in all fields around the world. It concentrates on the characteristics of the information society, its consequences, challenges and future implications on Arab society under the information revolution and the international information market map.

IT Fundamentals: COM111 (3 Cr. Hrs.)

With the explosion of computer technology, knowledge of computing applications as tools for all disciplines has become a necessary asset. This course is an introduction to the most common software applications and includes hands-on use of microcomputers and some of the major commercial software. These software packages include typical feature such as word processing, spreadsheets, presentations, and other features found in current software packages. On course completion, students will exhibit proficiency with software applications and demonstrate knowledge of computer concepts and components.

Educational Technology: EDT211 (3 Cr. Hrs.)

This introductory course surveys the field of educational technology through the historical development of educational technologies, an overview of modern classroom applications and an examination of trends and issues surrounding the use of technology for teaching and learning.

Academic and Technological Ethics: ETH111 (3 Cr. Hrs.)

The course is concerned about ethical issues related to the misuse of scientific and technological advances, miscommunication of scientific research results, the ethical aspects related to the actual practice of scientists in their scientific endeavors and the lack of ethics in all facets of academic character at all levels of educational standing. The course starts with clarifying the relevance of discussing ethical issues in the present age. Then, it discusses examples of misbehaving by students and instructors in educational institutes at all levels. The course further discusses examples of the random growth of modern technology without paying attention to ethical standards and finally sheds some light on the miscommunication and fraud in research results among scientists. Stress is made on case studies related to aspects mentioned above.

Introduction to Digital Photography: ART211 (3 Cr. Hrs.)

Introduction to the history of fine art photography; color correction; scan and prepare images for printing; adjust contrast and tonality. Review of all relevant tools found in Adobe Photoshop software. Understand managing image files, saving, opening, uploadin and posting. Electronic images… their scaling and use: imaging for the Internet. Gain proficiency with image editing for maximum image impact. File size and print size... how to use layers, adjustment layers and resize images.

Applications of Remote Sensing and GIS: GIS211 (3 Cr. Hrs.)

This course introduces students to the basic elements of spatial sciences, including global positioning system (GPS), remote sensing (RS) and geographic information system (GIS). Students are taught how to locate themselves and determine their direction with a GPS. Students will study data collection, acquisition and processing in a much wider way than the visible spectrum, including: infrared (IR), ultraviolet (UV) and microwave zones of the electromagnetic spectrum in the remote sensing (RS). Finally, students will learn how to capture, store, retrieve, display and interpret data through GIS; identify the art of image interpretation and enhancement.

Digital Marketing DEG111: (3 Cr. Hrs.)

This course is designed to expose the student to the myriad of ways in which basic business functions can be enhanced through information technology. The primary areas of emphasis will be marketing and the many elements comprising the internet. These elements include such issues as website design, web and data analytics, search engine optimization, social media marketing, and the implementation of the marketing mix within the digital medium.

Computer Graphics: CGR111 (3 Cr. Hrs.)

This course presents the basic principles and techniques for computer graphics on modern graphics hardware. Students will gain experience in interactive computer graphics. Topics include: two-dimensional (2D) viewing, three-dimensional (3D) viewing, perspective, lighting and geometry. This course will introduce students to all aspects of computer graphics including hardware, software and applications. Students will gain experience using a graphics application programming for completing several programming projects.

The Fourth Industrial Revolution: FIR111 (3 Cr. Hrs.)

This course illustrates that the fourth industrial revolution is very much driven by intelligence in powering decision-making and processes. This course is designed to offer students an introduction to fourth industrial revolution and provides a coverage of key fourth industrial revolution technologies and trends; the changes it will generate and the benefits of its application; the different provided opportunities and posed challenges; and how organizations can reap the fourth industrial revolution benefits.

Artificial Intelligence: ARI111 (3 Cr. Hrs.)

This course shows artificial intelligence can make computers learn, plan and solve problems autonomously. The main course topics include problem solving, reasoning, planning, natural language understanding, computer vision, automatic programming and machine learning. Methods for problem solving are useful both for reasoning and planning. Both natural language understanding and computer vision can be solved using methods developed in the field of pattern recognition. This course focus on the fundamental knowledge for understanding artificial intelligence. It will also introduce some basic search algorithms for problem solving; knowledge representation and reasoning; pattern recognition; fuzzy logic; and neural networks.

3. Humanities and Society Group (3 Cr. Hrs.)

Islamic Civilization: ISH211 (3 Cr. Hrs.)

Like other great civilizations, Islamic Civilization has great impact on humanity. Therefore, the course designed carefully for students to acquire its basic concepts. Then, the course highlights the spiritual, roles, physical and cultural bases of the Islamic Civilization. Moreover, the course sheds lights on its important achievements of Islamic Civilization in

the various fields such as medicines, arts and literature. Finally, the Islamic Civilization course concludes with how civilizations contribute to the enrichment of each other.

Critical Thinking: TH1211 (3 Cr. Hrs.)

Critical thinking studies a process which is indispensable to all educated persons - the process by which human develops and supports his beliefs and evaluate the strength of arguments made by others in real-life situations. It includes practice in inductive and deductive reasoning, argument structure and identification, validity and strength of arguments, presentation of arguments in oral and written form, and analysis of the use of language to influence thought. The course also applies the reasoning process to other fields such as business, science, law, social science, ethics, and arts.

Introduction to Psychology: PSY101 (3 Cr. Hrs.)

This course deals with clarifying the concept of psychology as a science and identifying its various fields. The course also deals with the principles and laws that govern different behavioral phenomena. The course presents the basic research methods used in psychology and clarifies its relationship with other sciences. The course also deals with a general idea of some psychology theories explaining human behavior, as well as some important concepts in psychology such as human behavior, motives and emotions, feeling and perception, memory, intelligence and psychological disorder, and a set of applied models for interpreting human behavior in light of these concepts.

Introduction to Law: LAW100 (3 Cr. Hrs.)

The course deals with the study of the general theory of law in terms of: the definition of law, the characteristics of the legal rule, its relationship to other social rules, branches of law, its official and interpretative sources, the scope of application of the law in terms of place and time, and the interpretation of the law.

The course also deals with the study of the general theory of the right in terms of: the definition of a right, its relevance to the law, the types and divisions of rights, the persons of the right (the natural person - the legal person), the place of the right, the means of protecting it, its sources, its use, its proof, and the methods of its termination.

Introduction to Management MGT200: (3 Cr. Hrs.)

This course introduces the student to the four fundamental managerial functions i.e. planning, organizing, leading and controlling to teach them how to perform as an efficient and effective manager. The challenges faced by the contemporary managers in dealing with today's changing business environment are discussed in detail in terms of different managerial roles and desired skills. This course will effectively prepare the students to undertake more advanced and specialized courses within the management discipline. The course provides a holistic view of management studies, and arouses their further interest in pursuing this discipline.

The Principles of Architecture and Art: ARC211 (3 Cr. Hrs.)

The course introduces the student to the world of architecture and art through a series of lectures which highlight this subject by exploring visual presentations, videos, and slideshows. In addition, the course gives the student the chance to practice what he has visualized by creating drawings, pictures, and other media outcomes as required.

Introduction to Art: ART111 (3 Cr. Hrs.)

This course introduces art from prehistoric times to the present. It introduces the understanding and enjoyment of art. While examining the role that the visual arts have played in the development of the human cultures, the student is exposed to a wide variety

of artistic media through the study of painting, architecture, design, photography and the decorative arts.

Introduction to Aesthetics: ART112 (3 Cr. Hrs.)

The aim of the course is to allow students to research and study the philosophy of aesthetics, discussing the problem of aesthetics concerns, the theory of beauty and the theory of arts. This course will enable students to develop knowledge for human life and culture, which would help them to utilize the aspects of aesthetics value in their professional practices and communication behavior.

The Art of Written Expression: ARB113 (3 Cr. Hrs.)

The course analyzes writing practices within and across disciplines, recognizing the role writing plays in consolidating knowledge in a retrievable form which is easily accessible within each academic specialization. This course highlights the processes, practices and application of written expression in various academic fields. Students can develop a critical understanding of important discourses within their area of study.

Environmental Sciences: ENV111 (3 Cr. Hrs.)

This course introduces students to the basic elements of environment; atmosphere, hydrosphere and lithosphere, their interaction and impact of human activities. Topics such as air quality, water resources, fossil and renewable energy sources, environmental pollution and environmental protection are highlighted. Special emphases are given to the United Arab Emirates and Arabian Gulf Region.

Introduction to Sociology: SSW151 (3 Cr. Hrs.)

The course deals with the emergence and development of sociology, introducing sociology and its fields, and the first founding pioneers of sociology such as Ibn Khaldun, August Comte, Durkheim, Karl Marx, and Max Weber. The relationship between sociology and other sciences. The course also deals with the social processes occurring as a result of social relations such as cooperation, conflict, integration, competition, and consensus. The course also seeks to clarify the classical theoretical and methodological trends in sociology. The course also explains the topics of social class, social hierarchy, social mobility, and social systems. The social component of the social structure, such as economic, political, and religious systems.

Introduction to Public Relations and Advertising: DER118 (3 Cr. Hrs.)

This course introduces public relations in terms of its concept, history, functions and means of work, as well as the masses of public relations, their activities in various fields, and their role and means in developing institutions. The course introduces the concept of advertising, its types, objectives, functions and various means, the stages of the influence of advertising on consumer behavior, and the persuasive strings in the advertising message.

Communication Between Cultures: SOC112 (3 Cr. Hrs.)

This course helps students develop practical skills for improving their communication with other cultures. The course teaches students the different levels of communication such as verbal and nonverbal communication and how to use them effectively in their daily life. The course enables the students to communicate successfully with people from different cultures.

12 | College of Business Administration

College of Business Administration (CBA) is one of the most credible business colleges in the region that is committed to the development and enhancement of knowledge and business skills of its students to enable them to understand the modern business world, to achieve the highest levels of success in their professional careers, and to play effective leadership roles regionally as well as globally.

CBA is committed to providing high-quality business education. The remarkable growth in economic and business activity in the world in general and Arabian Gulf region in particular, over the past decade, has greatly stimulated the demand for skilled and competent business graduates. Our competitive degree program is, therefore, developed to offer both local and global perspectives as well encourage our students to think out of the box and innovatively so as to not only be equipped with the knowledge, skills and attitudes they need to effectively address the challenges and opportunities of today's internationalized and fast evolving business environment but also emerge as business leaders of tomorrow.

CBA strives to provide the best and most modern methods of instructions to students. The CBA diligent and highly qualified faculty members ensure that the Bachelor of Science in Management curriculum is consistently updated in order to reflect and keep up with the ever evolving trends and techniques of the contemporary business world.

Mission

The college adheres to the fulfillment of USTF's overall mission, which seeks to meet the educational needs of local, regional and international students. As such the college philosophy is grounded in finding practical and scientific solutions to contemporary organizational and business problems through the offered program by the college. Stemming from this underlying philosophy, the college's strategic focus is to enhance the intellectual, professional and behavioral development of its students to meet the managerial challenges of the 21st century.

Academic Programs

The college offers Bachelor of Science in Management, providing students with theoretical background and practical skill that form an excellent foundation for satisfying career requirements or for subsequent graduate degree. For the undergraduate Bachelor of Science in Management program, USTF has received initial accreditation by the Commission for Academic Accreditation (CAA) of UAE Ministry of Education (MoE) in July 2019.

CBA Undergraduate Program is:

- Bachelor of Science in Management

Facilities

The college's current physical facilities, which include offices, labs and teaching rooms, sports grounds, and health club are fully equipped to adequately meet its needs and are regularly upgraded. The library is regularly updated with the latest books in multiple fields and disciplines for the benefit of students and faculty members. IT facilities include:

- Wireless internet connection, available in the university campus.
- Internet labs.
- Multimedia facilities are provided and business programs are installed in all labs.
- College computers connected through local and wide area networks.

Department of Management

The Department of Management offers a comprehensive and dynamic program leading to the Bachelor of Science in Management, which integrates multidisciplinary approaches to teaching and learning, utilizes the latest business and economic theories along with providing practical exposure to its students through real-life case studies and analysis of actual business data and presentations. The department focuses on building and enhancing students' essential skills, like, critical thinking, effective communication skills, business acumen and understanding of strategic models that are used in modern business world, in order to facilitate their entry into the global business arena as exceptional and professional managers and entrepreneurs.

Bachelor of Science in Management

Mission

The mission of the Management Department is derived mainly from the grand vision and philosophy of the University and the College of Business Administration. The department aims at providing students with excellent education and professional practice in various areas of management via a rigorous academic program that promotes critical thinking, interpersonal skills, technical competence and above all ethical and moral principles and practices.

Goals

1. To equip students with in-depth knowledge of contemporary management theories, concepts, principles, and practices relevant to the business and management careers in the twenty-first century.
2. To develop students' creative and critical thinking and problem-solving skills necessary for the identification, analysis, and resolution of a wide range of business and management problems.
3. To develop students' ability to apply information technologies that is necessary to facilitate business and management decision-making processes.
4. To equip students with appropriate communication, teamwork, motivation, leadership, and research skills suitable in the business and management environments.
5. To enable students to identify and utilize decision-making techniques and skills that meet professional, ethical, and socially- responsible standards.

Learning Outcomes

1. **Knowledge**:
   Upon successful completion of the Bachelor of Science (BSc) in Management program, graduates will be able to:
   - Deal effectively and efficiently with managerial responsibilities, tasks and challenges in changing and complex business environments.
   - Display problem solving and decision making skills in a variety of contexts
   - Articulate issues and disseminate solutions to a variety of stakeholders.
   - Demonstrate broad managerial competencies adapted to a globalized world.
   - Conduct research and pursue post-graduate studies.
2. **Skills:**
   - Understand key theories in leadership and management
   - Explain the organizational objectives of specialization, coordination, adaptation and alignment to benefit the community and the business milieu
   - Identify the differences between the conduct of quantitative and qualitative research
   - Understand the requirements for managerial ethical, moral, and the principle of what is measurable is manageable.
   - Understand the global multidimensional managerial challenges as they pertain to the various functions of the global corporation.
   - Develop awareness of the importance of strategic change and development
   - Explain the role of quality standards in an applied business strategy.
   - Apply creative thinking to the solution of complex organizational challenges.
   - Acquire the requisite knowledge and skills to conduct research and to pursue postgraduate studies.
3. **Competence (Autonomy and Responsibility)**
   - Conduct research projects independently or in a group setting.
   - Conduct graduation projects according to the College of Business Administration guidelines that are stipulated by the College of Business Administration. Orally present and defend graduation projects.
4. **Self-development**
   - Engage in a life-long learning cycle and respond in a positive and responsible manner to constructive criticism.
   - Enroll in an approved training course at the conclusion of the senior year.
5. **Role in Context**
   - Demonstrate professionalism and respect for fellow students and faculty members.
   - Maintain high ethical standards in the conduct of all activities in the CBA

Knowledge	
K1	Deal effectively and efficiently with managerial responsibilities, tasks and challenges in changing and complex business environments.
K 2	Display problem solving and decision making skills in a variety of contexts
K 3	Identify the differences between the conduct of quantitative and qualitative research
K4	Demonstrate broad managerial ccompetencies adapted to a globalized world.
K5	Conduct research and pursue post-graduate studies.
Skills	
S1	Understand key theories in leadership and management
S2	Explain the organizational objectives of specialization, coordination, adaptation and alignment to benefit the community and the business milieu
S3	Identify the differences between the conduct of quantitative and qualitative research
S4	Understand the requirements for managerial ethical, moral, and the principle of what is measurable is manageable.
S5	Understand the global multidimensional managerial challenges as they pertain to the various functions of the global corporation.
S6	Develop awareness of the importance of strategic change and development
S7	Explain the role of quality standards in an applied business strategy.
S8	Apply creative thinking to the solution of complex organizational challenges.
S9	Acquire the requisite knowledge and skills to conduct research and to pursue postgraduate studies.
Competencies Autonomy and Responsibility	
CA1	Conduct research projects independently or in a group setting.
CA2	Conduct graduation projects according to the College of Business Administration guidelines.
CA3	Orally present and defend graduation projects
Role in Context	
CR1	Demonstrate professionalism and respect for fellow students and faculty members.
CR2	Maintain high ethical standards in the conduct of all activities in CBA
Self-development	
CS1	Engage in a life-long learning cycle and respond in a positive and responsible manner to constructive criticism.
CS2	Enroll in an approved training course at the conclusion of the senior year.

Admission Requirements

1. A minimum high school average of 70% for Advanced or Elite Track or 75% for General Trak or equivalent in starndarized international system.
2. EMSAT score of 1100 for English Language or an equivalent English Proficiency Test approved by Commision for Avademic Accreditation (CAA).
3. EMSAT score of 600 for Arabic Language. Alternatively international students can register in a non-credit introduction Arabic language course at USTF.
4. EmSAT score of 600 in Mathematics or equivalent.
5. Passing a personal interview set by the College of Business in addition to other conditions of sdmission set by the university.
6. Conditional admission can be allowed for not achieving the Arabic Language EmSAT score but not for English Language or overall high School Certificate.

Career Opportunities

Management is the art of getting things done by others. Hence, the need for future managers never stops, particularly for those who are equipped with the latest managerial knowledge skills and the ability to think analytically.

The Bachelor of Science in Management program has been carefully crafted to meet market demands qualitatively. The program is intended to produce graduates who will be efficient and effective managers able to achieve organizational objectives. USTF management graduates have been well received in the job markets of the UAE and other Arabian Gulf countries for their outstanding teamwork, and creative and management leadership skills.

Graduation Requirements

Students will be awarded the Bachelor of Science in Management degree upon fulfillment of the following requirements:

- Successful completion of 126 credit hours, which normally takes eight semesters.
- 16 weeks of industrial internship (after the completion of 96 credit hours including seven management core courses), which is equivalent to three credit hours.
- A minimum Cumulative Grade Point Average of 2.0.

Degree Requirements

The BSc in Management degree requires the completion of 126 credit hours distributed according to the following plan:

Type of Courses	Credit Hours
1. University General Education Requirements	**24**
(a) University Required Courses	15
(b) University Elective Courses	9
2. College Requirements	**66**
(a) College Required Courses	54
(b) College Elective Courses	12
3. Major Requirements	**36**
(a) Major Required Courses	30
(b) Major Electives Courses	6
Total Credit Hours	**126**

(1) University General Education Requirements

(a) University Compulsory Courses (15 Credit Hours)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS111	Emirates Society (Arabic)	3
EMS112	Emirates Society (English)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3

(b) University Elective Courses (9 Credit Hours)

(i) Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
STA113	Statistics (English)	3

(ii) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
COM112	IT Fundamentals (English)	3

(iii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH211	Islamic Civilization	3
THI211	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
ARC211	Principles of Architecture	3
ART100	Introduction to Art (Arabic)	3
ART110	Introduction to Art (English)	3
ART111	Introduction to Interior Design	3
ART112	Introduction to Aesthetics	3
ARB113	The Art of Written Expression	3
ENV111	Environmental Science	3
SOC111	Introduction to Sociology	3
DER118	Introduction to Public Relations and Advertising	3
SOC112	Communication Between Cultures	3

(2) College Requirements (66 Credit Hours)

(a) Obligatory Courses (54 Credit Hours)

No.	Course Code	Course Title	Prerequisites	Cr. Hrs.
1	STA 231	Statistics for Business	STA 113	3
2	MGT 312	Business Research Method	STA 231 , MGT 200	3
3	ACC 200	Principles of Accounting I	-	3
4	ACC 220	Principles of Accounting II	ACC 200	3
5	MGT 200	Introduction to Management	-	3
6	FIN 210	Fundamentals of Finance	ACC 200	3
7	ECO 200	Microeconomics	-	3
8	MGT 311	Business Communication	MGT 200	3
9	MKT 200	Principles of Marketing	MGT 200	3
10	MGT 301	Business Law	MGT 200	3
11	MGT 401	Management Information Systems	MGT 200 , INT 300	3
12	MGT 300	Organizational Behavior	MGT 200	3
13	ECO 210	Macroeconomics	ECO 200	3
14	INT 300	Data Base Management Systems	COM 112	3
15	ECO 310	Quantitative Analysis	STA 231 , MTH 131	3
16	MGT 470	Supervised Training	96 credit hours	3
17	INT 103	IT in Business	COM 112	3
18	MTH 131	Math for Management	-	3

(b) Elective Courses (12 Credit Hours)

No.	Course Code	Course Title	Prerequisites	Cr. Hrs.
1	MGT 323	Business Ethics	MGT 200	3
2	ECO 320	Economic Development of GCC	ECO 210	3
3	ECO 311	Managerial Economics	ECO 200	3
4	MGT 325	Public Relations	MGT 311	3
5	MGT 313	Feasibility Studies	ECO 200 , FIN 210	3
6	MKT 413	Hospitality and Tourism	MKT 200	3
7	MKT 423	Social Media	MKT 200	3
8	ACC 250	Enterprise Resources Management	MGT 200 , ACC 200	3
9	MGT 201	Business English	-	3

(3) Major Requirements (36 Credit Hours)

(a) Major Obligatory Courses (30 Cr. Hrs.)

No.	Course Code	Course Title	Prerequisites	Cr. Hrs.
1	MGT211	Production and Operations Management	STA 113 and MGT 200	3
2	MGT202	Human Resource Management	MGT 200	3
3	MGT411	International Business	MGT 200 and ECO 211	3
4	MGT212	Management of Small Business	MGT 200	3
5	MGT221	Purchasing and Material Management	MGT 211	3
6	MGT400	Strategic Management	MKT 200, FIN 210, and MGT 300	3
7	MGT321	Total Quality Management	MGT 211	3
8	MGT320	Organizational Theory and Design	MGT 300	3
9	MGT421	Selected Topics in Management	MGT 400	3
10	MGT402	Graduation Project/Management	102 Credit Hours	3

(b) Major Elective Courses (6 Cr. Hrs.)

No.	Course Code	Course Title	Prerequisites	Cr. Hrs.
1	MGT422	Project Management	MGT 200	3
2	MGT423	Electronic Business	MGT 200 and COM 112	3
3	MKT212	Service Marketing	MKT 200	3
4	FIN322	Personal Finance	FIN 210	3
5	MGT322	Computer Applications in Management	MGT 200 and COM 111	3

Proposed Sequence of Study

Semester 1

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
ISL 112	Islamic Culture	3	0	0	3	-
ARB 111	Communication Skills in Arabic Language	3	0	0	3	-
MGT 200	Introduction to Management	3	0	0	3	-
STA 113	Statistics (English)	2	2	0	3	
COM 112	IT Fundamental	2	2	0	3	-
ECO 200	Microeconomics	3	0	0	3	
Total		**16**	**4**	**0**	**18**	

Semester 2

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
STA 231	Statistics for Business	3	0	0	3	STA 113
MKT 200	Principles of Marketing	3	0	0	3	-
ACC 200	Principles of Accounting I	3	0	0	3	-
ENG 111	English Communication Skills	3	0	0	3	-
(UE 3)	University Elective Course 3	3	0	0	3	-
Total		**15**	**0**	**0**	**15**	**-**

Semester 3

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT 103	IT in Business	3	0	0	3	COM 112
MTH 131	Math for Management	2	2	0	3	
ACC 220	Principles of Accounting II	3	0	0	3	ACC 200
FIN 210	Fundamentals of Finance	3	0	0	3	ACC 200
EMS 111	Emirates Society	3	0	0	3	-
Total		**14**	**2**	**0**	**15**	

Semester 4

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
ECO 310	Quantitative Analysis	3	0	0	3	MTH 131, STA231
MGT 311	Business Communication	3	0	0	3	MGT 200
MGT 300	Organizational Behavior	3	0	0	3	MGT 200
ECO 210	Macroeconomics	3	0	0	3	ECO 200
MGT 301	Business Law	3	0	0	3	MGT 200
(COE 1)	College Elective Course 1	3	0	0	3	-
Total		**18**	**0**	**0**	**18**	

Semester 5

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
MGT 312	Business Research Method	3	0	0	3	STA231, MGT200
INT 300	DBMS	2	2	0	3	COM 112
MGT 202	Human Resource Management	3	0	0	3	MGT 200
MGT 211	Production & Operations Manag.	3	0	0	3	STA113, MGT200
MME 1	Management Major Elective- 1	3	0	0	3	-
(COE 2)	College Elective Course 2	3	0	0	3	-
Total		**17**	**2**	**0**	**18**	

Semester 6

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
IES112	Innovation, Entrepreneurship and Sustainability (English)	3	0	0	3	Earning 60 Cr.Hrs
MGT401	Managemnt Information System	3	0	0	3	MGT200, INT300
MGT221	Purchasing and Materials	3	0	0	3	MGT 211
MGT321	Total Quality Management	3	0	0	3	MGT 211
MGT212	Management of Small Business	3	0	0	3	MGT 200
(COE 3)	College Elective -3	3	0	0	3	-
Total		**18**	**0**	**0**	**18**	

Semester 7

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
MGT 470	Supervised Training	-	-	-	3	96 credit hours
MGT 411	International Business	3	0	0	3	MGT 411
MGT 400	Strategic Management	3	0	0	3	MGT 400
(COE 4)	College Elective -4	3	0	0	3	(COE 4)
Total		**9**	**0**	**0**	**12**	

Semester 8

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
MGT 320	Organizational Theory and Design	3	0	0	3	MGT 300
MGT 402	Graduation Project	-	-	-	3	102 cr. Hrs.
MGT 421	Selected Topics in Management	3	0	0	3	MGT 400
MME 2	Major Elective Course 2	3	0	0	3	-
Total		**9**	**0**	**0**	**12**	

Management Department Course Descriptions

MGT 200 Introduction to Management (3,0,0,3)

This course introduces the student to the four fundamental managerial functions i.e. planning, organizing, leading and controlling to teach them how to perform as an efficient and effective manager. The challenges faced by the contemporary managers in dealing with today's changing business environment are discussed in detail in terms of different managerial roles and desired skills. This foundational level course will effectively prepare the students to undertake more advanced and specialized courses within the management discipline. The course provides a holistic view of management studies, and arouses their further interest in pursuing this discipline.

MGT 312 Business Research Methods (3,0,0,3)

The course provides an introduction to research methods in social sciences in general and business administration in particular. It equips the students with essential research techniques. The use of research techniques in marketing research, feasibility studies, project planning and graduation project. It covers a range of topics, including in particular, research design, sampling theory, data collection tools, questionnaire development and program evaluation methodology. It also covers data analysis methods involving both exploratory and hypotheses testing techniques. There will be specific emphasis on the use of statistical package for social sciences (SPSS) software. Pre-requisite: STA 231 and MGT 200

MGT 311 Business Communications (3,0,0,3)

The course aims at equipping the students with effective business communication skills. The course provides a thorough practice in business letters, memos, reports, resumes and job applications. In addition to developing written communication, the course teaches verbal communication skills such as speeches, interviews, and other dyadic forms of communication. The entire teaching process is focused on building effective communication skills among students. Pre-requisite: MGT 200

MGT 300 Organizational Behavior (3,0,0,3)

Organizational Behaviour (OB) is an interdisciplinary field drawing upon theories and concepts from several social sciences including Sociology, Psychology and Anthropology. The course is designed to examine concepts and case studies relevant to behavior of people in modern business organizations. The basic focus of the course is to look at internal organizational dynamics and individual behavior. A number of topics explored in detail,

including personality, perception, motivation, groups and teams, leadership, Social influence, socialization and culture, conflict and negotiation, and organizational sources of stress and coping strategies. Issues relating to organizational change and development given special attention in the course. Pre-requisite: MGT 200

MGT 301 Business Law (3,0,0,3)

The aim of this course is to review basic legal principles and sources of contract law, background of law and legal theory. The following topics are covered in detail: formation of contracts, modifications, terminations, remedies, award law, pricing, patent, business organizations, company law, sales of goods, transfer of ownership rights, employment and health and safety laws. Pre-requisite: MGT 200

MGT 401 Management Information Systems (3,0,0,3)

This course provides a complete understanding about the Management information (MIS) roles in the organization innovation and technology usage. It covers the following topics in detail: Management Information Systems concepts, information-processing applications, data handling process, data processing and automation, fundamentals of any system and system design and development and implementation management information systems as strategic solution. Pre-requisites: MGT 200 and INT 300

MGT 323 Business Ethics (3,0,0,3)

This course provides a comprehensive and systematic coverage of a wide range of ethical issues in all functional areas of business. By using cases, essays and class discussions, the course closely examines the ethical problems involved in the real-life business context. The course discusses the fundamental concepts and importance of business ethics practices, corporate social responsibility (CSR) and corporate governance; as well as explores the important role of government and whistle blowers in promoting ethical practices. It also highlights the ethical issues and challenges involved in effectively adopting new technologies, and cautiously embracing the globalization practices within the local context. Special attention is paid to identify the ethical issues and challenges faced by the managers when confronted with the prevailing business culture and practices in the UAE and Gulf Cooperation Council (GCC) countries context. A collection of selected cases are used to explore the variation in managerial responses to ethical issues when compared the local environment with global business practices. Pre-requisite: MGT 200

MGT 313 Feasibility Studies (3,0,0,3)

This course offers a survey of concepts and processes used in conducting a feasibility study of a new business opportunity or existing on-going project. Feasibility Studies and Project Evaluation has become increasingly important since they give an indication of the possibility of success of any industrial, service, or investment project. During the course, students will have an opportunity to work on a business idea of particular interest to them as a project team (maximum three or four students per project team). The course will cover processes related to opportunity recognition and activities associated with scanning, monitoring, and assessing a possible viable business opportunity. Significant amount of time will be devoted to analyses of industries, markets, competitors and customers. Once a student team has identified a particular business proposition, they will need to justify or articulate the unique value proposition offered to an identified group of customers. Each student-group will have to analyze the distribution channels, pricing strategies, competitive strategies, resource requirements, and business model(s) that will be required to develop their business idea and make it successful. The main product of the course will be a Feasibility Study Report which will be taken as the main examination. Pre-requisites: ECO 200 and FIN 210

MGT 211 Production and Operations Management (3,0,0,3)

This course is designed to cover the principles of production and operations management as they relate to both manufacturing and service operations. The course will examine the following topics: decision-making process, forecasting, operations strategy, production planning, scheduling, productivity, quality control, and future trends in production and operations management. Pre-requisites: STA 111 and MGT 200

MGT 202 Human Resource Management (3,0,0,3)

This course serves as an introductory course in human resource management (HRM) with a particular emphasis on the disciplines used by business professionals. Using the various functions of HRM as a framework, the class will explore the historical evolution and philosophical foundations of the field as well as to examine the current practices that are being used to support human resources in the workplace.

Topics include: human resource function, social and legal environment, human resources acquisition and maintenance strategies, human resource planning, recruiting, selection, training and development, performance appraisal, compensation, performance management, employee relations, and organizational policies. Special attention will be paid to the practice of HRM in the GCC environment. Future HRM challenges will be examined, particularly in the context of social, cultural, and economic environment prevalent in the Middle East. Pre-requisite: MGT 200

MGT 411 International Business (3,0,0,3)

This subject provides an in-depth perspective of managing international business. Since business is becoming increasingly global, firms are requiring managers to understand and be able to resolve the challenges faced in surviving and succeeding in this competitive environment. Greater internationalization requires firms to be more competitive, dynamic, and interdependent. Managers must understand the complexities of global economic, political, socio-cultural, and financial forces and recognize how they affect cultural diversity, handling the increased risk of international operations, and developing appropriate international strategies. The subject focuses on building advanced global skills. Many case examples covering a range of both local and international businesses, from small organizations to large multinational companies, will provide learners with a realistic depiction of the challenges and opportunities that are inherent in international business. Pre-requisites: MGT 200 and ECO 211

MGT 221 Purchasing and Materials Management (3,0,0,3)

This course exposes students to the principles and techniques used in purchasing and materials management. The course examines the following topics in detail: recognition of materials needs, the acquisition process, and the overall supply management issues and policies. Within these broader topics, the course looks at the techniques used in materials requirement planning, stock and inventory control, transportation, stores management, quality assurance, Just In Time (JIT) and Total Quality Management (TQM). The course also examines the purchasing and supply management processes and methods used by governments, non-profit and service organizations. Pre-requisite: MGT 211

MGT 400 Strategic Management (3,0,0,3)

This course is designed to provide an understanding of critical business skills of strategic planning and decision-making and it gives students an opportunity to apply these skills to real business situations in the UAE/GCC environments. Strategic management is a capstone course for undergraduates majoring in management since it provides the learners with an understanding of the role and responsibilities of top managers in the organization.

Moreover, it enables students to integrate knowledge, skills, and concepts acquired in most of the business courses with the managerial decision-making responsibilities of managers.
The focuses on all aspects of strategic management process, including decision-making, company mission, vision, objectives, strategy analysis, formulation, implementation and assessment. The course aims at helping students to develop a thorough understanding of policy formulation and evaluation with special attention to capabilities and competencies of firms in the UAE/GCC business environments. The course also addresses issues relating to resource analysis and allocation techniques, and management of strategic change.Pre-requisites: MKT 200, FIN 210, and MGT 300

MGT 320 Organizational Theory and Design (3,0,0,3)

The primary aim of this course is to expose the students to the evolution of organizational theory and the contribution of different schools of thought to the development of classical and contemporary theoretical perspectives. The topics of bureaucracy, power and politics, organizational structures and technology, and emerging design options will be extensively examined. The course also looks at the issues of information and control, organizational renewal and learning, techno-structural change and adaptive capacity of organizations. Relevant cases and actual examples from a range of firms will be used to seek application of organizational theory to management issues. Pre-requisite: MGT 300

MGT 421 Selected Topics in Management (3,0,0,3)

This course aims at bridging the perceived gap between the pure academic learning and the professional business skills which are required to be effectively employed (or self-employed) in the local industry and international markets. Over the years, it has been noticed that many fresh graduates are usually good at their disciplinary or subject-specific knowledge, but they are relatively weaker at applying their professional knowledge in the organizational context and when they start working as a business professional after their graduation. Apparently, this perceived gap is observed to be less of technical nature, but is more related to human aspects and organizational skills, which are usually named as soft skills. Hence, this course aims at equipping our students with those set of necessary skills that make them more adapt to the market needs and industrial challenges, whilst working within the cross-functional teams to carry out complex projects in a greater mix of professional team members - having multidisciplinary/multicultural backgrounds. Pre-requisite: MGT 400

MGT 212 Management of Small Business (3,0,0,3)

The course is designed to answer the fundamental question that most students and aspiring entrepreneurs often ask: How to start and manage my own business? With this objective the course discusses different types of businesses, legal organizations, accounting and financial requirements. Other specific topics covered in the course include: obtaining capital, controlling inventory, selling prices, staffing, marketing strategies, growth and expansion decisions and strategies. Pre-requisite: MGT 200

MGT 321 Total Quality Management (3,0,0,3)

The objective of this course is to introduce students to the main principles and techniques of Total Quality Management. The course will explore past and present topics in total quality management that have had a significant impact in the management of manufacturing and service operations. Participating students will be exposed to different tools used in the analysis, evaluation and implementation of different areas of Total Quality Management. The course content will also examine some of the strategies used by leading companies in the implementation of total quality management (TQM). Topics that will be covered during the course may include (but not restricted to) the following: introduction to Total Quality

Management; Quality Theory; Global Quality Standards; Strategic Quality Planning; The voice of the customer; The voice of the market; Quality in Product & process design; Designing Quality Service; Managing Supplier Quality in the Supply Chain; The Tools of Quality; Managing Quality improvement teams and projects; Statistical Quality Control; Managing learning for Quality Improvement; six sigma; and the teachings of various quality 'gurus' - Deming, Juran, and Crosby. In today's competitive markets, Quality leadership is seen to be critical to firm-level competitiveness. Pre-requisite: MGT 211

ECO 310 Quantitative Analysis (2,2,0,3)

The aim of this course is to review and learn basic quantitative methods used in business decision-making. The major focus of the course will be on decision-making under uncertainty and certainty such as linear programming. Some of the specific topics to be covered will include: problem formulation, graphic solutions and different forms of linear programming such as transportation and assignment models, queuing theory, decision analysis, inventory systems and forecasting. Pre-requisites: STA 231 and MTH 131

13 | College of Dentistry

The College of Dentistry (COD) is the first oral and dental health teaching institution in the east coast region of United Arab Emirates. The college's program Bachelor of Dental Surgery (BDS) is tailored to meet the oral and dental health needs of the UAE community, focusing on the prevention of oral and dental diseases.

Mission

The College of Dentistry reflects the mission of University of Science and Technology of Fujairah to provide dental educational programs in the UAE, to initiate and develop basic and clinical research and to offer high quality oral healthcare to meet the needs of the east coast region. The College of Dentistry aims to prepare graduates who are highly qualified in dental sciences to deliver compassionate and ethical orofacial healthcare services.

Objectives

The College of Dentistry aims to:

- Educate and train a new generation of oral health professionals to world-class standards.
- Implement a comprehensive oral healthcare program with emphasis on prevention.
- Provide community dentistry services that meet world-class standards.
- Initiate scientific research in oral health in collaboration with prestigious international dental and medical institutions, and companies related to dentistry.

Degree Programs

The College of Dentistry currently offers the following undergraduate dental program which is accredited by the UAE Ministry of Education:

- Bachelor of Dental Surgery (DDS) *- 5-year program .

Facilities

The College of Dentistry is equipped to deliver world class dental education. Spacious lecture halls with audio-visual and video conferencing facilities provide students with an exciting learning experience. State-of-the-art laboratories with the latest medical and dental education equipment enhance students' knowledge and skills. The college's dental clinics have a contemporary design with modern dental units and x-ray rooms, and are provided with the latest dental materials, instruments and equipment. Free-of-charge comprehensive dental treatment for all patients ensures a regular flow of dental cases for clinical training, skills development and research requirements during the clinical phase of dental education programs.

- **Bachelor of Dental Surgery (BDS) Degree Program**

  This is a five-year undergraduate program leading to the degree of Bachelor of Dental Surgery (BDS). The study program and curriculum is at par with that of renowned international universities and dental institutes.

Program Objectives

The BDS* program aims to:

1. Educate and train a new generation of competent dental surgeons, who will be able to provide high quality comprehensive oral healthcare with emphasis on prevention.
2. Emphasize on the prevention and early detection of oral and dental diseases as an integral part of the curriculum.
3. Provide educational experiences for students using a comprehensive patient care model.
4. Provide community dentistry services that meet world-class standards.
5. Establish national recognition in term of academia by the concerned authorities and the public.

Program Outcomes

The BDS* program at USTF-College of Dentistry is only delivered as a full time program. The College of Dentistry offers access to e-learning (MOODLE) as a supplementary tool to its traditional face-to-face pedagogy. The effectiveness of the program is evaluated against the program learning outcomes which have been aligned with the UAE Qualifications Framework (QFEmitares) and are consistent with the defined level of the degree.

Learning outcomes

1. **Knowledge**: On successful completion of the Bachelor of Dental Surgery program, graduates will be able to:
   - Express coherent knowledge, capabilities and limitations of specialization areas in dentistry
   - Describe the importance of prevention, treatment and management of oral and dental diseases.
   - Use the factual and theoretical knowledge in basic medical and dental sciences and allied sciences to gather information from patient as part of history taking and patient examination in order to decide appropriate investigation and decide a suitable course of treatment within the scope of a general dental practice.
   - Identify the integration and importance of the basic medical and allied sciences such as psychology and behavioral sciences to dentistry.
   - Demonstrate a broad knowledge of the fundamental concepts, theories and principles in research projects and protocols complying with ethical principles.
2. **Skill:**
   - Demonstrate effective technical and analytical skills using evidentiary and procedural based processes to perform appropriate dental procedures independently and safely in a general dental practice setting.
   - Practice promotion of oral health and prevention of related disorders.

- Demonstrate highly developed communication skills to explain or critique complex and unpredictable matters related to oral health and disease.
- Demonstrate accurate record keeping and how to source and analyze information relevant to effective clinical practice.
- Practice ethical, professional and legal responsibilities and display appropriate attitudes and behavior.
- Evaluate, select and apply appropriate methods of clinical research in relation to oral health and disease.

3. **Competence (Autonomy and Responsibility)**
   - Show responsibility and independent technical and clinical decision-making to evaluate and manage complex and unpredictable clinical work appropriate to a primary care practice.
   - Illustrate adherence to current best practice methods in a mature manner.
4. **Role in Context**
   - Recognize the importance of appropriate leadership roles, manage and take accountability of the team involved in patient care.
   - Demonstrate responsibility and supervise the professional activity and mentoring of allied dental health personnel.
5. **Self-development**
   - Engage in self-evaluation and professional development apt for general dental practice or towards specific specialization.
   - Value professional ethics, positive criticism and feedback, and engage in a life-long learning.
   -

Outcomes mapping matrix

National Standards of Learning Outcomes for Bachelor Program (UAENQF LEVEL 7)	Program Learning Outcomes of Doctor of Dental Surgery				
Kknowledge	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5
1. Specialized factual and theoretical knowledge and an understanding of the boundaries in a field of work or discipline, encompassing a broad and coherent body of knowledge and concepts, with substantive depth in the underlying principles and theoretical concepts	✓				
2. An understanding of allied knowledge and theories in related fields of work or disciplines and in the case of professional disciplines including related regulations, standards, codes, conventions			✓		
3. Understanding of critical approach to the creation and compilation of a systematic and coherent body of knowledge and concepts gained from a range of sources		✓		✓	
4. A comprehensive understanding of critical analysis, research systems and methods and evaluative problem-solving techniques					✓
5. Familiarity with sources of current and new research and knowledge with integration of concepts from outside fields					✓

National Standards of Learning Outcomes for Bachelor Program (UAENQF LEVEL 7)	Program Learning Outcomes of Doctor of Dental Surgery					
Skill	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
1. Technical, creative and analytical skills appropriate to solving specialized problems using evidentiary and procedural based processes in predictable and new contexts that include devising and sustaining arguments associated with a field of work or discipline	✓				✓	
2. Evaluating, selecting and applying appropriate methods, procedures or techniques in processes of investigation towards identified solutions		✓		✓		
3. Evaluating and implementing appropriate research tools and strategies associated with the field of work or discipline						✓
4. Highly developed advanced communication and information technology skills to present, explain and/or critique complex and unpredictable matters			✓			

National Standards of Learning Outcomes for Bachelor Program (UAENQF LEVEL 7)	Program Learning Outcomes of Doctor of Dental Surgery	
Competence (Autonomy and responsibility)	PLO 1	PLO 2
1. Can take responsibility for developing innovative and advanced approaches to evaluating and managing complex and unpredictable work procedures and processes, resources or learning	✓	
2. Can manage technical, supervisory or design processes in unpredictable, unfamiliar and varying contexts		✓
3. Can work creatively and/or effectively as an individual, in team leadership, managing contexts, across technical or professional activities	✓	
4. Can express an internalized, personal view, and accept responsibility to society at large and to socio-cultural norms and relationships		✓

National Standards of Learning Outcomes for Bachelor Program (UAENQF LEVEL 7)	Program Learning Outcomes of Doctor of Dental Surgery	
Role in context	PLO 3	PLO 4
1. Can function with full autonomy in technical and supervisory contexts and adopt para-professional roles with little guidance		✓
2. Can take responsibility for the setting and achievement of group or individual outcomes and for the management and supervision of the work of others or self in the case of a specialization in field of work or discipline	✓	
3. Can participate in peer relationships with qualified practitioners and lead multiple, complex groups	✓	
4. Can take responsibility for managing the professional development and direct mentoring of individuals and groups		✓

National Standards of Learning Outcomes for Bachelor Program (UAENQF LEVEL 7)	Program Learning Outcomes of Doctor of Dental Surgery	
Self-development	PLO 5	PLO 6
1. Can self-evaluate and take responsibility for contributing to professional practice, and undertake regular professional development and/ or further learning can manage learning	✓	✓
2. Can manage learning tasks independently and professionally, in complex and sometimes unfamiliar learning contexts	✓	
3. Can contribute to and observe ethical standard		✓

Admission Requirements

Admission is based on the following requirements:

1. A UAE secondary school certificate, Elite stream not less than (80%), Advanced stream not less than (85%) or equivalent.
2. EmSAT English language with a score of 1100, or an equivalent (TOEFL 500) or (Academic IELTS 5).
3. EmSAT Arabic language (800). Alternatively, on-Arab students can register in a non-credit Introduction Arabic language course at USTF.
4. An EmSAT score of 900 in Mathematics or equivalent, plus scores of 900 in two of the three science subjects (Chemistry, Biology or Physics). In the case that EmSAT scores in Mathematics and two science subjects are not available, a candidate shall sit an equivalent Admission Exam designed by the College of Dentistry, which includes Chemistry, Biology, Physics and Mathematics.
5. Personal interview.
6. Health Fitness Certificate.

Career Opportunities

Graduates of the College will have a wide range of career opportunities to choose from, in addition to continuing higher education (Masters and PhD degrees) in one of the following specialties: Endodontics, Periodontics, Prosthodontics, Operative Dentistry, Pediatric Dentistry, Orthodontics, Implantology, Oral Pathology, Aesthetic Dentistry, Oral and Maxillofacial Surgery, Dental Public Health, Oral Radiology and Oral Medicine. Graduates may wish to take advanced courses in Oral Surgery, Implantology and other clinical specialties, or they may choose to work in research facilities. Those graduates who prefer to practice in UAE will be able to do so provided that they pass the UAE Licensing Exams. Graduates are subject to the regulations of the UAE licensing authorities with regard to the type of examination and certification criteria.

Graduation Requirements

Students will be awarded the Bachelor of Dental Surgery (BDS) degree upon fulfillment of the following requirements:

1. Completing successfully the required credit hours (200 Credit Hours), including the university requirement courses, with Accumulative Grade Point Average (CGPA) not less than C, otherwise students should take, during the following semester(s), clinical subjects as suggested by the academic advisor to fulfill this graduation requirement.
2. Completing successfully the required clinical cases during the clinical phase in addition to the mandatory two months internal clinical training during summer.
3. Submitting and defending a research project before an academic committee of the College.

Degree requirements

The Bachelor of Dental Surgery (BDS) degree requires the completion of 200 Credit Hours, distributed according to the following plan:

Type of Courses	Credit hours
1. University General Education Requirements	**24**
(a) University Required Courses	15
(b) University Elective Courses	9
2. College Requirements	**176**
Total	**200**

University General Education Requirements

(a) University Compulsory Courses (15 Credit Hours)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS111	Emirates Society (Arabic)	3
EMS112	Emirates Society (English)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3

(b) University Elective Courses (9 Credit Hours)

(i) Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
STA112	Statistics (English)	3

(ii) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
INF212	Introduction to Information Systems	3
INT211	Internet Concepts	3
SOC211	Modern Technology and Society	3
INF 211	Information Society	2 Theory + 2 Practical
COM111	IT Fundamentals (Arabic)	2 Theory + 2 Practical
COM111	IT Fundamentals (English)	2 Theory + 2 Practical
EDT211	Educational Technology	3
ETH111	Academic and Technological Ethics	3
ART 211	Introduction to Digital Photography	3
GIS211	Applications of Remote Sensing and GIS	3
DEG111	Digital Marketing	3
CGR111	Introduction to Graphic Design	3
FIR111	The Fourth Industrial Revolution	3
ARI111	Artificial Intelligence	3

(iii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH211	Islamic Civilization	3
THI211	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3

MGT200	Introduction to Management	3
ARC 211	Principles of Architecture	3
ART100	Introduction to Art (Arabic)	3
ART110	Introduction to Art (English)	3
ART 111	Introduction to Interior Design	3
ART 112	Introduction to Aesthetics	3
ARB 113	The Art of Written Expression	3
ENV111	Environmental Science	3
SOC 111	Introduction to Sociology	3
Der118	Introduction to Public Relations and Advertising	3
SOC112	Communication Between Cultures	3

Proposed Sequence of Study

Semester 1

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
ENG111	English Communication Skills	2	2	3	xxx xxx
PHY181	Physics (Dentistry) *	3	-	3	xxx xxx
PHC145	General Chemistry (Dentistry) *	2	2	3	xxx xxx
BDS101	English for Special Purposes (Dentistry)	3	-	3	xxx xxx
BDS102	Integrated Biological Sciences I *	2	2	3	xxx xxx
BDS103	Histology and Cell Biology *	2	2	3	xxx xxx
Total		**14**	**8**	**18**	

* Every dental student must pass this course before proceeding to the clinical component of the program.

Semester 2

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
ARB111	Communication Skills in Arabic Language	3	-	3	-
PHC155	Biochemistry (Dentistry) *	3	2	4	PHC145
BDS104	Integrated Biological Sciences II *	3	2	4	BDS102
BDS105	Oral Histology *	3	2	4	BDS103
BDS106	Head and Neck Anatomy I *	2	2	3	BDS102
Total		**14**	**8**	**18**	

* Every dental student must pass this course before proceeding to the clinical component of the program.

Summer Semester

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
STA112	Statistics	2	2	3	xxx xxx
EMS111	Emirates Society (English)	3	-	3	xxx xxx
	Total	5	2	6	

Semester 3

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
PHC232	Pharmacology I (Dentistry) *	2	-	2	BDS104
BDS201	Psychology and Behavioral Sciences	3	-	3	xxx xxx
BDS202	Head and Neck Anatomy II *	2	2	3	BDS106
BDS203	Microbiology and Immunology *	3	2	4	xxx xxx
BDS204	Pathology *	3	1	3	BDS103
BDS205	Biomaterials *	2	2	3	xxx xxx
Total		**15**	**7**	**18**	

* Every dental student must pass this course before proceeding to the clinical component of the program.

Semester 4

Course No.	Course Title	Contact and Cr. Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
PHC233	Pharmacology II (Dentistry) *	2	-	2	PHC232
BDS206	General Medicine and Infectious Diseases*	4	1	4	BDS203, BDS204
BDS207	General Surgery and ENT *	2	1	2	BDS106
BDS208	Introduction to Oral and Dental Diseases	2	2	3	BDS204
BDS209	Dental Anatomy and Occlusion *	3	2	4	BDS106
BDS211	Oral Radiology I *	2	2	3	PHY181, BDS106
Total		**15**	**8**	**18**	

* Every dental student must pass this course before proceeding to the clinical component of the program

Summer Semester

Course No.	Course Title	Contact and Cr. Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
ISL111	Islamic Culture (For Arabs)	3	-	3	xxx xxx
BDS210	Four Handed Dentistry and Infection Control*	2	-	2	BDS203
	Total	5	-	5	

Semester 5

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
BDS301	Pre-Clinical Operative Dentistry I *	1	3	2	BDS209,BDS205
BDS302	Pre-Clinical Prosthodontics I *	2	6	4	BDS209,BDS205
BDS303	Pre-Clinical Endodontics I *	1	3	2	BDS209,BDS205
BDS305	Pre-Clinical Pediatric Dentistry I *	2	-	2	BDS208
BDS306	Pre-Clinical Periodontics I *	1	1	1	BDS105
BDS307	Pre-Clinical Oral Surgery I and Pain Control*	2	2	2	PHC233, BDS203, BDS206, BDS207
BDS308	Oral Pathology I *	2	2	3	BDS208,BDS204
BDS407	Oral Radiology II	1	2	2	BDS211
Total		**12**	**19**	**18**	

* Every dental student must pass this course before proceeding to the clinical component of the program.

Semester 6

Course No.	Course Title	Contact and Cr. Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
BDS309	Pre-Clinical Operative Dentistry II *	2	3	3	BDS301
BDS310	Pre-Clinical Prosthodontics II *	1	3	2	BDS301,BDS302
BDS311	Pre-Clinical Endodontics II *	1	3	2	BDS303
BDS312	Pre-Clinical Pediatric Dentistry II *	1	3	2	BDS305
BDS313	Pre-Clinical Orthodontics *	1	3	2	BDS105,BDS209
BDS314	Pre-Clinical Periodontics II *	1	3	2	BDS306
BDS315	Pre-Clinical Oral Surgery II and CPR *	1	2	2	BDS206,BDS307
BDS316	Oral Pathology II *	2	2	3	BDS308
Total		**10**	**22**	**18**	

* Every dental student must pass this course before proceeding to the clinical component of the program.

Summer Semester

Course No.	Course Title	Contact and Cr. Hrs.			Prerequisite
		Lec	Lb/T	Cr. Hrs.	
IES 111	Innovation & Entrepreneurship	3	-	3	xxx xxx
	Elective Course 1	3	-	3	xxx xxx
	Total	6	-	6	

Semester 7

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Cl/T*	Cr. Hrs.	
BDS401	Clinical Operative Dentistry I	1	4	2	All Pre-Clinical Courses
BDS402	Clinical Prosthodontics I	1	4	2	
BDS403	Clinical Endodontics I	1	4	2	
BDS404	Clinical Pediatric Dentistry I	1	4	2	
BDS405	Clinical Orthodontics I	1	4	2	
BDS406	Oral Diagnosis / Oral Medicine	2	4	3	
BDS408	Clinical Periodontics I	1	4	2	
BDS409	Clinical Oral Surgery I	1	4	2	
Total		**9**	**32**	**17**	

* Four (04) Clinical Training Hours=1 Credit Hour

Semester 8

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Cl/T*	Cr. Hrs.	
BDS410	Clinical Operative Dentistry II	1	4	2	BDS401
BDS411	Clinical Prosthodontics II	1	4	2	BDS402
BDS412	Clinical Endodontics II	1	4	2	BDS403
BDS413	Clinical Pediatric Dentistry II	1	4	2	BDS404
BDS414	Clinical Orthodontics II	1	4	2	BDS405
BDS415	Clinical Periodontics II	1	4	2	BDS408
BDS416	Clinical Oral Surgery II	1	4	2	BDS409
BDS304	Preventive Dentistry and Nutrition	3	2	4	BDS206,BDS208
Total		**10**	**30**	**18**	

* Four (04) Clinical Training Hours=1 Credit Hour

In-Campus Clinical Training Program *: (Held at the end of the eighth semester)

Course No.	Course Title	Contact and Cr. Hrs.			Prerequisite
		Lec	Cl/T	Cr. Hrs.	
BDS417	Internal Clinical Training Fourth Year	-	20	2	All Clinical Courses BDS406,BDS407

Semester 9

Course No.	Course Title	Contact and Cr. Hrs.			Prerequisite
		Lec	Cl/T*	Cr. Hrs.	
BDS501	Ethics	1	-	1	-
BDS502	Geriatric Dentistry	1	-	1	All Clinical Courses BDS406,BDS407
BDS503	Clinical Dentistry I	-	32	8	All Clinical Courses BDS406,BDS407
BDS504	Applied Biostatistics	2	-	2	STA112 STA113
BDS505	Emergency Dental Care	1	4	2	All Clinical Courses BDS406,BDS407
BDS506	Implantology	1	1	1	All Clinical Course BDS406,BDS407s
BDS507	Treatment Planning and Seminars I	2	-	2	BDS316, BDS406
BDS513	Practice Management	1	-	1	xxx xxx
Total		**9**	**37**	**18**	

* Four (04) Clinical Training Hours=1 Credit Hour

Semester 10

Course No.	Course Title	Contact and Cr. Hrs.			Prerequisite
		Lec	Cl/T*	Cr. Hrs.	
BDS508	Clinical Dentistry II	-	32	8	BDS503
BDS509	Hospital Dentistry	-	8	2	BDS505
BDS510	Lasers and Modern Technology	1	1	1	BDS415, BDS416
BDS511	Treatment Planning and Seminars II	2	-	2	BDS507
BDS512	Research Project	1	-	1	BDS504
BDS514	Equipment Maintenance	1	1	1	-
xxx xxx	Elective Course 2	3	-	3	xxx xxx
Total		**8**	**42**	**18**	

* Four (04) Clinical Training Hours=1 Credit Hour

Internal Clinical Training Program *: (Held at the end of the tenth semester)

Course No.	Course Title	Contact and Credit Hrs.			Prerequisite
		Lec	Cl/T	Cr. Hrs.	
BDS515	Internal Clinical Training Fifth Year	-	20	2	All Clinical Courses BDS406,BDS407

Bachelor of Dental Surgery Courses Description

1) PHY 181 Physics / Dentistry (3 cr. /hrs.)

The course is designed to cover the basic concepts in most branches of classical mechanics, electricity and thermodynamics as well as some of modern physics concepts applicable to x-ray, lasers and radioactivity. X-ray, lasers, radioactivity and applications of these concepts in dentistry will also be covered.

2) PHC 145 General Chemistry / Dentistry (3 cr. /hrs.)

This course presents the fundamentals of certain topics in general chemistry. It includes two major parts: Part I is the general part, and Part II is the organic part. The general part will introduce the student to basic aspects of general chemistry, i.e. the atomic structures, electronic configuration, periodic table of elements, chemistry of metals, and the fundamentals of chemical bonds and chemical reactions. The organic part covers some important areas in organic chemistry, which include aliphatic and aromatic hydrocarbons, stereochemistry, as well as some functional groups, e.g.: alcohols, phenols and carbonyl compounds.

3) PHC 155 Biochemistry / Dentistry (4 cr. /hrs.)

The course is designed to provide a comprehensive survey of the major topics in biochemistry. It explores how the structure of proteins, carbohydrates, lipids, nucleic acids, and vitamins relates to their function. Metabolism and energy production as well as biosynthesis of small and macromolecules is discussed. Special topics such as Calcium metabolism, bone mineralization, and Dental caries are included.

4) PHC232 Pharmacology-I / Dentistry (2 cr. /hrs.)

This course will introduce the general aspects of pharmacokinetics and pharmacodynamics. Students will also learn basic pharmacotherapy for relevant disorders of cardiovascular system, Central Nervous System CNS, endocrine system, gastrointestinal system, including asthma and drugs of abuse that are pertinent to practice of dentistry.

5) PHC 233 Pharmacology-II / Dentistry (2 cr. /hrs.)

This course is designed to teach the students the various drugs used to control the pain and anxiety of dental patients as well as those used for treatment of different oral conditions. A special emphasis is made on the clinical indications, dosage, potential side effects and drug-

interactions. The course will also highlight the importance of standard practice in prescription writing to ensure both effectiveness of the treatment and patient safety.

6) BDS101 English for Special Purposes – Dentistry (3 cr./hrs.)

This course aims at preparing the students of Dentistry College to cope with the kind of English needed in the real life situations and field of specializations in the future. It enables the students to practice the four skills. The course develops the students' competence through using the language resource room, CD ROMs, the internet and some other audio-visual facilities.

7) BDS 201 Psychology and Behavioral Sciences (3 cr. /hrs.)

This course aims at providing dentistry students with an insight of psychology, and helps them to observe, evaluate and explain the behavior of people in relation to oral/dental health care in particular. The students are provided with information regarding basic psychological concepts, psychological disturbances and disorders, management techniques and their application specifically in the field of dentistry and healthcare. It is designed to be helpful to dental students by providing them an understanding of the people (patients and dental team members) they will come across in their dental practice/career. This will allow them to better understand the feelings and thoughts of their patients and help them relax and be comfortable during dental treatments.

8) BDS 102 Integrated Biological Sciences - I (3 cr. /hrs.)

This course deals with the study of two complementary branches of biology, human anatomy and human physiology which provide the basic concepts helping dental students understand how the human body is developed, the way it is built up and how it works. Objectives of this course are to develop the foundational knowledge and basic concepts necessary to independently perform the diagnostic and clinical skills.

9) BDS 104 Integrated Biological Sciences-II (4 cr. /hrs.)

This course is intended to help the dental students to understand the basic concepts of Anatomy and Physiology simultaneously, with emphasis on topics related to the dental practice. The course covers the study of the main body systems with great emphasis on the applied and the practical aspects. The teaching tools include CD presentations, Power Point presentations, videotapes and Internet explorations.

10) BDS 103 Histology and Cell Biology (3 cr. /hrs.)

This course provides students with general knowledge about the cell and various cellular organelles, and the characteristic structure of each organelle that enable it to perform essential functions within the cell. The students are also provided with wide knowledge concerning the morphological features of the four primary tissues and recognize their roles in forming organs. A basic knowledge of cell division, general embryology and genetics integrates the above information.

11) BDS 105 Oral Histology (4 cr. /hrs.)

This course describes in details the development and structure of the oral cavity and teeth. Students are provided with the basic concepts of oro-facial development and structures. The microscopic, histological and ultrastructural organizations of soft and hard oral tissues are studied in details. A considerable knowledge of functional and clinical correlation is also stressed.

12) BDS 106 Head and Neck Anatomy I (3 cr. /hrs.)

The course is intended to help the dental student to study and understand the basic terms and facts about the gross anatomy of the head and neck region of human body. The course includes the study of the detailed structures of the skull, the head and their nerve and blood

supply. The course also includes full descriptions of the various muscles and glands of the face, orbit, nasal cavity, oral cavity, floor of the mouth, palate and tongue. In general, the course will provide the dental student with the fundamental detailed structures of the skull and head as related to dental practice.

13) BDS 202 Head and Neck Anatomy II (3 cr. /hrs.)

The course deals with the description of the head and neck region including brain and spinal cord. The main elements are the nerves and vessels, lymphatic drainage, fascial spaces and muscles of neck, the pharynx and larynx with special reference to the anatomical basis of the management of upper airway obstruction and related radiology. Further it provides the relevant details of pain physiology, brain, spinal cord their development and cranial nerves function and test. In general, the course will provide the basis to the dental practice involving the anatomical structures.

14) BDS 203 Microbiology and Immunology (4 cr. /hrs.)

The course covers the fundamentals of microbiology with emphasis on oral microbiota, pathogens and defense mechanisms in the dental environment. The basics of immunology including the immune system and organisms of medical and dental significance; virus structure and classification, viral pathogenesis and mechanisms of host defense; hygiene covering pathogenesis of bacterial, infections, etiology, clinical picture, lab diagnosis, treatment, prevention and control of diseases caused by the different bacteria, are also discussed.

15) BDS 204 Pathology (3 cr. /hrs.)

This course covers the fundamentals of the basic disease process in the body. Students are provided with gross, microscopic and biochemical features of different pathological conditions. Objectives of this course are to study and understand different pathogenic processes in details in order to establish a sound foundation for clinical practice in dentistry. Teaching tools include power point plus projection, practical lessons with CD presentations and internet explorations.

16) BDS 206 General Medicine (4 cr. /hrs.)

This comprehensive course covers topics specific to the medical field, with interest to medically compromised patient as related to dental care. Students are provided with basic concept of general medical and infectious diseases. Teaching tools include: power point plus projection, practical lessons with CD presentations and internet explorations.

17) BDS 207 General Surgery and ENT (2 cr. /hrs.)

The course is intended to help dental students to study and understand the basic principles of surgery and ENT in relation to Dentistry and Oral and maxillofacial Surgery. The course includes the knowledge of the theoretical and practical approaches to the assessment of surgical and how to perform an effective risk assessment preoperatively based on the information obtained from case history, clinical examination, investigations in relation to the anaesthetic potential risks and also the invasiveness of the planned surgery. Also, the student will identify the pathology of tumors, cysts, fistulae, sinuses and ulcer in head and neck region. Information about trauma, tissue repairs and preoperative management of inpatients like administered fluids, water balance monitoring and indications and possible complications of blood transfusion are also included within the course. In addition, the student will study the various common diseases of the ear, nose, paranasal sinuses and pharynx. Finally, the students will learn the common postoperative complications seen in surgical patient whether due to anaesthesia, the surgical intervention or those initiated or aggravated by the existing morbid conditions of surgical patients.

18) BDS 208 Introduction to Oral and Dental Diseases (3 cr. /hrs.)

This is an introduction to profession of dentistry. This course provides students with knowledge and understanding of oral and dental diseases, their etiology, pathogenesis and different stages of these lesions and their clinical manifestations.

19) BDS 209 Dental Anatomy and Occlusion (4 cr. /hrs.)

This course deals with nomenclature as related to the morphology of the natural dentition. It includes theory related to the morphology of the deciduous and permanent teeth in the human dentition and features related to the normal occlusion. Laboratory exercises include wax-adding and carving to build up the crowns of permanent teeth, analyze occlusal patterns and correct occlusal disharmonies. Its significance is integrated with dental treatment in Operative dentistry, Endodontics, Prosthodontics, Periodontics and Orthodontics. This course will help students in diagnosing dental disorders affecting the crowns or roots of human teeth and thus forms a basic foundation to the understanding of clinical dentistry. The study of occlusion part of this course involves the whole masticatory system, it includes the static relationship of teeth as well as the functional inter-relationship between teeth, periodontal, tissue, jaws, temporomandibular joints (TMJ), muscles and nervous system.

20) BDS 205 Biomaterials (2 cr. /hrs.)

The course is designed to provide students with knowledge to define and memorize the physical, chemical, and biological properties of dental materials. The program emphasizes on employment of concepts in modern materials science to solve problem of dental treatment.

21) BDS 211 Oral Radiology-I (3 cr. /hrs.)

This course discusses the basic principles of X-ray production, the biological effects of ionizing radiation and radiation safety. This course demonstrates the intra oral and extra oral radiographic techniques and prepare the Students learn to take and interpret radiographs, and perform initial screening, examination and diagnosis. The course is integrated with different dental specialties. Objectives of this course are to develop the fundamental knowledge of x-ray production and skill to independently perform the radiographs and interpretation of radiographic normal anatomy.

22) BDS 301 Pre-Clinical Operative Dentistry I (3 cr. /hrs.)

The main components of this course are the principles of cavity preparation for the currently available restorations according to their physical and manipulative characteristics and the steps of cavity restorations. The restorative department during the two semesters of the third year provides them.

23) BDS 309 Pre-clinical Operative Dentistry II (3 cr. /hrsr.)

This course consists of two main components, the principle of cavity preparations for the currently available restorations and their physical and manipulative characteristics and cavity restorations. The restorative department provide the two course components during the fall and spring semesters of the third year.

24) BDS 302 Pre-Clinical Prosthodontics I (4 cr. /hrs.)

This is a dental technology course consists of lectures and pre-clinical laboratory practical sessions. Terminology, nomenclature, theories, principles, concepts and basic techniques necessary for the construction of complete denture service will be presented. The course is designed to prepare the student to understand the biological, esthetic and mechanical aspects of complete dentures treatments. Correlation of basic science concepts as related to mechanical and clinical conditions will be stressed.

25) BDS 310 Pre-Clinical Prosthodontics II (3 cr. /hrs.)

This course provides both didactic and practical sessions in dental technology. Students will be introduced to the dental skills laboratory (phantom head or the simulator). Lectures cover all the procedures of teeth preparation for fixed restorations, and the use of equipment and instruments needed for the construction of all types of fixed prosthodontics. More emphasis will be directed to the principles of tooth preparation. Included in the course practical sessions for the training of the students on how to prepare abutment teeth, apply impression techniques and making provisional restorations.

26) BDS 303 Pre-Clinical Endodontics I (2 cr. /hrs.)

The theoretical part covers topics which include an introduction to the subject, anatomy and morphology of the root canal system, access cavity preparation, cleaning and shaping of the root canal systems and it lays emphasis on possessing thorough knowledge of the various endodontic instruments. The pre-clinical practical component focuses on the treatment of anterior and premolar teeth. This prepares and enables students to be competent in treatment of clinical endodontic cases in the next year.

27) BDS 311 Pre-Clinical Endodontics II (2 cr. /hrs.)

The theoretical part covers topics which include root canal obturation, endodontic microbiology, endodontic mishaps management, pulp and periapical pathology, diagnosis and diagnostic procedures. The pre-clinical lab/practical component focuses on performing endodontic procedures on molars. This prepares the students to perform basic endodontic procedures prior to entering the clinics in next year.

28) BDS 210 Four Handed Dentistry and Infection Control (2 cr. /hrs.)

Four Handed Dentistry

This course describes the concept and advantages of four handed dentistry. It describes the ergonomic position for the patient, dental assistant and doctor and explain the responsibilities of the dental assistant during clinical dental work. The course also describes the ergonomic arrangement of dental clinic.

Infection Control:

This course explains the different ways of transmission of infectious diseases and emphasis on the immunization of all oral health care providers. The course describes the sterilization methods in dental practice, application of protective barriers, personal protective equipment and infection control during all clinical dental procedures.

29) BDS 304 Preventive Dentistry and Nutrition (4 cr. /hrs.)

The Preventive Dentistry and Nutrition course introduces the student to the principles and methods of prevention including information on etiology of dental caries, periodontal diseases and methods of preventing and controlling dental diseases through a preventive treatment plan and health education programs. In addition, this course provides the students with a basic knowledge of the essential nutrient materials in both health and disease, and discusses the role of the nutrition on the development, prevention and treatment of the oral and dental diseases.

30) BDS 305 Pre-Clinical Pediatric Dentistry I (2 cr. /hrs.)

This course introduces pediatric dentistry as an essential branch of dentistry related to child patients mainly focusing on the development and growth of oral/facial structures of children and recognizing the chronology of primary and permanent dentition. Different types of dental anomalies have been described with their genetic aspects. Child abuse and neglect are discussed in relation to pediatric dentistry. Psychological management, examination, diagnosis and treatment planning of child patient are introduced.

31) BDS 312 Pre-Clinical Pediatric Dentistry II (2 cr. /hrs.)

This course discusses radiographic as well as local anesthetic techniques used for child patient which needs specific modifications. Management and treatment of dental caries with different types of cavity preparations have been discussed. Also it describes vital and non –vital pulp therapy for primary teeth which considered an important issue in restoration and prevention of primary teeth extraction. On the other hand in case of loss of the primary teeth it is necessary to plan arch space analysis and construction of space maintainer to prevent space loss.

32) BDS 313 Pre-Clinical Orthodontics (2 cr. /hrs.)

The course will introduce the third year dental student to the fundamentals of orthodontics, including topics on the concepts of growth and development of the craniofacial structures, etiology of orthodontic problems, biological basis of orthodontic therapy, and clinical features of different malocclusions. This course is also designed to give the student a basic understanding of the skills required to fabricate removable orthodontic appliances that are typically indicated for limited tooth movement and retention in interceptive orthodontics.

33) BDS 306 Pre-Clinical Periodontics-I (1 cr. /hrs.)

This course describes in details the anatomy of periodontium and associated structures. Students are provided with the basic concepts of periodontal health. The microscopic, histological and ultrastructural organizations of soft and hard oral tissues are studied in detail. Basic knowledge of functional and clinical correlation is also stressed.

34) BDS 314 Pre-Clinical Periodontics-II (2 cr. /hrs.)

In this course lectures and practical training are given to students to expose them to immune response (host response) and periodontal pathogenesis. A complete spectrum of periodontal lesions and their pathogenicity, plaque control, trauma from occlusion, food impaction and halitosis are to be stressed.

35) BDS 307 Pre-clinical Oral Surgery-I and Pain Control (2 cr. /hrs.)

This preclinical course introduces the student to oral surgery and prepares him/her for clinical experience with dentoalveolar surgery. The student will learn to assess the patient, diagnose and treat basic oral surgical problems encountered in general practice. In addition, the goal of this course is to learn the pharmacology and toxicology of dental local anesthetic drugs and the proper techniques for their administration during dental extraction and related procedures.

36) BDS 315 Pre-Clinical Oral Surgery-II and C.P.R (3 cr. /hrs.)

The purpose of this course is to prepare the student to recognize advanced oral and maxillofacial surgery problems. Upon the completion of this course, the student will be able to formulate diagnosis and treatment plans in order to provide surgical care within the context of a patient-centered system of care delivery. In addition, this course will promote surgical principles and techniques to correct the pathologic conditions. The course also emphasizes the principles and application of skills in basic life support, external cardiac compression and the emergency medical systems. Students will learn how to evaluate and treat a patient who sustains cardiac arrest in the dental office or an airway obstruction, through the techniques of CPR and Foreign Body Airway Obstruction.

37) BDS 308 Oral Pathology-I (3 cr. /hrs.)

This course deals with the understanding of the basic disease processes affecting the head and neck regions. The etiopathogenesis, clinical features and histopathologic features of developmental disorders, non-odontogenic and odontogenic lesions, cysts and infections related to the teeth, their supporting structures, jaw bones and soft tissues in and around

the oral cavity will be dealt with. It also includes the oral manifestations of systemic diseases, like mucocutaneous disorders. The differential diagnosis and prognosis of various pathologies will also be considered.

38) BDS 316 Oral Pathology-II (3 cr. /hrs.)

This course is a continuation of Oral Pathology I. Students will continue learning the etiopathogenesis, clinical features and histopathologic features of non-odontogenic and odontogenic lesions, cysts and tumours related to the teeth, their supporting structures, jaw bones and soft tissues in and around the oral cavity. The oral manifestations of physical and chemical injuries to the oral tissues will also be detailed. The differential diagnosis and prognosis of various pathologies will also be considered.

39) BDS 407 Oral Radiology-II (2 cr. /hrs.)

The course deals with the acquisition and interpretation of radiographic imaging studies performed for diagnosis of conditions affecting the oral and maxillofacial region and assist in treatment planning.

40) BDS 401 Clinical Operative Dentistry-I (2 cr. /hrs.)

The course of operative dentistry consists of the diagnosis, prevention, treatment, and prognosis of the diseases and injuries inflicted upon the teeth. The course also includes the study of basic concepts of restoration relation to oral and dental tissues and the various restorative materials. The curriculum includes both didactic and clinical components over a period of two semesters, and involves a clinical training program. The clinical training program for two semesters involves a clinical application of principles and skills acquired, based on a comprehensive approach in the oral health care.

41) BDS 410 Clinical Operative Dentistry-II (2 cr. /hrs)

The course of operative dentistry consists of the prevention, diagnosis, treatment, and prognosis of the diseases and injuries inflicted upon the teeth. It serves as a defining clinical experience for the dental students by providing them with the opportunity to participate in the evaluation and management of discolored, fractured and endodontically treated teeth. The curriculum includes both didactic and clinical components, and involves a clinical training program. The clinical training program involves a clinical application of principles and skills acquired, based on a comprehensive approach in the oral health care.

42) BDS 402 Clinical Prosthodontics-I (2 cr. /hrs.)

This course consists of two main components - complete denture, and removable partial denture prosthodontics. Prosthodontic treatment planning principles are provided in lectures and the group seminars. The didactic component focuses on planning and integrating removable prosthodontic interventions within a continuum of comprehensive patient care. The clinical instructors will ensure that the knowledge acquired in the preclinical years of studying is towards evidence-based decision making regarding prosthodontic management of patients partially and completely edentulous jaws. The course will be presented in lectures and clinical sessions, the lectures cover various clinical techniques, the manipulation of dental materials, and how to use dental instruments and equipment.

43) BDS 411 Clinical Prosthodontics-II (2 cr. /hrs.)

The clinical fixed partial denture prosthodontics course consists of the theoretical part and the clinical training. The students should know how to do clinical examination, proper diagnosis and sound treatment plan. At the end of this course all students will be familiar with the best techniques of fixed partial dentures treatment, and will develop their manual dexterity in all clinical aspects for the construction of this type of prosthesis. Every student

should complete all the requirements needed, recognize the importance of the preservation of the prepared teeth, periodontal tissues, and other soft tissues of the oral cavity while performing all types of restorations.

44) BDS 403 Clinical Endodontics-I (2 cr. /hrs.)

This Course aims to enable the students to diagnose the need for endodontic therapy. Previous endodontic courses presented a biologic foundation relating to endodontic clinical diagnosis. Students are provided with the basic concepts of diagnosis and treatment planning including medically compromised patients. Advanced endodontic techniques and/ or treatment modalities for the following conditions are also discussed: endodontic retreatment, apexification and apexogenesis, internal and external resorption, traumatic injuries to teeth.

45) BDS 412 Clinical Endodontics-II (2 cr. /hrs.)

This Course aims to enable the students to gain knowledge and experience in endodontic treatment. Students are provided with the techniques used to determine success or failure of Endodontic treatment and the indication and contraindication of endodontic surgery, describing procedures and materials. Advanced endodontic techniques and/ or treatment modalities for the following conditions are also discussed: single visit root canal therapy, bleaching of discolored teeth, restoring endodontically treated teeth and relationship of orthodontic treatment, periodontal lesion to endodontic treatment.

46) BDS 404 Clinical Paediatric Dentistry-I (2 cr. /hrs.)

This course will reinforce basic knowledge developed during third year preclinical course, and facilitate continued development as the student performs routine pediatric dentistry procedures commonly employed in general dental practice. This course will also provide the fourth year dental student with a defining clinical experience that will include: diagnosis, prevention and treatment of the different pathological conditions in pediatric patients; classification, diagnosis and management of different traumatic injuries of oral and dental structures in primary and permanent teeth. Objectives of this course are to develop the foundational knowledge, skills and values necessary to independently perform diagnostic and clinical skills and participate safely in the care of pediatric patients.

47) BDS 413 Clinical Paediatric Dentistry-II (2 cr. /hrs.)

This course intends to inform and provide the dental student with sufficient knowledge on indications, techniques used in pharmacological methods of child's management including sedation and GA in management of anxious children. This course will also provide the fourth year dental student the team approach for the management of cleft lip and palate child at the level of the undergraduate students, dental management of special health care need children. They are also taught interceptive orthodontic methods in a growing child. Child abuse and neglect are discussed in relation to pediatric dentistry.

48) BDS 405 Clinical Orthodontics-I (2 cr. /hrs.)

This course introduces the dental student to the practice of orthodontics. The primary goal of this experience is to reinforce didactic concepts taught in the third year and build upon them in a manner that will better prepare the student to recognize, communicate and manage orthodontic problems in the general dentistry setting. In this manner, the student will be able to make proper diagnosis and differential diagnosis of patients of all ages, plan and execute the treatment of selected uncomplicated malocclusion cases.

49) BDS 414 Clinical Orthodontics-II (2 cr. /hrs.)

This course is intended to complement the orthodontic lectures and the pre-doctoral orthodontic experience; it will provide for each student to briefly present a clinical case and

to view a large number of clinical orthodontic cases and establish combination between orthodontic treatment and the other four dental specialties - Pedodontics, Periodontics, Prosthodontics and Oral Surgery. Multidisciplinary treatment approaches will be discussed in the lectures. Clinically, they will be discussed in the patient examination and diagnosis sessions.

50) BDS 406 Oral Diagnosis and Oral Medicine (3 cr. /hrs.)

This course describes in details the art of history taking, examination, investigation of oro-facial lesions and interpretation of the results of investigations. The course also will help the students to learn etiopathogenesis of local disease processes in orofacial area along with oral manifestation of systemic diseases affecting the oral mucosa. Students are provided with the basic concept of oral manifestation of psychiatric diseases and their management.

51) BDS 408 Clinical Periodontics-I (2 cr. /hrs.)

The lecture and clinical training will prepare the students to understand the clinical phenomena in terms of underlying tissue changes and comprehensive nature of periodontal response to therapy. The course focuses on differential diagnosis, prognosis and treatment planning of different forms of periodontal diseases. The solution of periodontal problems can be incorporated into the practice of dentistry.

52) BDS 415 Clinical Periodontics-II (2 cr. /hrs.)

This course consists of a didactic and clinical component. It will cover: treatment of different types of periodontal diseases, interrelation between periodontics and related dental specialties, an introduction to the surgical approaches in the management of moderate to advanced periodontal diseases, distinguish acute and chronic (mild, moderate and advanced) form of periodontal diseases and management by non-surgical and surgical treatment, and expose the students to focus on objectives of periodontal therapy, treatment planning and techniques including pre-prosthetic, pre-restorative, reconstructive surgery and knowledge necessary for advanced periodontal regeneration procedures.

53) BDS 409 Clinical Oral Surgery-I (2 cr. /hrs.)

This course will reinforce basic knowledge developed during third year preclinical course, and facilitate continued development as the student performs routine oral surgery procedures commonly employed in general dental practice. This course serves as a defining clinical experience for the dental students by providing them with the opportunity to participate in the evaluation and management of surgical patients such as with intraoral lesions, maxillary sinus and salivary gland pathologies to name a few. Objectives of this course are to develop the foundational knowledge, skills and values necessary to independently perform diagnostic and clinical skills and participate safely in the care of surgical patients.

54) BDS 416 Clinical Oral Surgery-II (2 cr. /hrs.)

The purpose of Clinical Oral Surgery II is to prepare the student to recognize advanced oral and maxillofacial surgery problems that in most cases will require referral to an oral and maxillofacial surgeon. Discussions will include diagnostic and treatment considerations relative to cases that require referral to an oral and maxillofacial surgeon as well as those that may be treated by the general dentist. The course will also describe the characteristics and surgical management of the more common trauma, anomalies and malignancies of the oral and maxillofacial region.

55) BDS 507 Treatment Planning and Seminars-I (2 cr. /hrs.)

Problem Oriented Learning (POL) is an instructional strategy to help students acquire and integrate basic science, behavioral, and clinical knowledge in the context of solving a patient

problem. POL is one of many instructional techniques used to teach problem solving. Problem Oriented Learning course is designed to give the students the experience to apply lecture materials to life-like situations and allows the student to experience the process as seen in daily clinical practice.

56) BDS 511 Treatment Planning and Seminars-II (2 cr. /hrs.)

This course is developed to give the students the experience to analyze their clinical cases, in order to enhance their clinical capability and patient management using case studies and patients presented by students. Treatment Planning and Seminar II will help the students to acquire and integrate their basic science, behavioral and clinical knowledge in the context of solving a patient's problem, including communication and ethical aspects. Topics presented are in a multidisciplinary field of dentistry, such as ethics, health care delivery, communication skills and practice management. Ethics related cases discussions will provide the needed experience to the dental students to the medico-legal aspects related to their future practice, in the fields of: Medical Ethics, Medical Responsibility and Forensic Medicine.

57) BDS 512 Research Project (1 cr. /hrs.)

The course is designed to enable the student to conduct a research project under the guidance of a teaching faculty. Students learn how to approach a research topic of interest, apply the basic principles of research design and to formulate the appropriate methodology and analysis for the research.

58) BDS 503 Clinical Dentistry-I (6 cr. /hrs.)

The purpose of this course is to reinforce and refine patient management skills that students have been introduced to in the fourth year courses. It is designed to observe, evaluate, and subsequently assist students in understanding and practicing proper comprehensive patient care and management. This course focuses on refinement and integration of clinical skills. It does not contain any formal theoretical lecturing. Students are assigned in clinical blocks for patient care and treatment planning. These treatment plans and completed treatment are discussed, and are evaluated as to the rationale and sequences used. Taught by an interdisciplinary faculty, this course considers strategies and approaches for the integration of isolated dental procedures into an appropriately sequenced treatment plan for comprehensive patient care.

59) BDS 508 Clinical Dentistry-II (7 cr. /hrs.)

This course is a continuation of Clinical Dentistry I, and does not contain any formal theoretical lecturing. Small group clinical discussions and demonstrations will be taken by the faculty. It is designed to provide students with more clinical experience in the care of patients with a focus on an advanced comprehensive care and treatment planning. Students are assigned in clinical blocks for patient care and treatment planning. All treatment options are discussed so that the student learns the fundamentals of good treatment planning and patient care. Taught by an interdisciplinary faculty, this course considers strategies and approaches for the integration of isolated dental procedures into an appropriately sequenced treatment plan for comprehensive patient care. The course mainly focuses on improving the quality of comprehensive care expected of a graduating student.

60) BDS 502 Geriatric Dentistry (1 cr. /hrs.)

This course focuses on issues and concerns related to the rapidly increasing elderly population. It also provides the student with an understanding of the aging process and the multidisciplinary needs of the older patient. Myths and stereotypes about aging and the aged, which exist and influence the provision of health care to the older population, will be

discussed and expelled. It will provide the student with a framework of knowledge about the biological, psychological, sociological, behavioral and general medical aspects of aging from which treatment can be planned and provided appropriately. A multidisciplinary team of speakers will present approaches that will help the student in integrating dental training and practice with the management, diagnosis and treatment of the older patient.

61) BDS 501 Ethics (1cr. /hrs.)

Dental ethics is the systematic and critical study of morality as it pertains to the practice of dentistry. The course consists of 16 hours of classroom lecture and discussion. It is designed to heighten students' awareness of the importance of ethical issues as they relate to dentistry. The curriculum provides students with an understanding of ethical principles, which have direct relevance to students' training and future practice experience. It focuses on common ethical dilemmas found in the relationships between dentist and patient, between dentists themselves, and between dentist and society.

62) BDS 504 Applied Biostatistics (2 cr. /hrs.)

This course provides the dental students with the necessary background of specific statistics relevant to the medical / dental fields in addition to adequate knowledge of study design in medical and dental research, enabling the dental student to critically evaluate and apply the appropriate statistics to dental and medical research.

63) BDS 513 Practice Management (1cr. /hrs.)

This course is designed to provide the senior dental student with a general introduction to the basic principles of dental practice management. Primary focus will be on developing an understanding of various management concepts, processes and its role in obtaining an effective overall management of dental practice. The topics focused on include staff management, patient management, legal concepts and terminologies, office design, equipment placement, occupational hazard, appointments management, records management, dental insurance system, inventory and supply management.

64) BDS 514 Equipment Maintenance (1cr. /hrs.)

This course focus on basic principles of various dental equipment, their operations and general preventive maintenance procedures. It also covers basic electrical theories and electrical safety precautions while dealing with dental equipment. Additionally, advances in dental equipment technologies will also be covered in this course. This course helps the students to build the required skills and confidence to perform routine maintenance and minor repairs without the help of Biomedical technicians/Engineers.

65) BDS 505 Emergency Dental Care (2 cr. /hrs.)

This course provides a study of dental office emergencies with emphasis on prevention, prompt recognition and effective emergency care. Emphasis is also placed on etiology of common chronic oral diseases, treatment of specific dental emergencies and applicable assessment methods used in the prevention of emergencies related to the particular disease process. The course also deals with the use of emergency drugs and equipment.

66) BDS 509 Hospital Dentistry (2 cr. /hrs.)

Fifth year students are assigned for six weeks to an affiliated hospital. During this rotations, students are assigned to hospitalized patients to reinforce principles of physical diagnosis for patients with severe medical problems, learn to request and answer consultations.

67) BDS 510 Lasers and Modern Technology (1 cr. /hrs.)

This course is designed to provide the students with the fundamentals of laser technology and its use in dental practice including oral and maxillofacial surgery, periodontics, preventive and operative dentistry with more emphasis on the understanding and

appreciation of laser safety measures. In addition, this course will introduce the students to some of the latest technologies in the dental field and their applications.

68) BDS 506 Implantology (1 cr. /hrs.)

This comprehensive lecture course presents the scientific basis and clinical applications of modern dental implantology techniques, and cover both the surgical procedures and periodontics and prosthodontics consideration in implant dentistry. Students perform implantology procedures in lab setting.

69) BDS 517 Internal Clinical Training (2 cr. /hrs.)

This clinical course is in the summer semester of the fourth year of the dental curriculum. It is designed to provide students with clinical experience in the care of patients in the areas of Periodontics, Operative Dentistry, Endodontics, Pediatric Dentistry and Oral Surgery with a focus on comprehensive care and treatment planning. There is no theoretical component to this course. Students are assigned patients having various dental problems, and they have to formulate a comprehensive diagnosis and treatment planning, including patient and clinical management.

70) BDS 515 Internal Clinical Training (2 cr. /hrs.)

This clinical course is offered in the summer semester of the fifth year of study. It is designed to provide students with clinical experience in the care of patients in the areas of Periodontics, Operative Dentistry, Endodontics, Pediatric Dentistry and Oral Surgery with a focus on comprehensive care and treatment planning. There is no theoretical component to this course. It reinforces and refines the student's knowledge and skill required for the graduate level of clinical practice of dentistry. Students are assigned patients having various dental problems, and they have to formulate a comprehensive diagnosis and treatment planning, including patient and clinical management. Students are expected to perform comprehensive care at an advanced level from that of the previous summer semester.

14 | College of Engineering and Technology

Department of Electrical Engineering

Engineering is the profession of applying theories and fundamentals of pure science to solve practical problems and develop new equipment, instruments and techniques to meet the needs of society in a variety of areas such as electrical power, electronics, communication.

Mission

Consistent with the University mission, the Department of Electrical Engineering has been established to provide high quality education in engineering. The College programs focus on teaching students the fundamental principles of engineering and their applications to solving real-world problems. It places special emphasis on developing the technical as well as generic skills of its students so that they are well qualified for gainful employment in their area of specialization and can effectively contribute to the technological advances of the community. The programs also seek to prepare the students to undertake graduate studies in their area of specialization.

Goals

Academic programs of the Department of Electrical Engineering are designed to produce graduates who are:

- Competent engineers with sound knowledge and professional attitude
- Capable of applying theoretical knowledge to solve practical problems
- Equipped with skills required for productive engineering careers
- Able to perform as individuals and team members
- Proficient in oral and written communication
- Motivated for life-long learning throughout their careers
- Capable of pursuing graduate studies

Programs Offered

- Bachelor of Science in Electrical Engineering/Electronics and Communication
- Bachelor of Science in Electrical Engineering/Power and Renewable Energy

Admission Requirements for Undergraduate Programs

1. A minimum high school average of 75% for Elite Track or 80% for Advanced Track or equivalent in starndarized international systems.
2. EMSAT score of 1100 for English Language or an equivalent English Proficiency Test approved by CAA.
3. EmSat score of 600 for Arabic Language. Alternatively, on-Arab students can register in a non-credit Introduction Arabic language course at USTF.
4. EMSAT score of 900 in Mathematics or equivalent.
5. EMSAT score of 800 in Physics or equivalent.

Facilities

Academic Staff

College members hold terminal degrees from internationally-recognized universities and are well versed in their areas of specialization.

Laboratories

The College of Engineering and Technology has well-equipped laboratories which provide practical hands-on experience to engineering students of all specializations. The specialized laboratories in the College are as follows:

- Electronics Laboratory
- Communication Laboratory
- Project Laboratory
- Computer Laboratory
- Machine and Power Laboratory

Lecture Rooms

Lecture rooms are equipped to facilitate the use of audiovisual aids such as overhead projectors, slide projectors, computer projection devices and video players. Many lecture rooms are also connected to the university computer network.

Other Facilities

College of Engineering and Technology students have access to a wide range of university facilities including computer labs, learning and information resources, a bookshop, sports and recreation facilities, cafeteria and clinics.

Training

External training is an essential part of the curriculum of all College of Engineering and Technology programs. Students are required to complete external training lasting from three to four months (depending on the program). The College has extensive links with local organizations such as engineering companies, hospitals, power plants, interior design companies and telecommunication firms, who offer on-site external training to engineering students. The aim of the external training program is to enable students to acquire practical skills, gain an understanding of the work environment and improve their communication skills.

Prior to the external training, students of Electrical Engineering programs take part in an internal training program to enhance their practical and professional skills.

The Electrical Engineering Program (Bachelor of Science in Electrical Engineering)

The Electrical Engineering program offered by the Department of Electrical Engineering is appropriate to the University mission and its design and composition as well as its delivery and assessment of learning outcomes are in accordance with international academic norms. There is a regular process of assessment and evaluation and the results of such evaluation are regularly utilized for continuous improvement of the program. Its program learning outcomes are appropriate to the level of qualifications awarded and are consistent with the UAE Qualification Framework (QF Emirates).

The EE program requires a total of 142 credit hours for graduation. This includes 3 credit hours for 16 weeks of practical training (internship) in engineering organizations preceded by 2 weeks of intensive internal training in the Electrical Engineering Program. A student can complete all the requirements for graduation in a period of four years. For graduation, a student must have cumulative GPA of at least 2.0. Depending upon the chosen concentration, students are awarded degrees as follows:

- B. Sc in Electrical Engineering (Electronics and Communication)
- B. Sc in Electrical Engineering (Power and Renewable Energy)

The first three years of the study plan will be exactly the same for all concentrations and only in the final (fourth) year, students will take some different specialization courses.

Program Goals

The EE Program Goals, also referred to as Program Educational Objectives (PEOs), are stated below. Graduates of EE program shall be:

1. Contributing as productive individuals, team members, and leaders in electrical engineering profession.
2. Updating and adapting their knowledge and abilities in their major field and associated disciplines.
3. Engaging with the community at all levels in an ethical and professional manner.
4. Pursuing graduate studies in electrical engineering and related fields both inside and outside the United Arab Emirates.

Program Outcomes (POs)

The Program Outcomes (POs) are also referred to as Student Outcomes (SOs). To combine both terminologies, these outcomes may also be referred to as Student/Program Outcomes. The EE program has 12 Program Outcomes, stated as A to L, as given below.

a. An ability to apply knowledge of mathematics, science, and engineering
b. An ability to design and conduct experiments, as well as to analyze and interpret data
c. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
d. An ability to function on multidisciplinary teams
e. An ability to identify, formulate, and solve engineering problems
f. An understanding of professional and ethical responsibility
g. An ability to communicate effectively
h. The broad education necessary to understand the impact of engineering solution in a global, economic, environmental, and societal context
i. A recognition of the need for, and an ability to engage in life-long learning
j. A knowledge of contemporary issues

k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice
l. An ability to demonstrate broad knowledge in the field of electrical engineering and specialized knowledge in chosen concentration.

Relationship of Program Outcomes to Program Goals

The Program Goals, based on the needs of its constituents, are broad statements. On the other hand, the Program or Student Outcomes (POs or SOs), derived from Program Goals, are defined in measurable terms and represent the abilities and attributes of students at the time of their graduation. Accordingly, there must be a well-defined relationship between Program Outcomes and Program Goals as the former will assist in attaining the latter. For the EE program, this relationship is given in Table 1 which shows how SOs will prepare graduates to attain the Program Goals. The relationship between Program Outcomes and Program Goals are shown in the following table.

The rationale for the table is as follows:

Goal #1: The most relevant program outcomes are those related to technical competence, i.e. A, B, C, E, K, and L. Outcomes D and G are relevant because teamwork and effective communication play an important role in professional environment.

Goal #2: Outcomes I, K, L are relevant because with their current knowledge and skills as well as ability for life-long learning, graduates will be able to continually update their knowledge and skills.

Goal #3: Outcomes F, H, J are relevant since in addition to an understanding of professional and ethical responsibility, it is also important to have knowledge of contemporary issues and the impact of engineering solutions while engaging with the community at different levels.

Program Outcomes	Program Goals (Abbreviated)			
	Goal #1 Productively contributing in EE Profession	**Goal #2** Updating their knowledge and abilities	**Goal #3** Ethical and professional community engagement	**Goal #4** Pursuing graduate studies
A	✓			✓
B	✓			✓
C	✓			✓
D	✓			
E	✓			✓
F			✓	
G	✓			✓
H			✓	
I		✓		✓
J			✓	
K	✓	✓		✓
L	✓	✓		✓

Goal #4: For graduate studies all outcomes related to technical competence, i.e. A, B, C, E, K, and L are relevant. In addition, outcomes G and I are important because they relate to communication skills and self-learning ability.

Alignment of Program Outcomes to QF Emirates

The Program Outcomes are consistent with the level of qualification awarded as defined in the UAE Qualification Framework. Out of twelve Program Outcomes, four each are for knowledge, skills, and competencies, as follows:

1. **Knowledge:**
   - An ability to apply knowledge of mathematics, science, and engineering.
   - An ability to identify, formulate, and solve engineering problems.
   - A knowledge of contemporary issues.
   - An ability to demonstrate broad knowledge in the field of electrical engineering and specialized knowledge in chosen concentration.

Program Outcomes	**Strand 1** Knowledge	**Strand 2** Skills	**Strand 3** Autonomy and Responsibility	**Strand 4** Role in Context	**Strand 5** Self-Development
A. an ability to apply knowledge of mathematics, science, and engineering	X				
B. an ability to design and conduct experiments, as well as to analyze and interpret data		X			
C. an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability		X			
D. an ability to function on multidisciplinary teams			X		
E. an ability to identify, formulate, and solve engineering problems	X				
F. an understanding of professional and ethical responsibility				X	
G. an ability to communicate effectively		X			
H. the broad education necessary to understand the impact of engineering solution in a global, economic, environmental, and societal context				X	
I. a recognition of the need for, and an ability to engage in life-long learning					X
J. a knowledge of contemporary issues	X				
K. an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice		X			
L. an ability to demonstrate broad knowledge in the field of electrical engineering and specialized knowledge in chosen concentration.	X				

2. **Skills:**
   - An ability to design and conduct experiments, as well as to analyze and interpret data.
   - An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
   - An ability to communicate effectively.
   - An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
3. **Competencies:**
   - An ability to function on multidisciplinary teams.
   - An understanding of professional and ethical responsibility.
   - Understanding of the impact of engineering solution in a global, economic, environmental, and societal context.
   - A recognition of the need for, and an ability to engage in life-long learning.

Career Opportunities

Graduates of the electrical engineering pursue careers in a wide range of industries and services, including the electronic and computer industries, industrial manufacturing plants, security control systems, design automation companies, product design and development companies, major service companies for electronic appliances, mobile telephone industry, digital communication and networking industry, television and radio services, telecommunication companies, electrical power generation companies, electrical power distribution services, and renewable energy system design companies.

Graduation Requirements

The Bachelor of Science degree is awarded upon the fulfillment of the following:

- Successful completion of all courses in the program curriculum (139 credit hours)
- Successful completion of 2 weeks of internal training and 16 weeks of external training at engineering companies (3 credit hours)
- The cumulative grade points average CGPA is at least 2.0

Degree requirements

The B.Sc. degree in Electrical Engineering requires the completion of 142 Cr. Hrs. (139 Cr. Hrs of course work plus 3 credit hours of internship distributed as follows:

Type of Courses	Credit Hours
1. University General Education Requirements	**24**
(a) University Required Courses	15
(b) University Elective Courses	9
2. College Required Courses	**33**
3. EE Required Courses	**57**
4. Specialization Courses	**19**
5. Graduation Projects I and II	**6**
6. Internship	**3**
Total Credit Hours	142

(1) University General Education Requirements

(a) University Compulsory Courses (15 Credit Hours)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS111	Emirates Society (Arabic)	3
EMS112	Emirates Society (English)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3

(b) University Elective Courses (9 credit hours)

(i) Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
STA112	Statistics (English)	3

(ii) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
COM111	IT Fundamentals (English)	2 Theory + 2 Practical

(iii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ENV111	Environmental Science	3

(2) College Requirements (33 Credit Hours)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Th.	Lab.	Tut.	Cr. Hrs.	
MTH121	Engineering Mathematics I	3	0	2	3	---
PHY121	Engineering Physics I	3	2	2	4	---
CHE101	Chemistry for Engineers	2	2	0	3	---
ELE101	Computer Programming	3	0	2	3	COM111
MTH122	Engineering Mathematics II	3	0	2	3	MTH121
PHY122	Engineering Physics II	3	2	2	4	---
ELE102	Introduction to Engineering	1	0	1	1	---
ELE301	Report Writing and Presentation	3	0	1	3	ELE102 + Junior Standing
MTH221	Engineering Mathematics III	3	0	2	3	MTH122
MTH222	Engineering Mathematics IV	3	0	2	3	MTH221
ELE410	Engineering Management	3	0	0	3	ELE301

(3) Electrical Engineering Required Courses (57 Credit Hours)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Th.	Lab.	Tut.	Cr. Hrs.	
ELE202	Logic Design	3	2	2	4	COM111
ELE206	Engineering Analysis	3	0	2	3	ELE101
ELE203	Circuit Analysis I	3	2	2	4	PHY122
ELE205	Electronic Devices and Circuits I	3	2	2	4	ELE203
ELE204	Signal and Systems	3	0	2	3	MTH221
ELE207	Circuit Analysis II	3	2	2	4	ELE203
ELE305	Electronic Devices and Circuits II	3	2	2	4	ELE205
ELE302	Principles of Communications	3	2	2	4	ELE204

ELE303	Electromagnetic Fields and Wave Propagation	3	0	2	3	PHY122 MTH221
ELE307	Control Systems	3	2	2	4	ELE204
ELE310	Design with Integrated Circuits	3	2	0	4	ELE305
ELE314	Microcontrollers and Applications	3	2	0	4	ELE101, ELE202
ELE313	Sensors and Instrumentation	3	2	0	4	ELE305, ELE206
ELE312	Power Systems and Electrical Machines	3	2	0	4	ELE207
ELE304	Probability and Random Variables	3	0	2	3	MTH122
ELE465	Senior Seminar	1	0	0	1	ELE301

(4) Specialization Required Courses and Graduation Projects (16 Cr. Hrs.)

(a) Electronics and Communication Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Th.	Lab.	Tut.	Cr. Hrs.	
ELE425	Optoelectronics	3	0	0	3	ELE305 ELE303
ELE451	Communication and Switching Networks	3	2	0	4	ELE302
ELE455	Wireless Communication	3	0	0	3	ELE302, ELE303
ELE438	Graduation Project I	1	4	0	3	ELE310
ELE439	Graduation Project II	1	4	0	3	ELE438

(c) Power and Renewable Energy Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Th.	Lab.	Tut.	Cr. Hrs.	
ELE463	Renewable Energy Systems	3	2	0	4	ELE312
ELE464	Power System Analysis	3	0	0	3	ELE312
ELE477	Smart Grid Renewable Energy Systems	3	0	0	3	ELE463
ELE468	Graduation Project I	1	4	0	3	ELE310
ELE469	Graduation Project II	1	4	0	3	ELE468

(5) Specialization Elective Courses (9 Cr. Hrs.)

(a) Electronics and Communication Concentration

The student will take three of the following Specialization Electives as approved by the academic advisor..

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Th.	Lab.	Tut.	Cr. Hrs.	
ELE421	VLSI Design	3	0	0	3	ELE305, ELE202
ELE450	Digital Signal Processing	3	0	0	3	ELE204
ELE456	Telecommunication Systems	3	0	0	3	ELE302
ELE491	Industrial Control Systems	3	2	2	4	ELE307
ELE463	Renewable Energy Systems	3	2	0	4	ELE312
ELE436	Selected Topics in Electronic and Communication	3	0	0	3	ELE305 , ELE320
ELE437	Directed Study in Electronic and Communication	3	0	0	3	ELE310, ELE302 + Approval

(b) Power and Renewable Energy Concentration

The student will take three of the following Specialization Electives as approved by the academic advisor.

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Th.	Lab.	Tut.	Cr. Hrs.	
ELE492	Power Switching Devices	3	0	0	3	ELE207, ELE305
ELE491	Industrial Control Systems	3	2	2	4	ELE307
ELE470	Power System Protection and Control	3	0	0	3	ELE312, ELE307
ELE471	Power Generation and Transmission	3	0	0	3	ELE312
ELE472	Electrical Power Distribution Systems	3	0	0	3	ELE312
ELE478	Selected Topics in Power and Renewable Energy	3	0	0	3	ELE463
ELE479	Directed Study in Power and Renewable Energy	3	0	0	3	ELE463 + Approval

Proposed Sequence of Study

First Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ARB111	Communication Skills in Arabic Language	3	3	--	--	---
COM111	IT Fundamentals	3	2	2	--	---
MTH121	Engineering Mathematics I	3	3	--	2	---
PHY121	Engineering Physics I	4	3	2	2	---
CHE101	Chemistry for Engineers	3	2	2	--	---
ELE102	Introduction to Engineering	1	1	--	1	---
Total		**17**	**15**	**6**	**5**	

First Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ISL114	Islamic Culture	3	3	--	1	---
ELE101	Computer Programming	3	3	--	2	COM111
MTH122	Engineering Mathematics II	3	3	--	2	MTH121
PHY122	Engineering Physics II	4	3	2	2	---
ENG111	English Communication Skills	3	3	--	--	---
Total		**16**	**15**	**2**	**7**	

First Year - Summer Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ENV111	Environmental Sciences	3	3	--	--	---
EMS112	Emirates Society (English)	3	3	--	--	---
Total		**6**	**6**	**0**	**0**	

Second Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
STA112	Statistics	3	2	2	--	---
ELE202	Logic Design	4	3	2	2	COM111
ELE206	Engineering Analysis	3	3	--	2	ELE101
ELE203	Circuit Analysis I	4	3	2	2	PHY122
MTH221	Engineering Mathematics III	3	3	--	2	MTH122
Total		**17**	**14**	**6**	**8**	

Second Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ELE205	Electronic Devices and Circuits I	4	3	2	2	ELE203
ELE204	Signals and Systems	3	3	--	2	MTH221
ELE207	Circuit Analysis II	4	3	2	2	ELE203
MTH222	Engineering Mathematics IV	3	3	--	2	MTH221
INN311	Innovation and Entrepreneurship	3	3	--	--	60 Cr. Hrs.
Total		**17**	**15**	**4**	**8**	

Third Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ELE305	Electronic Devices and Circuits II	4	3	2	2	ELE205
ELE302	Principles of Communication	4	3	2	2	ELE204
ELE303	Electromagnetic Fields and Wave Propagation	3	3	--	2	PHY122 MTH221
ELE312	Power Systems and Electrical Machines	4	3	2	--	ELE207
ELE304	Probability and Random Variables	3	3	--	2	MYH122
Total		**18**	**15**	**6**	**8**	

>>>> Internal Training (2 Weeks in Spring Break)

Third Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ELE310	Design with Integrated Circuits	4	3	2	--	ELE305
ELE307	Control Systems	4	3	2	2	ELE204
ELE313	Sensors and Instrumentation	4	3	2	--	ELE305 , ELE206
ELE314	Microcontrollers and Applications	4	3	2	--	ELE101 , ELE202
ELE301	Report Writing and Presentation	3	3	--	1	ELE102 + Junior Standing
Total		**19**	**15**	**8**	**4**	

Third Year - Summer Semester

>>>> ELE497: Engineering Training I (8 Weeks in Summer)

Final Year - (Electronics and Communication)

Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ELE451	Communication and Switching Networks	4	3	2	--	ELE302
ELE425	Optoelectronics	3	3	--	--	ELE305, ELE303
ELE438	Graduation Project I	3	1	4	--	ELE310
ELE465	Senior Seminar	1	1	--	--	ELE301
ELEXXX	Technical Elective I	3	3	--	--	As Specified
Total		**14**	**11**	**6**	**--**	

Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ELE455	Wireless Communication	3	3	--	--	ELE302 ELE303
ELE439	Graduation Project II	3	1	4	--	ELE438
ELEXXX	Technical Elective II	3	3	--	--	As Specified

ELEXXX	Technical Elective III	3	3	--	--	As Specified
ELE410	Engineering Management	3	3	--	--	ELE301
Total		**15**	**13**	**4**	**--**	

Summer Semester

>>>> ELE497: Engineering Training II (8 Weeks in Summer)

List of Technical Electives for Electronics and Communication Concentration:

The student will take three of the following Technical Electives. Approval of academic advisor is required if a student intends to take one 400 level technical elective outside the below list.

Course Code	Course Title	Cr. Hrs.	Prerequisite
ELE421	VLSI Design	3	ELE305, ELE202
ELE450	Digital Signal Processing	3	ELE204
ELE456	Telecommunication Systems	3	ELE302
ELE491	Industrial Control Systems	4	ELE307
ELE463	Renewable Energy Systems	4	ELE312
ELE436	Selected Topics in Electr. and Comm.	3	ELE305, ELE320
ELE437	Directed Study in Electr. and Comm	3	ELE310, ELE302 + Approval

Final Year – (Power and Renewable Energy)

Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ELE463	Renewable Energy Systems	4	3	2	--	ELE312
ELE464	Power System Analysis	3	3	--	--	ELE312
ELE468	Graduation Project I	3	1	4	--	ELE310
ELEXXX	Technical Elective I	3	3	--	--	As specified
ELE465	Senior Seminar	1	1	--	--	ELE301
Total		**14**	**11**	**6**	**--**	

Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Th.	Lab.	Tut.	
ELE477	Smart Grid Renewable Energy Systems	3	3	--	--	ELE463
ELE469	Graduation Project II	3	1	4	--	ELE468
ELEXXX	Technical Elective II	3	3	--	--	As specified
ELEXXX	Technical Elective III	3	3	--	--	As specified
ELE410	Engineering Management	3	3	--	--	ELE301
Total		**15**	**13**	**4**	**--**	

Summer Semester

>>>> ELE497: Engineering Training II (8 Weeks in Summer)

List of Technical Electives for Power and Renewable Energy:

The student will take three of the following Technical Electives. Approval of academic advisor is required if a student intends to take one 400 level technical elective outside the below list.

Course Code	Course Title	Cr. Hrs.	Prerequisite
ELE492	Power Switching Devices	3	ELE207, ELE305
ELE491	Industrial Control Systems	4	ELE307
ELE470	Power System Protection and Control	3	ELE312, ELE307
ELE471	Power Generation and Transmission	3	ELE312
ELE472	Electrical Power Distribution Systems	3	ELE312
ELE478	Selected Topics in Power and Renewable Energy	3	ELE463
ELE479	Directed Study in Power and Renewable Energy	3	ELE463 + Approval

Electrical Engineering Department Course Description (Lec, Lab, Cr. Hrs)

ELE205 Electronic Devices and Circuits I (3-2-4)

Basic properties of semiconductor materials. Theory of operation and applications of p-n junction diodes, zener diodes and photodiodes. Theory of operation, biasing circuits, and small signal analysis of Bipolar Junction Transistor and Junction Field Effect Transistor. Transistor configurations and two-port network representation of transistor a.c. equivalent circuits. Analysis and design of transistor amplifier circuits. Prerequisite: ELE203

ELE305 Electronic Devices and Circuits II (3-2-4)

Operational amplifiers and their applications. MOSFETs: theory of operation and characteristics of depletion and enhancement type MOSFETs, analysis of various biasing circuits. Small-signal model and AC analysis of amplifiers. Frequency response of amplifiers. Multistage amplifiers. Feedback amplifiers and oscillator circuits. Power amplifiers. Prerequisite: ELE305

ELE310 Design with Integrated Circuits (3-2-4)

A review of Op-Amps and Digital IC families. Design of analog signal conditioning circuits. Design of power supplies using IC regulators. Op-amp applications. Design of systems for measuring and displaying the measured values on LEDs. Applications of ADC, DAC, and counter ICs. Optoisolators, triacs, and control of high-voltage systems and actuators. Design of signal generators. Applications of commonly used ICs such as VCO, PLL, Timer IC, F/V and V/F ICs. Prerequisite: ELE305

ELE421 VLSI Design (3-0-3)

Introduction to VLSI design. Review of basic logic gates in CMOS. Integrated circuit layers, sheet resistance, time delay, CMOS layers, designing FET arrays, stick diagrams, layouts of CMOS circuits. Fabrication of CMOS ICs. Design rules, physical limitations. Advanced techniques in CMOS logic circuits. General VLSI system components. Floor-planning and routing. DRAM, SRAM, ROM designs. Computer simulation using VHDL or Verilog. Prerequisites: ELE305, ELE202

ELE425 Optoelectronics (3-0-3)

Fundamental concepts of semiconductors optical properties. Characteristics and classification of detectors. Radiation sources, classification of radiation sources. Population inversion and gain in a two-level lasing medium. Optical feedback and laser cavity. P-N junction laser operating principles, threshold current, Hetero-junction lasers, Quantum well lasers, device fabrication and fiber coupling. Optical fibers and design of optical systems. Prerequisites: ELE305, ELE303

ELE204 Signals and Systems (3-0-3)

Continuous- and discrete-time signals and systems. Basic system properties. Linear Time-Invariant (LTI) systems. Properties of LTI systems. Convolution sum. Fourier series of periodic signals. Fourier transform of non-periodic signals. Filtering. Analysis of continuous-time LTI systems using Laplace transform. Prerequisite: MTH221

ELE302 Principles of Communication (3-2-4)

Introduction to fundamentals of communication systems. Amplitude Modulation (AM): Modulation index, spectrum of AM signals, AM circuits. Single side band modulation, frequency division multiplexing. Frequency Modulation (FM): Spectrum of FM signals, FM circuits. FM versus AM. Sampling, quantization, coding, pulse code modulation, delta modulation, time division multiplexing. Shift Keying methods. Prerequisite: ELE204

ELE303 Electromagnetic Fields and Wave Propagation (3-0-3)

Electrostatics: Coulomb's Law, Gauss's Law. Electric fields in material space, Polarization in Dielectrics. Ampere's Law, Stoke's Theorem. Time-varying Fields, Faraday's Law, Maxwell's Equations in point form, Maxwell's equations in integral form, boundary conditions. Wave equation, plane wave propagation, Poynting vector and average power. Transmission line theory, reflection and transmission on transmission lines. Prerequisites: PHY122, MTH221

ELE450 Digital Signal Processing (3-0-3)

Review of discrete-time signals and systems. Transform-domain representations of signals: Discrete-time Fourier Transform, Fast-Fourier Transform, applications of Z-Transform. Transform-domain representations of LTI systems: Types of transfer functions, stability condition and test. Frequency response of a Rational Transfer Function. The difference equation and Digital Filtering. Concept of filtering: Finite Impulse Response (FIR) and Infinite Impulse Response (IIR) Filters. Prerequisite: ELE204

ELE451 Communication and Switching Networks (3-2-4)

Introduction to computer networks, protocol architecture and OSI reference model. Local Area Network (LAN): Topologies and transmission media. high-speed LAN. Token-Ring, FDDI. Circuit switching and packet switching, ISDN, DSL, packet switching network, X.25, frame relay, ATM. Internetworking devices. UDP, TCP architecture, Internet protocols, TCP/IP. Application Layer: Client-server model, socket interface, SMTP, FTP, HTTP, and WWW. Wireless Networking. Prerequisite: ELE302

ELE456 Telecommunication Systems (3-0-3)

Introduction to telecommunication systems. Telecommunication fundamentals and transmission media characteristics. Design analog and digital data transmission schemes. Telephony systems: ISDN and PSTN, essentials of traffic engineering. Overview of Wireless LAN technology. Comparison of ZigBee with other standards and applications. Introduction to satellite and fiber optic based communications. Prerequisite: ELE302

ELE455 Wireless Communications (3-0-3)

Introduction to cellular mobile radio systems: Cellular-concept system design fundamentals, trunking and grade of service. Mobile channel, large scale and small-scale fading. Outdoor propagation models. Multiple access techniques for mobile communication. Modern wireless communication systems: Second-generation (2G) cellular networks, Third-Generation (3G) and Fourth Generation (4G) wireless systems. Prerequisites: ELE302, ELE303

ELE101 Computer Programming (3-0-3)

Problem solving using flowcharts, structure of a C++ program, data types, operators, variables and constants. Input and output, output formatting. Control Statements: IF and SWITCH, WHILE, DO-WHILE and FOR statements. Function definition and calling, library functions, arrays and strings, pointers. File input and output. Prerequisite: COM111

ELE202 Logic Design (3-2-4)

Basic theorems and properties of Boolean Algebra and Boolean functions. Simplification of Boolean functions: Karnaugh Map and Tabulation Method. Product of Sums (POS) and Sum

of Products (SOP) forms. Combinational logic circuits: Design and analysis procedures. Decoders, encoders, multiplexers, demultiplexers, ROM, PLA and PAL. Sequential logic circuits: Flip Flops (RS, D, JK, T), design procedure for clocked sequential circuits, counters. Registers and shift registers. Prerequisite: COM111

ELE206 Engineering Analysis (3-0-3)

Developing C++ programs to solve electrical engineering problems. MATLAB programming environment, vectors and matrices, input/output, M-files: scripts and functions, control statements. Plotting with MATLAB. GUI in MATLAB. Introduction to SIMULINK. Electrical system modeling via SIMULINK. Introduction to LabVIEW. Development of Virtual Instruments using LabVIEW. Prerequisite: ELE101

ELE314 Microcontrollers and Applications (3-2-4)

Introduction to microprocessor and its internal architecture. Typical microprocessor bus systems. Addressing modes and address decoding. Memory and I/O interface. Assembly language programming. Microcontrollers and embedded systems. Programming of microcontroller using C language. Interrupt processing and interrupt-based control. Microcontroller interfacing to real-world applications. Design and implementation of course projects using a microcontroller. Prerequisites: ELE101, ELE202

ELE307 Control Systems (3-2-4)

Introduction to Control Systems: Characteristics, time response, steady-state error. Open loop and closed loop concepts, transfer function, time domain, frequency domain, stability of linear feedback control systems, Root Locus method, Bode diagram. Design of feedback control systems: Principles of design, design with the PD, PI, and PID controllers. Performance evaluation of feedback control systems. Compensation: phase-lead, phase-lag and lead-lag compensation. Prerequisite: ELE204

ELE313 Sensors and Instrumentation (3-2-4)

Basic measurement concepts, sources and types of measurement errors, sources of noise and interference and how to minimize them. Analysis and design of DC and AC bridge circuits and their applications. Operating principles and specifications of DVM and DMM. Transducers and their applications in measurement systems. Operation analysis of electromagnetic sensors for flux, current and position sensing. Oscilloscopes: types, specifications, operation and measurements. Analyzers: types, architecture and the optimal tuning. Design projects related to different types of measuring instruments Prerequisites: ELE305, ELE206

ELE492 Power Switching Devices (3-0-3)

Introduction to power electronics devices, power transistors, IGBTs and SITs. Thyristors: characteristics, types, models, operations, thyristor commutation techniques and commutation circuit design. Analysis and design of uncontrolled and controlled rectifiers. AC voltage controllers with resistive and inductive load. DC choppers: principles and classifications. Principles of operation and performance parameters of different types of inverters. DC and AC drives. Power system applications. Prerequisite: ELE305, ELE207

ELE491 Industrial Control Systems (3-2-4)

Industrial control principles. Block diagram representation of industrial control systems. Application of analog and digital signal conditioning in industrial control. Thermal, optical, displacement, position, strain, motion, pressure, and flow sensors used in industrial control. Actuators in industrial control. Data Logging, Supervisory Control, Computer-based Controllers. Programmable Logic Controllers (PLCs). Sequential programming, Ladder

diagrams. Introduction to Process Control Systems. Foundation Fieldbus and Profibus standards. Prerequisite: ELE307

ELE203 Circuit Analysis I (3-2-4)

Basic quantities: charge, current, voltage, resistance, energy and power. Analysis of series, parallel and series-parallel D.C. resistive circuits using Ohm's law, Kirchhoff's voltage and current laws. Star-Delta and Delta-Star Transformations. Analysis of more resistive circuits using loop and nodal methods, superposition, source transformation, Thevenin's and Norton theorems, maximum power transfer theorem. Transient analyses of RC, RL, and RLC circuits with DC excitation. Prerequisites: PHY122

ELE207 Circuit Analysis II (3-2-4)

AC circuits: impedance and admittance, phasors and phasor diagrams, series and parallel circuits, power and power factor correction. Steady-state response using phasor method. Nodal and loop analysis, application of circuit theorems. Steady-state power analysis. Magnetically-coupled circuits. Analysis of balanced three-phase circuits. Frequency response of simple circuits. Series and parallel resonance. Prerequisites: ELE203

ELE312 Power Systems and Electrical Machines (3-2-4)

Introduction to power systems. Control of reactive power, voltage and frequency. Contemporary issues related to electrical energy. Basics of power system protection. Principles of DC and AC machines and their types. Ideal and practical transformer. Voltage regulation and efficiency of transformer. Prerequisites: ELE207

ELE470 Power System Protection and Control (3-0-3)

An overview of electric industry structure, modern power system, system protection and energy control center. Introduction to power system apparatus: power transforms, circuit breakers, CTs, VTs, CCVTs and line trap. Primary and backup protection of transmission lines. Protection of transformers and busbars. Protection schemes for rotating machinery. Operation, algorithms and advantages of digital relays. Techniques for voltage and frequency control of power systems. Prerequisites: ELE307, ELE312

ELE471 Power Generation and Transmission (3-0-3)

Introduction to different types of conventional power plants for generation of power. Operating principles of steam power plants, hydroelectric power plants, hydro turbines, hydro generators, gas-turbine plant, gas-power plant and combined-cycle gas-power plant. Comparison of different transmission line insulators. String efficiency and its improvement. Calculations for sag and tension in designing a transmission line. Classification and comparison of underground cables. Prerequisite: ELE312

ELE463 Renewable Energy Systems (3-2-4)

Introduction to renewable energy sources. Electrical characteristics and performance evaluation of PV cells, modules, panels and arrays. Optimization of PV arrays. Design of a stand-alone PV system with battery storage. Wind energy conversion systems, sizing and site matching. Hydro generation and types of hydropower turbines. Solar thermal and ocean thermal energy conversion. Tidal energy, wave power generation, geothermal and biomass energy systems. Types of energy storage systems. Prerequisite: ELE312

ELE477 Smart Grid Renewable Energy Systems (3-0-3)

Basic concept of electric power grid. Types and equipment at grid stations. Grid station automation. Fundamental concepts of power grid integration on microgrids of renewable energy sources. Modeling converters in microgrids. Smart meters and monitoring systems. Design of PV microgrid generating station. Microgrid wind energy systems. Prerequisite: ELE463

ELE464 Power System Analysis (3-0-3)

Explanation of Per Unit system and determination of the equivalent circuits of synchronous generator and three-phase power transformers. Parameters of transmission lines. The equivalent circuit models of transmission lines. Power flow analysis. Analyzing symmetrical and unsymmetrical faults in power system. Stability of power systems. Prerequisite: ELE312

ELE472 Electrical Power Distribution Systems (3-0-3)

Introduction to electrical power distribution. Power distribution equipment, underground distribution, radial, ring and network distribution systems. Conductors and insulators in power distribution systems. Electrical distribution inside buildings. Analyzing single phase and three phase power distribution systems. Measurement equipment for distribution systems. Discussion of various distribution system considerations. Design of a power distribution system for a small building. Prerequisite: ELE312

ELE436 Selected Topics in Power and Renewable Energy (3-0-3)

Topics of current interest in Power and Renewable Energy as selected by the faculty and approved by the EE Department. The course is tailored according to market demands and the technology directions. Prerequisite: ELE463

ELE479 Directed Study in Power and Renewable Energy (3-0-3)

Directed study in Power and Renewable Energy is conducted under the supervision of a faculty member. A student interested to undertake such a study shall submit a proposal outlining the description of the work to be performed with clearly defined objectives and intended outcomes. The study may include experimental investigation, computer simulation or completely theoretical research. The proposal must be approved by the concerned faculty and Head of the EE Department. Prerequisites: ELE463, Advisor's Approval

ELE436 Selected Topics in Electr. and Comm. (3-0-3)

Topics of current interest in Electronics and Communication as selected by the faculty and approved by the EE Department. The course is tailored according to market demands and the technology directions. Prerequisites: ELE305, ELE302

ELE437 Directed Study in Electr. and Comm. (3-0-3)

Directed study in Electronics and Communication is conducted under the supervision of a faculty member. A student interested to undertake such a study shall submit a proposal outlining the description of the work to be performed with clearly defined objectives and intended outcomes. The study may include experimental investigation, computer simulation or completely theoretical research. The proposal must be approved by the concerned faculty and Head of the EE Department. Prerequisites: ELE302, ELE310, Advisor's Approval

MTH121 Engineering Mathematics I (3-0-3)

Limits of functions, theorems about limits, evaluation of limit at a point and infinity, continuity. Derivatives of algebraic and trigonometric functions, maxima and minima, engineering applications of derivatives. The definite and indefinite integrals and their applications. Integration by parts, Integration using powers of trigonometric functions, Integration using trigonometric substitution, Integration by partial fractions. Integration of improper integrals. Transcendental Functions. Prerequisite: None

MTH122 Engineering Mathematics II (3-0-3)

Matrix addition, subtraction, multiplication and transposition. Complex numbers, algebraic properties of complex numbers, absolute values, complex conjugate, polar representation, powers and roots. Functions of several variables. Double and triple integrals in rectangular and polar coordinates. Applications of multiple integrals in engineering. Infinite sequences,

tests for convergence, power series expansion of functions, Taylor series, Laurent series, Fourier series and their applications in engineering. Prerequisite: MTH121

PHY121 Engineering Physics I (3-2-4)

Vectors, motion, and Newton's laws. Work, energy, momentum and conservation of momentum. Rotation of rigid bodies, dynamics of rotational motion. Equilibrium and elasticity. Stress and strain. Periodic motion. Engineering applications. Prerequisite: None

PHY122 Engineering Physics II (3-2-4)

Electric charge and electric field. Coulomb's law and Gauss's law with applications. Capacitance and dielectrics. DC circuits. Magnetic fields. Ampere's law and its applications. Electromagnetic induction, Faraday's law, Lenz's law, induced electric fields. Self- and mutual-inductance. Electromagnetic waves and Maxwell's equations. Optics and its engineering applications. Prerequisite: None

CHE101 Chemistry for Engineers (2-2-3)

Atoms, molecules, ions and formulas of ionic compounds. Electronic structure and the periodic table. Quantum numbers, energy levels and orbital. Orbital diagrams of atoms. Various types of bonds. Chemistry of the metals and semiconductors. Introduction to organic chemistry, bonding and types of hybridization in carbon atom, alkanes and cyclo alkanes, alkyl and halogen substituents. Alkenes and alkynes, Diels-Alder reaction. Types, properties, and use of polymers. Prerequisite: None

ELE102 Introduction to Engineering (1-0-1)

Engineering profession and the role of engineers in modern developments, engineering ethics. Various engineering disciplines with special emphasis on electrical engineering. Importance of math and science to engineers. Engineering design and analysis, lab skills for engineers, computer skills for engineers. Electrical Engineering curriculum, curriculum planning and management. Critical thinking, soft skills for engineers, creativity, communication skills. Case studies on engineering ethics. Prerequisite: None

MTH221 Engineering Mathematics III (3-0-3)

Vector Calculus and its engineering applications. First order differential equations. Homogeneous linear second-order differential equations with constant and variable coefficients, non-homogeneous linear second-order differential equations with constant coefficients, higher-order linear differential equations with constant coefficients. Power series solution of differential equations. Laplace Transform, Inverse Laplace Transform. Application of Laplace Transform to solve ordinary differential equations. Introduction to partial differential equations (PDEs), first order PDEs, second order PDEs, boundary value problems, engineering applications. Prerequisite: MTH122

MTH222 Engineering Mathematics IV (3-0-3)

Linear Algebra: Matrices and determinants, solution of systems of linear equations, eigenvalues and eigenvectors, engineering applications, computer exercises. Complex Analysis: Complex functions, derivative of complex functions, analytic functions, Cauchy-Riemann equations, harmonic functions. Fourier analysis: Fourier Series, Fourier Integrals, Fourier series of even and odd functions with applications. Discrete Mathematics and its engineering applications. Prerequisite: MTH221

ELE301 Report Writing and Presentation (3-0-3)

Writing of technical reports, brief reports, and progress reports. Business communication: business letters and memos, executive summary, business reports. Oral presentation: planning, preparation of visuals, and delivering of an oral presentation. Prerequisites: ELE102 + Junior Standing

ELE304 Probability and Random Variables (3-0-3)

Concept of Probability. Discrete and continuous random variables. Operations on single random variable: Expected values and moments. Joint cumulative distribution function and joint probability density function. Sum of random variables. Independent random variables. Jointly Gaussian random variables. Definition and classification of random process, transmission of random process through linear filters, and optimum filtering. Applications in signal processing and communication systems. Prerequisite: MTH122

ELE410 Engineering Management (3-0-3)

Introduction to engineering management and role of effective management. Strategic and operational planning, forecasting, action planning. Organization: activities, organizational structures, delegating, establishing working relationships. Basics of leadership. Controlling activities: setting standards, measuring, evaluating, and improving performance. Review of Accounting. Financial Analysis. Financial Forecasting, Planning and Budgeting. Time Value of Money, Capital Budgeting Decision. Prerequisite: ELE301

ELE438, ELE488, ELE468 Graduation Project I (1-4-3)

Teams of 3-4 students shall design, implement, test, and demonstrate their graduation project in two semesters. Graduation Project I is to be completed in first semester and it includes literature survey, action plan, design of complete project taking into account realistic constraints, computer simulation (if applicable), partial implementation and testing. Report writing and oral presentation. Prerequisite: ELE310

ELE439, ELE489, ELE469 Graduation Project II (1-4-3)

It is a continuation of Graduation Project I in the second semester. Students will complete the implementation and testing of the remaining part of their design. They will integrate the complete project, test it, and prepare a PCB. Report writing, oral presentation, poster presentation, and project demonstration. Prerequisite: ELE438, ELE488, ELE468

ELE465 Senior Seminar (1-0-1)

The course aims to develop students' understanding of contemporary issues as well as the impact of engineering solutions in a global, economic, environmental, and societal context. It will also improve their oral presentation skills. Prerequisite: ELE301

ELE497 Engineering Training

To expose students to a learning environment where they can apply what they have learned in the classroom to a professional setting and enhance their abilities to correlate theoretical knowledge with professional practice. Prior to starting their external training, students shall take two weeks intensive internal training to prepare them for external training. Prerequisite: Completion of 75 credit hours.

Department of Information Technology

Introduction

The rapid growth in the development of computer hardware, software, information technology and the widespread applications in all aspects of life created a considerable demand for computing graduates in all specializations. The department of Information Technology has the reputation of offering quality academic programs based on international standards to prepare its students for a much needed career in the dynamic and rapidly evolving computing industry and applications of today.

Mission

The mission of the Information Technology (IT) Department is to provide high-quality education that prepares students for a successful computing career in industry, government, and academia. It also aims at conducting research and applying knowledge to solve computing problems, and share computing knowledge and skills with the community.

Department Goals

Goal 1: Providing high quality internationally recognized academic programs

Goal 2: Conducting research that contributes to the advancement of the field of IT.

Goal 3: Producing graduates who are innovative, life-long learning and able to pursue further graduate studies and research in the discipline of computing

Goal 4: Producing graduates who can provide valuable services to the UAE society and the region in the field of IT.

Goal 5: Increasing the visibility of the IT Department in the UAE and the region

Programs offered

- Bachelor of Science in Information Systems - Project Management
- Bachelor of Science in Information Technology – Cyber Security
- Bachelor of Science in Information Technology – Data Analytics

Facilities

The IT Department in the College of Engineering and Technology is equipped with the state-of-the-art computing facilities which are regularly upgraded. All university computers are connected through local and wide area networks. Multimedia facilities are provided in all classrooms and labs. In addition, the IT department houses electronics, microprocessor and computer network labs. The IT department facilities ensure students are well equipped for performing any required task. All staff and students' computers are linked to the Internet. The College Department maintains a library of computer textbooks. This library is regularly updated with the latest books in the field, for the benefit of both students and faculty members.

Information Systems Program

Introduction

The Department of Information Systems offers a Bachelor of Science in Information Systems degree, which is a 4-years program that requires the completion of 123 credit hours The Information Systems curriculum comprises one concentration Project Management The program is accredited by the Ministry of Higher Education.

Mission

The mission of the Information Systems program is to provide quality education in the field of information systems based on internationally recognized standards for undergraduate programs; produce information systems professionals who can deploy efficiently IT technologies and implement IT solutions according to market and society needs, particularly in the UAE and Gulf region; and prepare graduates for lifelong learning and research.

Program Educational Goals

Graduates of the Bachelor of Science in Information Systems program will have the following characteristics within few years of graduation:

- PEO_1. Apply acquired knowledge and skills in information systems and implement their skills in public, private, academic and international information systems functional activities.
- PEO_2. Act as information systems professional leaders in performing related skills in technical, business, or ethical duties.
- PEO_3. Engage in life-long learning and professional development in pursuing additional graduate degrees, professional development and self-studies.

Program Learning Outcomes

There are six Learning Outcomes related to the Information Systems program. Graduates will be able to:

- PLO#1: Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
- PLO#2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- PLO#3: Communicate effectively in a variety of professional contexts.
- PLO#4: Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles.
- PLO#5: Function effectively as a member or leader of a team engaged in information technology activities.
- PLO#6: Support the delivery, use, and management of information systems within an information systems environment.

Program Learning Outcomes and Alignment to UAE Qualification Framework (QFEmirates)

1. Common Program Learning Outcomes

#	Common Program Learning Outcomes	UAEQF Strands and Justification
PLO#1	Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.	Knowledge Skill
PLO#2	Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	Knowledge Skill
PLO#3	Communicate effectively in a variety of professional contexts.	Skill Autonomy and Responsibility
PLO#4	Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles.	Autonomy and Responsibility Role in Context Self-Development
PLO#5	Function effectively as a member or leader of a team engaged in information technology activities.	Autonomy and Responsibility Role in Context
PLO#6	Support the delivery, use, and management of information systems within an information systems environment.	Knowledge Skill Autonomy and Responsibility

Admission Requirements

1. A minimum high school average of 65% for Elite or Advanced Track or 70% for General Track or equivalent in starndarized international systems.
2. EmSat score of 1100 for English Language or an equivalent English Proficiency Test approved by CAA.
3. EmSat score of 600 for Arabic Language. Alternatively, on-Arab students can register in a non-credit Introduction Arabic language course at USTF.

Career Opportunity

Information system graduates are required to meet the demands of various stakeholders including industry, commerce, education, health, and government. Some graduates are employed in companies and research organizations, others in resource centers in schools, colleges and universities. There are opportunities in finance, in computing and telecommunications industries, as well as in the medical sector.

Graduation requirements

Students at University of Science and Technology of Fujairah (USTF) are eligible for a bachelor in Information Systems after completion of 123 credits hours, which normally takes eight semesters. The minimum cumulative grade point average for graduation is 2.0 for 123 total credits hours.

Degree requirement

The B.Sc. degree in Information Systems requires the completion of a 123 Cr. Hrs. distributed according to the following plan. The study plan is designed so that the normal duration for completing the degree requirements is 4 years but should not exceed 8 years.

Type of Courses	Cr. Hrs.
1. University General Education Courses	**24**
(a) University Compulsory Courses	21
(b) University Elective Courses	3
2. Information Systems Program Compulsory Common Core Courses	**84**
(a) General Business Courses	18
(b) Information Systems Core Courses	63
(c) Internship	3
3. Information Systems Program Concentration Courses	**9**
4. Information Systems Program Elective Courses	**6**
Total Credit Hours	**123**

(1) University General Education Requirements

(a) University Required Courses (21 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISL112	Islamic Culture	3
EMS112	Emirates Society	3
ENG111	English Communication Skills	3
ARB112	Communication Skills in Arabic Language	3
IES112	Innovation, Entrepreneurship and Sustainability	3
COM111	IT Fundamentals	3
STA112	Statistics	3

(b) University Elective Courses (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH213	Islamic Civilization	3
THI213	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
ARC211	Principles of Architecture & Art	3
ART111	Introduction to Art	3
BID111	Introduction to Interior Design	3
ART113	Introduction to Aesthetics	3
ARB113	The Art of Writing Expression	3
ENV112	Environmental Science	3
SSW101	Introduction to Sociology	3
DER118	Introduction to Public Relations & Advertising	3
SOC112	Communication Between Cultures	3

(2) Information Systems Compulsory Common Core Courses

(a) Major Requirements - General Business Courses (18 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
ACC 200	Principles of Accounting I	3	0	0	3	-
FIN 210	Fundamentals of Finance	3	0	0	3	ACC200
MGT 200	Introduction to Management	3	0	0	3	-
MGT 202	Human Resources Management	3	0	0	3	MGT200
MKT 200	Principles of Marketing	3	0	0	3	MGT200
MTH 131	Math for Management	3	0	2	3	-

(b) Major Requirements - Core Courses and Internship (66 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INS207	Leadership and Teamwork	3	0	0	3	INT104
INT202	Systems Analysis and Design	3	0	0	3	INT104
INS308	Business Process Management	3	0	0	3	INT303
INS402	Business Intelligence and Data Warehousing	3	0	0	3	INT323
INS403	IS Audit and Control	3	0	0	3	INT303
INS404	Information Systems Strategy and Acquisition	3	0	0	3	INT307
INS405	Information Systems Project	1	4	0	3	INT307
INS406	IT Resource Management	3	0	0	3	INS308
INS408	Information Systems Internship	0	0	0	3	90 Cr. Hrs
INT100	Introductory Programming	2	2	0	3	-
INT104	Information Technology in Business	3	0	0	3	COM111
INT201	Object Oriented Programming	2	2	0	3	INT100
INT205	Fundamentals of Data Communications and Networking	2	2	0	3	INT201
INT206	Fundamentals of Web Systems	2	2	0	3	INT201
INT301	Operating Systems	2	2	0	3	INT201
INT302	Database Management Systems	2	2	0	3	INT201
INT303	Fundamentals of Information Security	3	0	0	3	INT205
INT306	Computer Ethics and Professional Practices	3	0	0	3	INT303
INT307	Information Technology Project Management	3	0	0	3	INT202
INT311	Enterprise Systems	2	2	0	3	INT302
INT323	Big Data Technologies	2	2	0	3	INT302
INT426	Knowledge Management	3	0	0	3	INT302

(3) Information Systems Concentration Courses

(a) Major Requirements - Compulsory Concentration Courses (9 Cr. Hrs.)

Project Management Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INS411	IT Services and Operation Management	3	0	0	3	INS308
INS412	Project Planning, Scheduling and Cost Control	3	0	0	3	INT307
INS413	Project Quality and Risk Management	3	0	0	3	INT307

(b) Information Systems Program - Elective Courses (6 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INS407	Selected Topics in Information Systems	3	0	0	3	INS308
INT310	Cloud Computing	2	2	0	3	INT303
INT313	User Interface Design	3	0	0	3	INT202
INT321	Database Administration	2	2	0	3	INT302
INT423	Advanced Database Design and Implementation	2	2	0	3	INT302
INT429	Mobile Applications	2	2	0	3	INT201-INT301
INT430	Artificial Intelligence	2	2	0	3	INT301

Students are allowed to register a maximum of one elective course outside the proposed list after the approval of the Department Head.

Proposed Study Plan

First Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
ARB111	Communication skills in Arabic language	3	0	0	3	-
COM111	IT Fundamentals	2	2	0	3	-
ISL114	Islamic Culture	3	0	0	3	-
MGT200	Introduction to Management	3	0	0	3	-
MTH111	Math for Management	3	0	2	3	-
Total		14	2	2	15	

Second Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT 100	Introductory Programming	2	2	0	3	-
INT 104	Information Technology in Business	3	0	0	3	COM111
STA 111	Statistics	2	0	2	3	-
MKT200	Principle of Marketing	3	0	0	3	MGT200
EMS112	Emirates Society	3	0	0	3	-
Total		**13**	**20**	**2**	**15**	

Third Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
FIN210	Fundamentals of Finance	3	0	0	3	ACC200
INS207	Leadership and Teamwork	3	0	0	3	INT104
INT201	Object Oriented Programming	2	2	0	3	INT100
INT202	System Analysis and Design	3	0	0	3	INT104
ARB112	Communication Skills in Arabic Language	3	0	0	3	-
Total		**14**	**2**	**0**	**15**	

Fourth Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
ACC200	Principles of Accounting I	3	0	0	3	-
INT205	Fundamentals of Data Communications and Networking	2	2	0	3	INT201
INT206	Fundamentals of Web Systems	2	2	0	3	INT201
INS308	Business Process Management	3	0	0	3	INS303
******	University Elective	3	0	0	3	
Total		**13**	**4**	**0**	**15**	

Fifth Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INN311	Innovation & Entrepreneurship	2	0	2	3	60 Cr. Hrs
xxxxxxx	Major Elective I	xx	xx	xx	3	**Xxxxxxx**
INT301	Operating Systems	2	2	0	3	INT201
INT302	Database Management Systems	2	2	0	3	INT201
INT303	Fundamentals of Information Security	3	0	0	3	INT205
Total		**x**	**x**	**x**	**15**	

Sixth Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
MGT202	Human Resources Management	3	0	0	3	MGT200
INT306	Computer Ethics and Professional Practices	3	0	0	3	INT303
INT307	Information Technology Project Management	3	0	0	3	INT202
INT311	Enterprise Systems	2	2	0	3	INT302
INT323	Big Data Technologies	2	2	0	3	INT302
Total		**13**	**4**	**0**	**15**	

Seventh Semester

(a) Project Management Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INS402	Business Intelligence and Data warehousing	3	0	0	3	INT323
INS403	IS Audit and Control	3	0	0	3	INT303
INS411	IT Services and Operations Management	3	0	0	3	INS307
INS412	Project Planning, Scheduling and Cost Control	3	0	0	3	INT307
INT426	Knowledge Management	3	0	0	3	INT302
Total		**15**	**0**	**0**	**15**	

Eighth Semester

Project Management Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INS404	Information Systems Strategy and Acquisition	3	o	0	3	**INT307**
INS405	Information Systems Project	1	4	0	3	**INT307**
INS406	IT Resource Management	3	0	0	3	**INS308**
INS413	Project Quality and Risk Management	3	0	0	3	**INT307**
xxxxxxx	Major Elective II	x	x	0	3	**xxxxxxx**
Total		**x**	**4**	**x**	**15**	

Summer Semester: Internship training

Information Systems Department Courses Description

INT103 Information Technology in Business

The major role of information technology (IT) is to support organizational personnel, regardless of their functional area or level in the organization. The aim of this course is to provide students with solid grounding in business uses of information technology in a rapidly changing environment, and to provide discussion of critical issues surrounding the use of IT in organizations. This course covers a range of general information technology topics that will make the student appreciate the role of IT in business. Topics include: information technology fundamentals; information technologies; computer networks and security; business applications; development processes; and ethical, societal and security issues.

INS 207 Leadership and Teamwork

This course builds on students' soft skills attained throughout the university years including written and oral communications, the ability to apply technology in learning, critical thinking and problem solving in order to lead a group of people or an organization to achieve a short term goal related to a project or a generic mid-term goal. Student will apply feedback elicitation to gauge success of approach and make amendments as necessary to achieve more effective results; both peer feedback and instructor feedback will be utilized for this purpose. The course will also involve the students in discussions, debate, presentations and seminars in order to create opportunities to assess each other's work and give feedback. There will be a final report/essay and presentation that reflects and summarizes the benefits of successful activities and lessons learnt from others.

MGT202 Human Resource Management

This course covers the foundational concepts and different perspectives on human resource management practices. In this introductory level course, the students are introduced to fundamental processes and operational challenges of HRM practices such as: recruitment and selection, managing employee relations, managing discipline and grievances, dealing with equality and diversity issues, and coping with the challenges related to international human resource management and cross-cultural management. The course also discusses the challenges involved in HR planning and measurement, learning and development, and effectively managing the performance and rewards. A particular focus is given to discuss the rationality and effectiveness of the prevailing HRM practices of GCC and Middle East environment. The course makes an effective use of case studies, and relates it to the UAE

context to better explore the relative strengths and weaknesses of local environment compared to the international HRM practices.

INT 202 System Analysis and Design

This course introduces the phases of the system development cycle. Topics include: Systems Development Methodologies, Project Team Roles and Skills; software project planning; requirement analysis phase; system design; Human Computer Interaction Layer Design; Physical Architecture Layer Design; and implementation phase. Systems analysis and design using UML will be discussed.

INT323 Big Data Technologies

This is an introduction to the technologies that are used for big data. The aim of the course is to provide students with the knowledge required to use big data technologies and learn how to store, and process big data sets. Topics covered include: Big Data and Hadoop, Hadoop Distributed File System, Map Reduce, PIG, HIVE, HBase, and search with Solr and Lucene.

INS308 Business Process Management

The course introduces the methods and techniques required to analyze, design, implement, automate, and evaluate business processes. Structured along the phases of the Business Process Management (BPM) life cycle, students learn to analyze organizational performance from a process perspective, redesign processes using value-focused techniques, design workflows and implement them in BPM systems, simulate new process designs, and create process analytics applications. The course leads students from process discovery through conceptual and technical process design through the implementation of workflows to the structure of process-aware information systems.

MGT200 Introduction to Mamgement

This course introduces the student to the four fundamental managerial functions i.e. planning, organizing, leading and controlling to teach them how to perform as an efficient and effective manager. The challenges faced by the contemporary managers in dealing with today's changing business environment are discussed in detail in terms of different managerial roles and desired skills. This foundational level course will effectively prepare the students to undertake more advanced and specialized courses within the management discipline. The course provides a holistic view of management studies, and arouses their further interest in pursuing this discipline.

INT 426 Knowledge Management

The aim of this course is to introduce basic concepts, terminologies, tools, and techniques of Knowledge Management (KM). Topics covered include: the origins and units of organizational knowledge; knowledge management life-cycle models, knowledge management implementation models, knowledge capture and codification, knowledge sharing, knowledge management tools and knowledge management strategies.

INS 402 Business Intelligence and Data Warehousing

Today's IT deals with gigantic amount of information. The success of any organization greatly depends on its ability to process and understand its information and extract essential knowledge to help managers take well informed decisions. This course teaches students the basic of data warehouse and how to deal with business intelligence – an information technology approach to data collection, data storage and data analysis to support a wide variety of management tasks, from performance evaluation to trend spotting and policy making. The students learn effective modeling techniques and use them to extract business intelligence and present them to users.

INS404 Information Systems Strategy and Acquisition

This advanced course examines how IT enables organizations to conduct business in radically different and more effective ways. The course defines high-level IT infrastructure and Information Systems that support the operational and strategic needs of organizations. It also develops a framework that will allow IS leaders to assess existing IT infrastructures and emerging technologies as well as how these enabling technologies might affect organizational strategy.

INS405 Information Systems Project

This course aims to give students the opportunity to work in a guided but independent fashion to investigate a problem by making use of information technology knowledge, techniques, and methodologies acquired in the previous semesters to provide a suitable solution to an IT problem. The course also aims to enhance teamwork and communication skills, both oral and written as well as ethical issues involved.

INS406 IT Resource Management

This course addresses the tactical/operational responsibilities and roles of the IT Management, and the governance considerations that link the IS-business organizations. The focus is on current/emerging issues in creating and coordinating the key activities necessary to manage the day-to-day operations of the IS function, and coordinating the skills and organizational IS infrastructure.

INS 408 Information Systems Internship

Internship familiarizes students with actual working environments. It gives students the opportunity to integrate their knowledge and skills learned in the course by applying it to real world problems encountered in business and industry. Internship also gives the student a feeling of what is involved in working on actual information technology problems and develop communication and team-work skills as well as ethical issues relation to IT.

INS 407 Selected Topics in Information Systems

This course aims to introduce students to new developments in the area of information systems not specifically covered in the curriculum and in which a faculty member has developed interest and proficiency. The intention is to provide a rapid response to current trends and to widen student's knowledge in different areas of IS. Specific content of the course will depend on the particular area taught at the time.

INS 403 IS Audit and Control

Information technology today represents a critical component of business operations. Almost every part of the business depends on information technology. This means that the function of information systems auditing is important. This course aims to explore the nature of information systems auditing and how information systems audits are undertaken. The gained knowledge allows students to evaluate controls over the confidentiality, integrity, and availability of the information systems data processed and maintained in business corporation information technology environment. Students also will be able to learn about audit planning, audit reporting, and audit evidence.

INS 411 IT Services and Operations Management

This course provides a detailed, modular introduction to the concepts, terms, definitions, benefits, objectives, and relationships within IT service management processes and functions, according to the ITIL best practice framework. It is based on principles described in ITIL's Service Support and Service Delivery Standards. It provides a practical understanding of ITIL key concepts, principles, processes, and functions.

INS 412 Project Planning, Scheduling and Cost Control

Most failures of projects are related to either schedule delays, or cost overrun or both. A balanced cost and time management is in the core of project management, and successful projects will need extensive attention to budget performance, which is strongly coupled to schedule. This course will explore recent methods and techniques which integrate technical, schedule, and cost objectives to enhance control on projects and ensure their success and timely termination. The course will allow students to get deep understanding of the many factors that affect project time and cost performance, and teaches them how to employ best practices, well known templates, methods and techniques to observe and control them.

INS 413 Project Quality and Risk Management

Project Quality and Risk Management are forward looking disciplines, which try to identify potential future problems and plan for effective mitigation or avoidance techniques, leading to greater success in projects and business in general. While it covers all aspects of an organization, this course will introduce students to analytical and mathematical models to enable them measure and evaluate risks and quality related to IS projects.

INT 201Object Oriented Programming

The primary objective of this course is to introduce the concepts of object-oriented programming: classes, objects, methods, object interaction, encapsulation, inheritance, polymorphism, composition, recursive algorithms, and exception handling. This course is not meant as a comprehensive introduction to all of Java concepts such as applets and socket programming.

INT430 Artificial Intelligence

This course is designed to introduce the theory and techniques of AI to students. The course covers: knowledge representation schemes, classical and heuristic search techniques, inferencing, machine learning, and agents. The PROLOG language is also covered to enable students to represent, manipulate, and reason with knowledge.

INT100 Introductory Programming

This course provides knowledge and skills of problem solving and introductory programming using Java programming language. Topics cover: the problem- solving process; data types; variables, constants, scope, and memory locations; simple sequential programs; basic input/output; selection and repetition control structures; arrays and strings; and user-defined functions.

INT 104 Information Technology in Business

This course aims to cover a range of general information technology topics that will make the student appreciate the role of IT in business. Topics include: information technology fundamentals; information technologies; business applications; development processes; and ethical, societal and security issues.

INT 205 Fundamental of Data Communications and Networking

This course provides an introduction to computer networks and the Internet. Protocol layers and the OSI model. Application layer: HTTP, FTP, SMTP, POP3, DNS and peer-to-peer applications. Transport layer: UDP, TCP and congestion control. Network layer: virtual circuits, routers, IP protocols and routing algorithms. Link layer: error detection and correction, multiple access, MAC addressing, switches, ARP, Ethernet, local area networks and wide area networks. Wireless and mobile networksare also discussed.

INT 301 Operating Systems

This course covers the principles and concepts of modern operating systems. Operating system services: processes and process management, memory management, file systems, Input/Output and device control, deadlocks, distributed systems and case studies. The course also introduces the learner to the principles and practice of operating systems with respect to effective and convenient management and operation of a computer system.

INT 302 Database Management Systems

This course is designed to give a theoretical and practical background in database techniques. It covers: database concepts, data models, data dictionary, entity relationship diagrams, and relational data model, converting E-R models to relational model, SQL language, and normalization. Oracle software is used in the Lab.

INT 303 Fundamental of Information Security

This course aims at introducing fundamental security concepts to students. Main security threats and related countermeasures are presented. Students will learn the importance of protecting information stored on computer systems from unauthorized access. The students will also learn how to encrypt and decrypt information, control access to objects and recommend a secure system implementation.

INT 206 Fundamentals of Web Systems

This course introduces the basics of Web systems and how it differs from desktop systems. Students will learn client-server architecture, and how it evolves to multitier system. The course will allow student to learn and use essential Web languages and technologies including XHTML, CSS, and XML. Students will apply this knowledge to generate essential web components like basic browser controls (buttons, links, and menus), forms and frames. The course will also enable students to understand how these components are managed on the server side.

MTH131 Math For Management

This course is designed to give students a basic understanding of mathematical concepts and their applications in Business Management. The course deals with Analytical Geometry, linear programming, linear algebra, basic concepts of set theory and Calculus using functions of one real variable.

INT 306 Computer Ethics and Professional Practices

This course will examine the ethical issues that arise in the use of computers, and the responsibilities of those who work with computers, either as computer science professionals or end users. Topics covered include: legal, social and ethical issues surrounding computer technology and its use; privacy; intellectual property rights and copy right laws; information technology code of ethics; issues of privacy and confidentiality; risks of using computers; and computer crime: computer viruses, hacking, phishing and pharming and scams.

INT 307 Information Technology Project Management

This course covers: characteristics of IT Project Management, initiating an IT project; project planning; defining and managing project scope, structuring a project, project schedule and budget, managing project risk, project communication, tracking, and reporting, IT project quality management, ethics and professional practices, and project implementation.

INT 311 Enterprise Systems

This course introduces students to the new concept of enterprise systems and shows its role in the industry as used by medium and large enterprises. Students will understand the main architectural components of today's enterprise and its infrastructure. The course also introduces different business domain concepts and workflow management and will help

student make the link between development and implementation issues on one side and practical enterprise applications on the other side.

INT 310 Cloud Computing

This course aims to introduce students to theory and practice of cloud computing. Topics include: introduction to cloud computing; parallel and distributed systems; cloud infrastructure; applications and paradigms; resource virtualization; resource management and scheduling; networking support; cloud storage systems and cloud security.

3153110 Advanced Computer Networks

This course will cover the principles of networking with a focus on algorithms, protocols, and implementations for advanced networking services. We will examine a variety of ideas that were proposed to enhance the Internet, why some of these enhancements were successful while others were not. The emphasis in this course is on topics such as routing protocols, advanced routing and switching. It covers Internet architecture, congestion control, QoS, IPv6, and voice over IP. The student will use network simulators for some network models.

INT429 Mobile Applications

This course provides an introduction to mobile software development for those with Java programming experience. Students will learn to build mobile applications for phones and tablets through the study and use of a complex software development kit (Android Java SDK). Students will explore the emerging mobile ecosystem, location-aware software, and advanced programming topics including inheritance, polymorphism, threads, sensors, APIs and databases.

INT321 Database Administration

This course prepares students to administer and maintain databases by applying best practices and procedures to any database platform. With general, platform independent approach, students will be able to work as database administrators to any of the major industrial databases including Oracle, IBM BD2, Sybase, Microsoft and MySQL. Students will become familiar with DBA roles and responsibilities, be able to create a database environment with modeling and normalization as well as reporting while maintaining data integrity.

INT313 User Interface Design

This course introduces students to the concepts, methods, and guidelines of computer user interface design. Topics covered include: user interface design principles, specifications and requirements modeling in UID, usability measures, interaction styles, user-centered design, and evaluating UID and screen layout.

INT 423 Advanced Database Design and Implementation

This course builds on top of the first DBMS course by introducing advanced database concepts to allow students to effectively design and implement industrial quality database. The course revisits SQL in a deeper, more practical approach, with a focus on its PL/SQL extension. The student will learn database in a client-server setting, and see how to manage multi-user databases. Students will be able to design and implement functional databases that include major components of an industrial database.

Information Technology Program:

Introduction

The Department of Information Technology offers a Bachelor of Science in Information Technology degree, which is a 4-years program that requires the completion of 123 credit hours The Information Technology curriculum comprises two concentrations: Cyber Security and Data Analytics. The program is accredited by the Ministry of Higher Education.

Mission

The mission of the Information Technology program is to:

- Provide quality education in the field of emerging technologies based on internationally recognized standards for undergraduate programs;
- Produce information technology professionals who can deploy efficiently IT technologies and implement IT solutions according to market and society needs, particularly in the UAE and Gulf region; and
- Prepare graduates for lifelong learning and research.

Program Educational Goals

Graduates of the Bachelor of Science in Information Technology program with two concentrations will have the following characteristics within few years of graduation:

- PEO_1. Apply acquired knowledge and skills in information technology and implement their skills in public, private sectors, academic or international information Technology functional activities.
- PEO_2. Act as information systems professional leaders in performing related skills in technical, business, or ethical duties.
- PEO_3. Engage in life-long learning and professional development in pursuing additional graduate degrees, professional development and self-studies.

Programs Offered

The Bachelor of Science in Information Technology has the following two concentrations:

- Bachelor of Science in Infornmation Technology/Cuber Security
- Bachelor of Science in Infornmation Technology/Data Analytics

All Program Goals are aligned with the needs of program constituencies as follows:

1) **IT Students**: They are to be developed as qualified Information Technology who can be gainfully employed after their graduation and can proceed for graduate studies in UAE or abroad.
2) **IT Alumni of both concentrations:** They are graduates of IT program and working in the market. They should be competent team members and leaders in their profession, able to update and adapt their knowledge and skills, and engage with community at all levels in an ethical and professional manner.
3) **IT Department Faculty:** They are primarily responsible to provide quality education to students equipping them with theoretical knowledge and practical skills. It is their responsibility to contribute and promote the achievement of IT program objectives.

4) **Employers of IT Graduates from both concentrations:** The employers require productive and competent Information technology who can effectively contribute in their professional fields.

Program Learning Outcomes

There are six Learning Outcomes related to the Information Technology program and one learning outcome associated to each concentration. Graduates will be able to:

Common Programs learning Outcomes		NQF Strands
PLO1	Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.	• Knowledge. • Skills.
PLO2	Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements and user needs in the context of the program's discipline.	• Knowledge. • Skills.
PLO3	Communicate effectively in a variety of professional contexts,	• Skills. • Autonomy and Responsibility.
PLO4	Recognize professional responsibilities, and make judgments based on legal and ethical principles.	• Autonomy and Responsibility. • Role in Context. • Self-Development.
PLO5	Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.	• Autonomy and Responsibility. • Role in Context.
PLO6	Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing-based systems.	• Knowledge. • Skills. • Autonomy and Responsibility.

Concentration in Cyber Security

Common Programs learning Outcomes		UAEQF Strands
PLO7	Analyze and manage the challenges of large scale data analytics in different application domains	• Skill. • Autonomy and Responsibility. • Role in Context.

Concentration in Data Analytics

Common Programs learning Outcomes		UAEQF Strands
PLO8	Apply security principles and practices to maintain operation in the presence of risks and threats.	• Skills. • Autonomy and Responsibility. • Role in Context.

Admission Requirements

1. A minimum high school average of 70% for Elite or Advanced Track or 75% for General Track or equivalent in starndarized international systems.
2. EMSAT score of 1100 for English Language or an equivalent English Proficiency Test approved by CAA.
3. EMSAT score of 600 for Arabic Language. Alternatively, on-Arab students can register in a non-credit Introduction Arabic language course at USTF.

Career Opportunities

Graduates of BSc. information Technology/Cyber Security are qualified for employment as Security Analyst, Security Architect, Security Software Developer, Security Engineer, Security Administrator, Cryptographer, Security Consultant

Graduates of BSc. information Technology/Data Analytics are qualified for employment as Data Scientist, Data Engineer, Data Analytics Consultant, IT Systems Analyst, Healthcare Data Analyst, Machine Learning Engineer, Big Data Engineer.

Graduation requirements

Students at University of Science and Technology of Fujairah (USTF) are eligible for a bachelor in Information Systems after completion of 123 credits hours, which normally takes eight semesters. The minimum cumulative grade point average for graduation is 2.0 for 123 total credits hours.

Degree requirement

The B.Sc. degree in Information Technology for each concentration requires the completion of a 123 Cr. Hrs. distributed according to the following plan. The study plan is designed so that the normal duration for completing the degree requirements is 4 years but should not exceed 8 years.

Type of Courses	Cr. Hrs.
1. University General Education Courses	**24**
(a) University Compulsory Courses	21
(b) University Elective Courses	3
2. Information Technology Program Compulsory Common Core Courses	**84**
(a) IT Program General Requirements	9
(b) IT Program Core Courses	72
(c) Internship	3
3. Information Systems Program Concentration Courses	**15**
Total Credit Hours	**123**

University General Education Requirements

(a) University Required Courses (21 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISL112	Islamic Culture (Non Arabs)	3
EMS111	Emirates Society (English)	3
ENG111	English Communication Skills	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3
STA113	Statistics (English)	3
COM112	IT Fundamentals (English)	3
ARB112	Communication Skills in Arabic Language	3

University Elective Courses (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH213	Islamic Civilization	3
THI213	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
ARC211	Principles of Architecture & Art	3
ART111	Introduction to Art	3

BID111	Introduction to Interior Design	3
ART113	Introduction to Aesthetics	3
ARB113	The Art of Writing Expression	3
ENV112	Environmental Science	3
SSW101	Introduction to Sociology	3
DER118	Introduction to Public Relations & Advertising	3
SOC112	Communication Between Cultures	3
MGT200	Introduction to Management	3

IT Program General Requirements (9 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT103	Information Technology in Business	3	0	0	3	-
MTH102	Discrete Mathematics	3	0	2	3	INT101
INT101	Calculus for IT	3	0	2	3	-

IT Program Core Courses and Internship (75 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT100	Introductory Programming	2	2	0	3	-
INT201	Object Oriented Programming	2	2	0	3	INT100
INT202	System Analysis and Design	3	0	0	3	INT103
INT203	Computer Organization	3	0	0	3	Com111
INT204	Data Structure	3	0	2	3	INT201
INT205	Fundamentals of Data Communications and Networking	2	2	0	3	INT203
INT206	Fundamentals of Web Systems	2	2	0	3	INT201
INS207	Leadership and Teamwork	3	0	0	3	INT 103
INT209	Fundamentals of Data Science	3	0	2	3	INT101-INT201
INT301	Operating Systems	2	2	0	3	INT203
INT302	Database Management Systems	2	2	0	3	INT201
INT303	Fundamentals of Information Security	3	0	0	3	INT205
INT305	Internet of Things	2	2	0	3	INT204-INT205
INT306	Computer Ethics and Professional Practices	3	0	0	3	INT303
INT307	Information Technology Project Management	2	2	0	3	INT202
INT309	Cloud Computing	2	2	0	3	INT205-INT206
INT313	User Interface Design	3	0	0	3	INT202
INT323	Big Data Technologies	3	0	0	3	INT302
INT324	Dynamic Web Design and Development	2	2	0	3	INT206
INS402	Business Intelligence and Data Warehousing	3	0	0	3	INT323
INT404	Internship	-	-	-	3	90 Cr.Hrs
INT429	Mobile Applications Development	2	2	0	3	INT201-INT301
INT430	Artificial Intelligence	2	2	0	3	INT204-INT209
INT431	Graduation Project I	1	4	0	3	90 Cr.Hrs
INT432	Graduation Project II	1	4	0	3	INT431

Cyber Security Concentration - Compulsory Concentration Courses (21 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT444	Wireless and Mobile Networks security	3	0	0	3	INT205-INT303
INT442	Cryptography	2	2	0	3	INT204-MTH102
INT441	Digital Forensics	3	0	0	3	INT303
INT443	Ethical Hacking	2	2	0	3	INT442-INT441
INT447	Selected Topics in Cyber Security	3	0	0	3	INT301

Data Analytics Concentration Compulsory Concentration Courses (21 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT422	Data Mining	3	0	2	3	INT323
INT424	Data Modeling and visualization	2	2	0	3	INT421
INT421	Advanced Data Analysis	2	2	0	3	INT204&INT302
INT423	Advanced Database Design and Implementation	2	2	0	3	INT302
INT427	Selected Topics in Data Analytics	3	0	0	3	INT421

Proposed Study Plan

First Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
ARB 111	Communication skills in Arabic language	3	0	0	3	-
COM 112	IT Fundamentals	2	2	0	3	-
ISL 114	Islamic Culture	3	0	0	3	-
ENG111	English Communication Skills	3	0	0	3	-
INT101	Calculus for IT	3	0	2	3	-
Total		**14**	**2**	**2**	**15**	

Second Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
IT100	Introductory Programming	2	2	0	3	-
IT104	Information Technology in Business	3	0	0	3	COM 111
STA111	Statistics	3	0	2	3	-
MTH102	Discrete Mathematics	3	0	2	3	MTH101
EMS111	Emirates Society	3	0	0	3	-
Total		**14**	**2**	**4**	**15**	

Third Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT203	Computer Organization	3	0	0	3	Com111
INT202	System Analysis and Design	3	0	0	3	INT103
INT201	Object Oriented Programming	2	2	0	3	INT100
INS207	Leadership and Teamwork	3	0	0	3	INT 103
xxxxxxx	University Elective I	3	0	0	3	-
Total		**14**	**2**	**0**	**15**	

Fourth Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT204	Data Structure	3	0	2	3	INT201
INT205	Fundamentals of Data Communications and Networking	2	2	0	3	INT203
INT209	Fundamentals of Data Science	3	0	2	3	INT101-INT201
INT206	Fundamentals of Web Systems	2	2	0	3	INT201
Total		**10**	**4**	**4**	**12**	

Fifth Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INN 311	Innovation & Entrepreneurship	3	0	0	3	60 Cr. Hrs
INT 301	Operating Systems	2	2	0	3	INT203
INT303	Fundamentals of Information Security	3	0	0	3	INT205
INT302	Database Management Systems	2	2	0	3	INT201
INT309	Cloud Computing	2	2	0	3	INT205&IT206
INT324	Dynamic Web Design and Development	2	2	0	3	INT206
Total		**14**	**8**	**0**	**18**	

Sixth Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT305	Internet of Things	2	2	0	3	INT204-INT205
INT306	Computer Ethics and Professional Practices	3	0	0	3	INT303
INT307	Information Technology Project Management	2	2	0	3	INT202
INT323	Big Data Technologies	2	2	0	3	INT302
INT313	User Interface Design	3	0	0	3	INT202
Total		12	6	0	15	

Seventh Semester

(a) Cyber Security Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT401	Business Intelligence and Data Warehousing	3	0	0	3	INT 323
INT441	Digital Forensics	3	0	0	3	INT303
INT442	Cryptography	2	2	0	3	INT204-MTH102
INT431	Graduation Project I	1	4	0	3	90 Cr.Hrs
INT429	Mobile Applications Development	2	2	0	3	INT201-INT301
Total		**11**	**8**	**0**	**15**	

(b) Data Analytics Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INS402	Business Intelligence and Data warehousing	3	0	0	3	INT323
INT422	Data Mining	2	2	0	3	INT323
INT421	Advanced Data Analysis	2	2	0	3	INT204&INT302
INT425	Graduation Project I	1	4	0	3	90 Cr.Hrs
INT429	Mobile Applications Development	2	2	0	3	INT201& INT301
Total		**10**	**10**	**0**	**15**	

Eighth Semester

(a) Cyber Security Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT430	Artificial Intelligence	2	2	0	3	INT204-INT209
INT444	Wireless and Mobile Networks Security	2	2	0	3	INT303-INT205
INT432	Graduation Project II	1	4	0	3	INT431
INT443	Ethical Hacking	2	2	0	3	INT442-INT441
INT447	Selected Topics in Cyber Security	3	0	0	3	INT301
Total		**10**	**10**	**0**	**15**	

(b) Data Analytics Concentration

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
INT430	Artificial Intelligence	2	2	0	3	INT204 & INT209
INT424	Data Modeling and visualization	2	2	0	3	INT421
INT423	Advanced Database Design and Implementation	2	2	0	3	INT302
INT426	Graduation Project II	1	4	0	3	INT 425
INT427	Selected Topics in Data Analytics	3	0	0	3	INT421
Total		**11**	**8**	**0**	**15**	

Summer Semester: Internship

Information Technology Program Courses Descriptions

INT100 Introductory Programming

This course provides knowledge and skills of problem solving and introductory programming using Java programming language. Topics cover: the problem- solving process; data types; variables, constants, and scope; simple sequential programs; basic input/output; selection and repetition control structures; arrays and strings; user-defined methods, and Input/output file processing.

INT101 Calculus for Information Technology

This course covers the essential mathematical topics that students specialized in information technology need. The first part of the course deals with plane analytic geometry. The second part covers the basic knowledge about matrices and determinants. The third part is designed to provide students with notions of real functions: limits, continuity, differentiability, and integration with applications on simple derivatives and integrals.

MTH102 Discrete Mathematics

The course introduces students to fundamentals of discrete mathematics and statistics that IT professionals should acquire. The course covers relevant topics in sets, functions, relations, number systems, logic, hypothesis, vector and matrices, and statistical sampling. The course also introduces students to basic terminologies of trees, and graph theory.

INT104 Information Technology in Business

The major role of information technology (IT) is to support organizational personnel, regardless of their functional area or level in the organization. The aim of this course is to provide students with solid grounding in business uses of information technology in a rapidly changing environment, and to provide discussion of critical issues surrounding the use of IT in organizations. This course covers a range of general information technology topics that will make the student appreciate the role of IT in business. Topics include:

information technology fundamentals; information technologies; computer networks and security; business applications; development processes; and ethical, societal and security issues.

INT201 Object Oriented Programming

The primary objective of this course is to introduce the concepts of object-oriented programming: classes, objects, methods, object interaction, encapsulation, inheritance, polymorphism, composition, recursive algorithms, and exception handling. This course is not meant as a comprehensive introduction to all of Java concepts such as applets and socket programming.

INT 202 Systems Analysis and Design

This course introduces the phases of the System Development Life Cycle. Topics covered include: Systems Development Methodologies, System Project Planning; Requirement Analysis; System Design; Human Computer Interaction Layer Design; Physical Architecture Layer Design; and Implementation Phase. Systems analysis and design using UML will be discussed theoretically.

INT203 Computer Organization

This course is designed to give students a comprehensive knowledge of computer architecture at the hardware and software levels. The students will learn the fundamentals of computer organization and architecture, covering the topics related to operating system, processor, memory locations and operations, addressing modes, instruction types, number representation, digital logic, CPU Basics, Registers, Control Unit, Cache Memory, Input/output and parallel systems.

INT204 Data Structure

The course covers the Abstract Data Types (ADT), as well as the design and implementation of data structures such as arrays, stacks, queues, linked lists, binary search trees, and graphs along with algorithms that make use of such structures including algorithms for sorting, searching, and recursive solutions will be studied. Algorithms will be analyzed in terms of time complexity will be considered as well. Students will write programs that embody these data structures and algorithms.

INT205 Fundamentals of Data Communications and Networking

This course provides an introduction to computer networks and the Internet. It also introduce students to Protocol layers and the OSI model, Network models, Network Performance, Switching and Network Devices. Data Link Layer: ARP, Error Detection and Correction, Data-link Control, Medium Access, Ethernet, WLANs, Network Layer: IP and Routing Algorithms, Transport Layer: UDP, TCP, Congestion Control, Application Layer: Web, FTP, e-mail, DNS and P2P..

INT206 Fundamentals of Web Systems

This course introduces the fundamentals of client Web systems technologies to students. Topics covered include: XHTML, CSS, XML, and JavaScript, Students will apply this knowledge to generate essential web components like basic browser controls (buttons, links, and menus), forms and frames.

INS207 Leadership and Teamwork

This course builds on students' soft skills attained throughout the university years including written and oral communications, the ability to apply technology in learning, critical thinking and problem solving in order to lead a group of people or an organization to achieve a short term goal related to a project or a generic mid-term goal. Student will apply feedback elicitation to gauge success of approach and make amendments as necessary to achieve

more effective results; both peer feedback and instructor feedback will be utilized for this purpose. The course will also involve the students in discussions, debate, presentations and seminars in order to create opportunities to assess each other's work and give feedback. There will be a final report/essay and presentation that reflects and summarizes the benefits of successful activities and lessons learnt from others.

INT209 Fundamentals of Data Sciences

This course will introduce the basic concepts and skills needed to extract knowledge from data. The students will learn the basics of statistical interference and machine learning needed to analyze the data. Students will learn concepts, algorithms and tools they need to deal with various facets of data science, including data exploratory analysis, data science process, feature generation and feature extraction, data visualization, and the ethics of data science.

INT301 Operating Systems

This course covers the principles and concepts of modern operating systems. Operating system services: processes and process management, memory management, file systems, Input/Output and device control, deadlocks, and case studies. To introduce the student to the principles and practice of operating systems with respect to effective and convenient management and operation of a computer operating system.

INT302 Database Management Systems

This course is designed to give a theoretical and practical background in database techniques. It covers database concepts, data models, data dictionary, entity relationship diagrams, and the relational data model, converting E-R models to relational model, SQL language, normalization, and physical database design. Oracle software is used in the Lab.

INT303 Fundamentals of Information Security

This course aims at introducing fundamental security concepts to students. Basic security concepts such as CIA model and cryptography techniques in security information system will be introduced. Other topics include: Authentication, Access Control, Database Security, Malicious Software, Denial of Services Attack, and Network Security. Students will also learn the legal and ethical aspects of information security.

INT305 Internet of Things

This course will introduce students to the new type of Internet application that endeavors to make the thing's information (whatever that may be) available on a global scale. The course covers the building blocks of Internet of Things (IoTs) and their characteristics. A Taxonomy of IoT systems is proposed comprising of various IoT levels with increasing levels of complexity. The student will be able to describe domain specific Internet of Things and their real-world applications. The course covers the programming aspects of Internet of Things and packages, frameworks and cloud services. Student will examine various IoT domains.

INT306 Computer Ethics and Professional Practices

This course will examine the ethical issues that arise in the use of computers, and the responsibilities of those who work with computers, either as computer science professionals or as end users. Topics covered include: legal, social and ethical issues surrounding computer technology and its use; privacy; intellectual property rights and copy right laws; information technology code of ethics; issues of privacy and confidentiality; risks of using computers; and computer crime: computer viruses, hacking, phishing & pharming, scams.

INT307 Information Technology Project Management

This course covers concepts and issues related to information technology project management. Main topics of the course include: Project management processes and

integration, Project management scope, time, cost, quality, human resource, communication, risk and procurement management. Students will be able to apply appropriate legal and ethical standards in any IT related project.

INT309 Cloud Computing

This course aims to introduce students to theory and practice of cloud computing. Topics include: parallel and distributed systems; deployment and service models; cloud infrastructure; applications and paradigms; resource virtualization; management and scheduling; networking support; cloud storage systems; and cloud security.

INT313 User Interface Design

The course introduces students to principles and guidelines needed to develop interface designs. The course covers theoretical foundations and design processes such as usability of interactives systems, user interface requirements, interaction style and evaluation and user experience.

INT323 Big Data Technologies

This is an introduction to the technologies that are used for big data. The aim of the course is to provide students with the knowledge required to use big data technologies and learn how to store, and process big data sets. Topics covered include: Big Data and Spark stack, Hadoop, Hadoop Distributed File System, Map Reduce, PIG, HIVE, SQL, HBASE, Searching for data, and Big Data Management Challenges.

INT324 Dynamic Web Development

The aim of the course is to develop practical client side and server side programming, design and management skills used in the creation and updating of dynamic content systems. This course will help students to develop a detailed understanding of the client/server architecture of web based database publishing systems, the range of databases, and scripting languages available for the development of such systems. The students will be able to identify the role of dynamic content as used by a broad spectrum of organizations across a range of industry sectors.

INS402 Business Intelligence and Data Warehousing

Today's IT deals with gigantic amount of information. The success of any organization greatly depends on its ability to process and understand its information and extract essential knowledge to help managers take well-informed decisions. This course teaches students the basic of data warehouse and how to deal with business intelligence – an information technology approach to data collection, data storage and data analysis to support a wide variety of management tasks, from performance evaluation to trend spotting and policy making. The students learn effective modeling techniques and use them to extract business intelligence and present them to users.

INT429 Mobile Applications Development

This course introduces mobile applications development. Students will be able to learn the development of mobile applications for cell phones and tablets. Main topics of the course include: Eclipse for Android Software Development, Android applications and building a view in Android, drawing 2D and 3D graphics and handling and persisting data during the application development process.

INT430 Artificial Intelligence

This course is designed to introduce the theory and techniques of AI to students. The course covers: knowledge representation schemes, classical and heuristic search techniques, inferencing, machine learning, and agents. The PROLOG language is also covered to enable students to represent, manipulate, and reason with knowledge.

INT431 Graduation Project I

Students shall design, implement, test and demonstrate their graduation project in two semesters. Graduation Project I is to be completed in first semester in the field of specilization and it includes literature survey, action plan, design of complete project taking into account realistic constraints, computer simulation (if applicable), partial implementation and testing. The course also includes report writing and oral presentation.

INT432 Graduation Project II

This course is a continuation of Graduation Project I in the second semester. In this course, students will complete the implementation and testing of the remaining part of their solution. They will integrate the complete project, test it, and prepare a Report, oral presentation, poster presentation, and project demonstration.

Information Technology/Cyber Security Concentration Courses

INT441 Digital Forensics

This course introduces the methodology and procedures associated with digital forensic analysis in a network environment. Students will develop an understanding of the fundamentals associated with the topologies, protocols, and tools required to conduct forensic analysis in a network environment. Students will also evaluate the importance of network forensic principles, legal considerations, digital evidence controls, and documentation of forensic procedures.

INT442 Cryptography

This course introduces students to the basic concepts of classical Cryptography. Students will gain hand-on understanding and practice of the cryptography related topics included: classical encryption techniques such as symmetric Cipher model, Substitution Techniques, and Steganography. In addition, the students will learn Asymmetric Cipher model Public-key cryptography and RSA, cryptographic data integrity algorithms, and Symmetric Key Distribution Using Symmetric Encryption.

INT443 Ethical Hacking

This course provides the student with advanced knowledge in ethical hacking and the strengths and weaknesses of the hardware and software. Students will analyze vulnerabilities and countermeasures and propose appropriate solutions. They will also be able to identify and manipulate the same tools and techniques used by hackers. Performing penetration testing will also be introduced as a tool to prevent breaking into computer systems.

INT444 Wireless and Mobile Networks Security

This course aims at providing students with a deep understanding about the security issues related to data networks work in real context. The course covers the major topics such as WLAN security, WLAN threats, and WLAN security measures as well as mobile communication security and mobile device models. Additionally, students will be able to detect mobile malware and application-based threats and select the suitable defense solution.

INT447 Selected Topics in Cybersecurity

This course aims to introduce students to new developments in the area of cyber security not specifically covered in the curriculum and in which a faculty member has developed interest and proficiency. The intention is to provide a rapid response to current trends and to widen student's knowledge in different areas of Information Technology. Specific content of the course will depend on the particular area taught at the time.

Information Technology/Data Analytics Concentration Courses

INT421 Advanced Data Analysis

This course provides practical advanced data analysis and deep learning approaches using Python language. The students will learn data handling tasks such as fetch data, data cleaning and retrieve data from different resources. Students will learn regression, statistical learning techniques, linear models and unsupervised approaches. Further the students will be introduced to different deep learning architectures and develop neural network models such as Convolutional Networks (CNNs), and Recurrent and Recursive Networks(RNN).

INT422 Data Mining

The success of any organization greatly depends on its ability to process and understand its information and extract essential knowledge to help managers take well informed decisions. This course aims to introduce students to concepts and techniques of Data Mining. Main topics include: Data mining concepts and tasks, classification techniques, association analysis and algorithms, clustering analysis and algorithms, anomaly detection methods, avoiding false discoveries and web mining.

INT423 Advanced Database Design and Implementation

This course builds on top of the first DBMS course by introducing advanced database concepts to allow students to effectively design and implement a database. The course revisits SQL in a deeper, more practical approach, with a focus on its PL/SQL extension. The student will learn object oriented database design, and how to manage multi-user databases with respect to concurrency and recovery. Also, students will be exposed to database optimization and performance evaluation.

INT424 Data Modeling and visualization

This course covers data visualization, the art and science of turning data into readable graphics. Student will know how to create data visualizations based on data available and tasks to be achieved. Student will learn visualization techniques for abstract data, scientific visualization techniques for spatial data, use of space and color to visually encode data in a view, and the trade-offs between changing a single view and using multiple linked views, and the ways to reduce the amount of data shown in each view.

INT427 Selected Topics in Data Analytics

This course aims to introduce students to new developments in the area of data analytics not specifically covered in the curriculum and in which a faculty member has developed interest and proficiency. The intention is to provide a rapid response to current trends and to widen student's knowledge in different areas of Information Technology. Specific content of the course will depend on the particular area taught at the time.

Department of Interior Design

Mission

The department of Interior Design (ID) provides high-quality interior design education to its students by focusing on developing their knowledge, technical as well as generic skills so that they are well qualified for gainful employment in interior design discipline and can effectively contribute to the advancement of the community. The Interior Design program also aims to prepare its students for postgraduate study.

Goals

The ID Program Goals, also referred to as Program Educational Objectives (PEOs) are stated below. Graduates of Interior Design program shall have:

1. A foundation in basic knowledge, skills and the ability to apply those skills in their design process and presentation.
2. Skills and abilities required for data collection, analysis, design, and evaluation of interior design projects including technical details.
3. The ability to utilize up-to-date technology in the field of interior design, for example, computer-aided design and other software applications, and working drawings and presentations.
4. The ability to work as an efficient team member in multi-professional groups.
5. The ability to recognize environmental factors and cultural, traditional and heritage aspects and apply in their projects.
6. The ability of critical thinking and life-long learning.
7. Basic information about the interior environment sustainability, with the application of lighting, acoustics and human factors.

Alignment of Program Outcomes to QF Emirates

Program Outcomes	**Strand 1** Knowledge	**Strand 2** Skills	**Strand 3** Autonomy and Responsibility	**Strand 4** Role in Context	**Strand 5** Self-Development
1. Apply the concepts and principles of interior design drawings and techniques	X				
2. Apply a systematic method in data collection in the process in project design and technical details	X				
3. Implement broad knowledge in the field of interior design through, construction details, working drawings, technical specifications and project documents	X				
4. Communicate effectively in multidisciplinary teams and work effectively with other professionals in the ID industry	X				
5. Apply and identify the application of chosen interior design product	X				

taking into consideration sustainability, culture, tradition, and heritage aspects					
6. Employ and adjust communication professionally in design, conduct development stages, analyze and interpret satisfactory results		X			
7. Direct knowledge in practice, through critical thinking and lifelong self-learning		X			
8. Evaluate, select, and apply modern media as well as software package and information technology		X			
9. Communicate effectively, visually, orally and in written format, and deploy up-to-date presentation techniques to present and explain project		X			
10. Evaluate the theories and design development of the interior design products that reflect the critical thinking		X			
11. Work independently as well as part of a team in a variety of design project process			X		
12. Take responsibility for developing appropriate resolutions to any interior design outcomes			X		
13. Demonstrate professional quality appropriate to the design project				X	
14. Manage the achievement of desired outcomes individually or within the teamwork				X	
15. Express the ability to follow contemporary issues and describe the impact of different interior design solutions in local and international community frameworks				X	
16. Find out from credible resources as well as from experiences earned in various circumstances, and thus enhance their knowledge and skills throughout their professional career					X
17. Apply and analyze ethical standards in professional practice					X

Admission Requirements

1. A minimum high school average of 65% for Elite or Advanced Track or 70% for General Track or equivalent in starndarized international systems.
2. EmSat score of 1100 for English Language or an equivalent English Proficiency Test approved by CAA.
3. EmSat score of 600 for Arabic Language. Alternatively, on-Arab students can register in a non-credit Introduction Arabic language course at USTF.

Career Opportunities

A graduate from the Bachelor of Interior Design program is qualified by education, experience and examination to develop interior designs for the purpose of improving the quality of life, increasing productivity, and protecting the health, safety, and welfare of the public. A graduate is able to take up a job position as an, Interior Designer, Interior Teaching Assistant, Project Manager Assistant, and Business Marketing Assistant

Graduation Requirements

The Bachelor in Interior Design will be awarded upon the fulfillment of the following:

- Successful completion of all courses in the program curriculum (130 Credit Hours)
- Successful completion of four Credit Hours of Interior Design Training
- A minimum CGPA of 2.0

Degree Requirement

The Bachelor degree in Interior Design requires the completion of 134 Cr. Hrs. distributed according to the following plan:

Classification	No. of Courses	Total Credit Hours
University Requirements(Compulsory)	5	15
University Requirements(Elective)	3	9
College Requirements (Compulsory)	2	6
Department requirements (Compulsory)	29	95
Interior Design Elective Courses	3	9
Total	42	134

(1) University Requirements - Compulsory: (15 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS111	Emirates Society (Arabic)	3
EMS112	Emirates Society (English)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3

(2) University Requirements - Elective: (9 Cr. Hrs.)

(i) Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
NUT111	Fundamentals of Human Nutrition	3
ORH211	Oral Health	3
AID111	First Aid	3
RES211	Research Methodology	3
ISH111	History of Science in Islam	3
STA111	Statistics (Arabic)	3
STA112	Statistics (English)	3
AST 211	Astronomy	3
PHY111	General Physics	3
BIO111	General Biology	3
CHM 111	General Chemistry	3
GEO111	General Geology	3
MTH111	Introduction to University Mathematics	3

(ii) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
INF212	Introduction to Information Systems	3
INT211	Internet Concepts	3
SOC211	Modern Technology and Society	3
INF 211	Information Society	2 Theory + 2 Practical
COM111	IT Fundamentals (Arabic)	2 Theory + 2 Practical
COM111	IT Fundamentals (English)	2 Theory + 2 Practical
EDT211	Educational Technology	3
ETH111	Academic and Technological Ethics	3
ART 211	Introduction to Digital Photography	3
GIS211	Applications of Remote Sensing and GIS	3
DEG111	Digital Marketing	3
CGR111	Introduction to Graphic Design	3
FIR111	The Fourth Industrial Revolution	3
ARI111	Artificial Intelligence	3

(iii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH211	Islamic Civilization	3
THI211	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
MGT200	Introduction to Management	3
ARC 211	Principles of Architecture	3
ART110	Introduction to Art (English)	3
ART 112	Introduction to Aesthetics	3
ARB 113	The Art of Written Expression	3
ENV111	Environmental Science	3
SOC 111	Introduction to Sociology	3
DER118	Introduction to Public Relations and Advertising	3
SOC112	Communication Between Cultures	3

(3) College Requirements (3 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
MTH131	**Math for Management**	**2**	**0**	**2**	**3**	**---**

(4) Specialization Requirements Compulsory: (98 Cr. Hrs.)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
BID111	Introduction to Interior Design	1	4	---	3	---
BID249	Psychology of Design	3	---	---	3	BID231
BID121	CAD I For Interiors	1	4	----	3	COM111
BID235	CAD II For Interiors	1	4	----	3	BID121
BID115	Technical writing for ID	3	---	---	3	---
BID113	Freehand Drawing I	1	4	----	3	---
BID128	Freehand Drawing II	1	4	----	3	BID113
BID112	Engineering Graphics for Interiors	2	2	0	3	---
BID114	Materials Technology	2	---	---	2	---
BID126	Interior Design I	1	6	----	4	BID111
BID232	Model Building	1	4	----	3	BID112 BID114
BID231	Interior Design II	1	6	----	4	BID126
BID246	Interior Design III	1	6	----	4	BID231
BID233	History of Interior Design I	3	---	---	3	BID126
BID248	History of Interior Design II	3	---	---	3	BID233
BID127	Color in Interior Design	2	2	----	3	---
BID247	Interior Construction I	2	2	----	3	BID112,BID114
BID129	Furniture Design	1	4	----	3	BID111,BID112
BID234	Lighting and Acoustics in Interior Design	2	2	----	3	BID126
BID351	Interior Design IV	1	8	----	5	BID246
BID364	Interior Design V	1	8	----	5	BID351
BID352	Interior Construction II	2	2	----	3	BID247
BID353	Interiors in the UAE	3	---	----	3	BID246
BID365	Working Drawings I	2	2	----	3	BID352
BID484	Practice in Interior Design	3	--	--	3	BID472
BID366	Sustainability for ID	3	---	---	3	BID351
BID472	Working Drawings II	1	2	----	2	BID365
BID471	Graduation Project I	2	2	----	3	BID364
BID483	Graduation Project II	1	8	----	5	BID471
BID410	ID Practical Training	---	---	---	4	BID364

(5) Specialization Requirements Electives: (9 Cr. Hrs.)

The student will take three of the following Specialization Electives as approved by the academic advisor.

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
BID501	Selected Topics in Fur. Des	1	4	---	3	BID351 BID129
BID502	Islamic Interiors	3	---	---	3	BID351
BID503	Theory of Interior Design	3	---	---	3	BID351
BID504	Selected Topics in Interior Design	1	4	---	3	BID351
BID505	Architectural Design for Interiors	3	---	---	3	BID351
BID506	Advanced CAD	1	4	---	3	BID235

Proposed Study Plan

First Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID111	Introduction to Interior Design	3	1	4	-	-
BID112	Engineering Graphics for Interiors	3	2	2	-	-
BID113	Freehand Drawing I	3	1	4	-	-
BID114	Materials Technology	2	2	-	-	-
ENG111	English Communication Skills	3	3	-	-	-
ISL112	Islamic Culture	3	3	-	-	-
Total		**17**				

First Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID126	Interior Design I	4	1	6	0	BID111
BID127	Color in Interior Design	3	1	4	0	-
BID128	Freehand Drawing II	3	1	4	0	BID113
BID129	Furniture Design	3	1	4	0	BID111,BID112
BID121	CAD I for Interiors	3	1	0	4	COM111
BID115	**Technical Writing for ID**	**3**	**3**	**--**	**0**	**-**
Total		**19**				

Second Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID231	Interior Design II	4	1	6	0	BID126
BID233	History of Interior Design I	3	3	---	0	BID126
BID232	Model Building	3	1	0	4	BID112 BID114
BID234	Lighting &Acoustics for ID	3	2	2	0	BID126
BID235	CAD II for Interiors	3	1	0	4	BID121
EMS111	Emirates Society (Arabic)	3	3	0	0	-
Total		**19**				

Second Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID246	Interior Design III	4	1	6	-	BID231
BID248	History of Interior Design II	3	3	0	-	BID233
BID247	Interior Construction I	3	2	2	-	BID112 BID114
BID249	Psychology of Design	3	3	0	-	BID231
ARB111	Comm. skills in Arabic Lang.	3	3	0	-	-
xxxxxxxx	University Elective	3	---	---	-	-
Total		**19**				

Third Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID351	Interior Design IV	5	1	8	-	BID246
BID352	Interior Construction II	3	2	2	-	BID247
BID353	Interiors in the UAE	3	3	0	-	BID246
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3				
MATH131	Math for Management	3	3	2 (Tut.)	-	---
Total		**17**				

Third Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID364	Interior Design V	5	1	8	-	BID364
BID365	Working Drawings I	3	2	2	-	BID365
xxxxxxxx	Special Elective I	3			-	-
BID366	Sustainability for ID	3	3	0	-	-
xxxxxxxx	University Elective II	3			-	-
Total		**17**				

>> External Training I - 2 Cr. Hrs. (8 weeks)

Fourth Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID471	**Graduation Project I**	**3**	**2**	**2**	**-**	**BID364**
BID472	**Working Drawings II**	**2**	**1**	**2**	**-**	**BID365**
xxxxxxxx	**University Elective III**	**3**			**-**	**-**
xxxxxxxx	**Special Elective II**	**3**			**-**	**-**
Total		**11**				

Fourth Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Cr. Hrs.	Lec	St. Hrs.	Lab	
BID483	**Graduation Project II**	**5**	**1**	**8**	**-**	**BID471**
xxxxxxxx	**Special Elective III**	**3**			**-**	**-**
BID484	**Practice in Interior Design**	**3**	**3**	**0**	**-**	**BID472**
Total		**11**				

>> External Training II - 2 Cr. Hrs. (8 weeks)

Interior Design Department Courses Description

Introduction to Interior Design **Course Code: BID111**

Credit Hours: 3Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: None Co-Requisite

This course aims to introduce students to the basic elements of design, its principles, visual aspects with their perception, design vocabulary and their application in design. It also familiarizes the students with the implementation of fundamental concepts and elements of Interior Design.

Engineering Graphics for Interiors **Course Code: BID112**

Credit Hours: 3Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)

Pre-Requisite: None Co-Requisite: None

This course aims to familiarize students with basic drafting skills and essential fundamental concepts of interior design drafting by introducing the principle of parallel- line drawings, orthogonal projections, and rendering techniques. It enables students to understand the use of 2-D, 3-D parallel and orthographic projections in interior design projects.

Freehand Drawing I **Course Code: BID113**

Credit Hours: 3Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: None Co-Requisite: None

This course aims to introduce a solid grounding in the principles of freehand drawing. The emphases are on teaching basics of drawing and composition, including how to create sketch perspectives, assume scale, and introduce textures and tones into their illustrations of interior spaces. It enables students to conceptualize their imagination in the field of interior design.

Materials Technology **Course Code: BID114**

Credit Hours: 2 Cr. hrs.: Theory (2 hrs.)

Pre-Requisite: None Co-Requisite: None

This course aims to provide the interior design students with the technical aspects of surface and structural materials. It enables students to learn how to apply innovative material concepts of three-dimensional design to the reality of finished space in respect of human behavior, environmental needs, and regulations.

Technical Writing for Interior Design **Course Code: BID115**

Credit Hours: 3Cr. Hrs.: Theory (3 hrs.)

Pre-Requisite: None Co-Requisite: None

This course intends to develop interior design students' proficiency and communicative competence in technical/professional writing and oral presentation skills. Following the statement "Write to communicate," in Design should be focused on showing rather telling, students learn how to organize and express facts and ideas about their profession through written words. Coursework focuses on the production of technical and research documents used in industry for possible audiences, simultaneously practical and interactive assignments designed specially to improve their verbal communication.

Interior Design I **Course Code: BID126**

Credit Hours: 4Cr. Hrs.: Theory (1 hrs.), Studio (6 hrs.)

Pre-Requisite: Introduction to Interior Design (BID111) Co-Requisite: (BID127, BID129)

This course introduces the students to residential interior design and its requirements, including interior space planning, furniture arrangements, and design treatments. Students should be introduced to the basics of interior design concept, gathering data of several client's needs and types. Classify the residential activities and functions to arrange the

elements of interiors, like furniture, accessories, and floor wall ceiling materials, in a unified design.

Color in Interior Design **Course Code: BID127**

Credit Hours: 3 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)

Pre-Requisite: None Co-Requisite: Interior Design I (BID126)

This course provides students with a background in color theories as it relates to interior design including color schemes. The class consists of lectures, discussions and in-class exercises through individual and group work. Lectures explain the physics of color, color theories, physiology of color, the psychology of color, color in art and practical assignments focusing on the application of color in residential design project in the design studio.

Freehand Drawing II **Course Code: BID128**

Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: Freehand Drawing I (BID113) Co-Requisite: None

This course is the one built on the knowledge and skills acquired in freehand I. Students continue developing the cognitive process associated with the drawing studies of space in multiple relationships. Variety of assignments emphasize on students learning the development of personal, introspective illustrations and rapid concept development as well as an exploration of various media in experimental applications.

Furniture Design **Course Code: BID129**

Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: Introduction to Interior Design (BID111) , Engineering Graphics for Interiors (BID112) Co-Requisite: Interior Design I (BID126)

This course is an introduction to the furniture design process considering all its aspects such as aesthetic design issues, structure, ergonomics, anthropometry functionality, materials technology, and manufacturability. The course also incorporates the study of history and design of residential and commercial furniture styles and periods along with the contemporary design, which leads the Students to utilize the design process to explore and formulate concepts, communicate those design ideas, and fabricate a quality furniture piece based on their research and design solutions.

CAD I for Interiors **Course Code: BID121**

Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Lab (4 hrs.)

Pre-Requisite: None Co-Requisite: None

This course aims to introduce students to Computer Aided Design and drafting (CADD) and its application for interior design projects using auto CAD software. Topics include 2D tool palette, object information, resources and command box windows, dimensioning tool, scale, layers, line weight and symbols. It is also includes file management, printing and plotting methods enable students to demonstrate their understanding, skills and proficiency in producing both "presentation" and "technical" styles of Interior design drawings.

Interior Design II **Course Code: BID231**

Credit Hours: 4 Cr. Hrs.: Theory (1 hrs.), Studio (6 hrs.)

Pre-Requisite: Interior Design I (BID126) Co-Requisite: BID232, BID234

This course introduces students to the factors important in the successful design of retail stores, cafés, restaurants and hair salons in urban and shopping mall settings. Students learning comprises many aspects from interior space utilization, façade design, display fixtures fitting and furniture design, visual merchandising to signage and lighting design principles as well as the role of the interior designer in branding and the selling of a product by understanding customer behavior.

Model Building **Course Code: BID232**

Credit Hours: 3 Cr. Hrs.: Theory (1 hrs.), Lab (4 hrs.).
Pre-Requisite: Engineering Graphics for Interiors (BID112), Materials Technology (BID114).
Co-Requisite: Interior Design II (BID231)
This course is an introduction to understanding the way that designers use models in their design project. Students are encouraged to learn that three-dimensional model is making from a variety of simple materials, sculpting, mold-making, wood joinery, laser cutting and 3D printing to support design development for their design projects. In addition, an induction lecture helps students to arrange the materials on samples board for their design project.

History of Interior Design I **Course Code: BID233**

Credit Hours: 3 Cr. hrs.: Theory (3 hrs.)
Pre-Requisite: Interior Design I (BID126) Co-Requisite: None
This course aims to introduce students a critical overview of the history of interior design, its connection to different periods and cultures, and its integral relationship with the interior, architecture, and decorative arts. Lecture, readings, and field trips focus on the development of major forms, period styles, and ornament from ancient Egypt, Greece, and Rome through the Renaissance, Baroque, Rococo, and Neoclassical eras.

Lighting and Acoustics for Interior Design **Course Code: BID234**

Credit Hours: 3 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)
Pre-Requisite: Interior Design I (BID126) Co-Requisite: Interior design II (BID231)
The course aims to introduce interior design students with lighting design system, lighting graphics, the creation of specifications' legend and basic control systems as well as special topics such as decorative luminaires and energy efficiency. The course explores the physical influence of lighting on color. The course includes in-depth mathematical calculations used to determine the amount of natural and artificial lighting and acoustic treatment required to meet specific codes and clients' needs. Various factors of sound and vibration control are also included to understand acoustic behavior in interior space.

CAD II for Interiors **Course number: BID235**

Credit hours: 3 Cr. Hrs.: Theory (1 hrs.), Lab (4 hrs.)
Pre-Requisite: CAD I for Interiors (BID121) Co-Requisite: None
Building on the skills from CAD I, this course aims to teach students an advanced three dimensional, rendering and presentation software packages. In addition, students will utilize their learning skills to develop their projects and design analyses outcome, which will enhance their 3D computer visualization skills, as well as generative types of CAD concepts.

Interior Design III **Course Code: BID246**

Credit Hours: 4 Cr. Hrs.: Theory (1 hrs.), Studio (6 hrs.)
Pre-Requisite: Interior Design II (BID231) Co-Requisite: (BID249)
The course aims to introduce students to commercial interior design such as offices' interiors in the setting of administrative and public buildings. The course contents would then enable the students to design office interiors with emphasis placed on planning, circulation, furniture arrangement, color, lightings and other design treatments. The students can recognize the organizational charts and the nature of the business to provide the successful design.

Interior Construction I **Course Code: BID247**

Credit Hours: 3 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)

Pre-Requisite: Engineering Graphics for Interiors (BID111), Materials Technology (BID111)

Co-Requisite: Interior Design III (BID246)

This course would help students, both in exploring the finishing materials, and in understanding, the principle involved in selecting materials for interior spaces. They will identify the elements of interior structure, and recognize physical and visual properties, dimensional characteristics of common used finishes for interior spaces by using the graphic material symbols in their drawings.

History of Interior Design II **Course Code: BID248**

Credit Hours: 3 Cr. hrs.: Theory (3 hrs.)

Pre-Requisite: History of Interior Design I (BID233) Co-Requisite: None

This course introduces students to ideas and approaches to the study of design history and theories with particular emphasis on the contemporary interior environment. Lectures, discussion and field trips help students to explore wide range of built environment and the use of historical documents. Analysis of various movement and their development phase enable students to understand broad historical frameworks.

Psychology of Design **Course Code: BID249**

Credit Hours: 3 Cr. hrs.: Theory (3 hrs.)

Pre-Requisite: Interior Design II (BID231) Co-Requisite: Interior Design III (BID246)

The course introduces the students to the basic psychology of designing spaces that deals with human occupancy. The study of interaction between human behavior and physical environment enable the students to examine perception and cognition, cultural differences in spatial context, proxemics and the role of values in the design of interior environment. Focusing on socio- psychology and aesthetics, students analyze all other aspects of human behavior in interior atmosphere to design comfortable environment for the end user.

Interior Design IV **Course Code: BID351**

Credit Hours: 5 Cr. hrs.: Theory (1 hrs.), Studio (8 hrs.)

Pre-Requisite: Interior Design III (BID246) Co-Requisite: Interior Construction II (BID352)

This course provides students with an introduction to the process of designing hospitality areas specifically hotel interiors. Lectures from guest speakers and industry professionals enable students to gain an overview of all aspects of hotel design including designing for communal areas and understanding room typologies. Students learn how to create a concept based on local culture its influence and how to respond to a brief from a client. Their learnings extended to the field of interior landscape design. The off-site visits take place at a luxury hotel to understand the operation of these hotels that help them to create successful design.

Interior Construction II **Course Code: BID352**

Credit Hours: 3 Cr. Hrs.: Theory (2 hrs.), Studio (2 hrs.)

Pre-Requisite: Interior Construction I (BID247) Co-Requisite: Interior Design IV (BID351)

This course would assist the students exploring the interiors' structural elements such as load bearing structure, partitions, door construction, ceiling and floor design system including interior furnishing and its construction details, based on information gathered within the previous pre-request course interior construction I. In addition, it improves their understanding of custom design working.

Interiors in the UAE **Course Code: BID353**

Credit Hours: 3 Cr. hrs.: Theory (3 hrs.)

Pre-Requisite: Interior Design III (BID246) Co-Requisite: None

The aim of the course is to allow the students to research and study the various UAE, traditional and contemporary residential interiors. This course would then enable students to develop knowledge for the local culture, customs and materials used in UAE constructions, which would help them to utilize this in their current and future design projects.

Interior Design V **Course Code: BID364**

Credit Hours: 5 Cr. Hrs.: Theory (1 hrs.), Studio (8 hrs.)

Pre-Requisite: Interior Design IV (BID351) Co-Requisite: (BID365, BID366)

This course aims to introduce students to design various types of exhibitions areas i.e. Temporary exhibitions, permanent exhibitions, museum and trade shows. Students refine their skills and knowledge while designing an exhibition using an existing plan with focus on how the various elements of an exhibition plan (such as architecture, lighting, display furniture, and didactics) aid the audiences' interpretation of the artefacts. Students learn how to select the appropriate form of documentation for the exhibitions they create for their projects (trade shows and museums).

Working Drawings I **Course Code: BID365**

Credit Hours: 3 Cr. hrs.: Theory (2 hrs.), Studio (2 hrs.)

Pre-Requisite: Interior Construction II (BID352) Co-Requisite: Interior Design V (BID364)

The aim of this course is to introduce students to working drawings sets provide dimensioned, graphical information that can be use by a contractor to construct the interiors, or by suppliers to fabricate components of design to assemble or install them as per requirement on site. Focusing on design project detailing, students also learn the construction techniques of their custom design components in this course.

Sustainability for Interior Design **Course Code: BID366**

Credit Hours: 3 Cr. hrs.: Theory (3 hrs.)

Pre-Requisite: Interior Design IV (BID351) Co-Requisite: None

The aim of this course is to introduce the methodology of sustainability to the interior design students. The environmental issues are an important part in human life and future. The interior design field is concerned about the welfare of the people and their interior, so they need to have a sound knowledge of sustainability and its impact on the individual and society. The primary objective of this course is to explain and recognize the basic meaning of sustainability as philosophy, concept, and principles to guide our students from the first level of the design to construction as well as post construction phase.

Graduation Project I **Course Code: BID471**

Credit Hours: 3 Cr. hrs.: Theory (2 hrs.), Studio (2 hrs.)

Pre-Requisite: Interior Design V (BID364) Co-Requisite: None

The aim of this course is to help the students in the preparation of an analytical and technical report of their individually chosen graduation project, and would be able to gather data successfully of any chosen project, to collect and analyze needed information for the chosen project, develop in aesthetics and functional needs in interior design spaces.

Working Drawings II **Course Code: BID472**

Credit Hours: 2 Cr. hrs.: Theory (1 hrs.), Studio (2 hrs.).

Pre-Requisite: Working Drawings I (BID365) Co-Requisite: None

Follow-up with the course working drawing I, students prepare a complete set of contract documents means by which interior design communicate to the building construction industry, code officials, product manufacturers, suppliers, vendor and fabricators. These documents includes Working drawings, specifications, bill of quantities, and work schedule. While working on given design project, students will acquire a logical approach of these document preparations.

Graduation Project II **Course number: BID483**

Credit hours: 5 Cr. hrs.: Theory (1 hrs.), Studio (8 hrs.)

Pre-Requisite: Graduation Project I (**BID471**) Co-Requisite: None

The course gives the student an opportunity to explore his/her ability and knowledge of dealing with actual existing project in interior design. By using the suitable furnishing requirements, student can create an aesthetic and functional interior design through two main objectives, theoretical and practical to define the different functions applications and its positive and negative points.

Practice in Interior Design **Course Code: BID484**

Credit Hours: 3 Cr. hrs.: Theory (3hrs.)

Pre-Requisite: Working Drawing II (BID472) Co-Requisite: Graduation Project II (BID483)

The aim of this course is to incorporate the basic business theories into the practice of Interior Design. It covers the various principles, which constitute the pillars of business science, to the Interior Design professional. The course develop the skills required in the field of interior design marketing and prepares the students both for employment as well as for future opportunities to set up their own design office as a professional business.

Selected Topics in Furniture Design **Course Code: BID501**

Credit Hours: 3 Cr. hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: Furniture Design (BID129), Interior Design IV (BID351) Co-Requisite: None

The aims of the course is to make students more familiar with programming and conceptual design expressed in sketches, and models, as well as with shop drawings and presentation drawings, understanding the aesthetic and functional/ ergonomic aspects of furniture as well as the technological aspects of producing furniture. This course helsp students understand some sociological factors that influence the methodologies of educational investigation in interior and furniture design. This project will assess students' presentation skill, imagination and creativity.

Islamic Interiors **Course number: BID502**

Credit hours: 3 Cr. hrs.: Theory (3 hrs.)

Pre-Requisite: Interior Design IV (BID351) Co-Requisite: None

The aim of the course is to allow the students to search and understand the philosophy of Islamic interiors, with emphasis on decorative elements and accessories. At the end of the course students would be able to implement the basic rules of Islamic interiors depending on the chosen style, using basically the decorative components of Islamic interiors such as; pattern, color, trims and accessories.

Theory of Interior Design **Course Code: BID503**

Credit Hours: 3 Cr. hrs.: Theory (3 hrs.).

Pre-Requisite: Interior Design IV (BID351) Co-Requisite: None

The aim of this course is to strengthen the students' theoretical background throughout analyze, criticize, and methods and discovering the contemporary theories of designing interiors.

Selected Topics in Interior Design **Course Code: BID504**

Credit Hours: 3 Cr. hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: Interior Design IV (BID351) Co-Requisite: None

The aim of this course is to enable the students to develop in research, analysis and criticism capability in the interior design project not covered in design courses. It aims also to explore and present selected topics in interior design. Guiding study and exploration of subjects not covered by other courses in the discipline and successfully analyze, criticize interior design spaces through recognize the program design for divers' project type.

Architectural Design for Interiors **Course Code: BID505**

Credit Hours: 3 Cr. hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: Interior Design IV (BID351) Co-Requisite: None

The aim of the course is to enhance the interior design students' skills in creating and solving special problem related to the function of interior spaces; re-designing partitions based on structure information, adding new spaces to success the interior design function, to integrate the interior design with the architectural building. As well as to complete the interior design curriculum by designing the landscape spaces with its need of light building structures as an artistically sculpted structures to fit the aesthetical need of this area.

Advanced CAD **Course Code: BID506**

Credit Hours: 3 Cr. hrs.: Theory (1 hrs.), Studio (4 hrs.)

Pre-Requisite: CAD II for Interiors (BID235) Co-Requisite: None

This course consider advanced use of 3D software in the interior design and furniture environment. Students will learn planning, importing, modeling and rendering using programs like 3DMax, Vray, Rhino, and few applications. Beyond use of textures, lights, cameras, blocks and imported geometries, student will produce original designs understanding the planning of modeling workflow, experiencing different modeling techniques and the features of different software. Students will also get notions of parametric design to explore efficiently latest trends in design practice.

This course will support students for their design courses approaching from a formal perspective the conceptual achievements of their design intention.

Interior Design Practical Training **Course Code: BID410**

Credit Hours: 4 Cr. hrs.: (2-2 hrs. External Training)

Pre-Requisite: Interior Design V (BID364) Co-Requisite: None

The aim of this training is to enable students gaining basic professional interior design knowledge, such as; interior finishing materials, suppliers, materials specification, bill of quantity, cost estimation.

15 | College of Pharmacy and Health Sciences

The College of Pharmacy and Health Sciences (COPHS) was founded in accordance with the university's policy of establishing an innovative medical environment which embraces health sciences, dentistry, medical technolog and pharmacy. The establishment of COPHS is intended to meet the demand for pharmacists in hospitals and community pharmacies, and to provide manpower for the increasing number of private pharmacies and the growing pharmaceutical industry in the UAE and the region. The College offer the Bachelor of Pharmacy (BPharm) program, which has received Initial Accreditation status from the Commission for Academic Accreditation (CAA) in the Ministry of Education (MOE) of the United Arab Emirates (UAE) in July 2019. The COPHS is committed to continuously updgrade its program to catch up with evolving Pharmacists roles from that of compounders and dispensers of medicines to that of experts on medicines within multidisciplinary healthcare teams. Accordingly a substantive change, the Bachelor of Pharmacy programe was prepared to align the USTF Bachelor of Pharmacy with the CAA Pharmacy Programs reform. The new Bachelor of Pharmacy program was CAA approved in August 2021.

Mission

The mission of the College of Pharmacy and Health Sciences is to create an environment that promotes excellence in pharmaceutical education, practice and research. The College is committed to the continuous improvement of its program to keep abreast with the rapid advances in the profession of pharmacy and the provision of pharmaceutical care. The College strives to prepare students to become competent, reliable and ethical health care professionals.

Degree Programs

The College offers the following program:

- Bachelor of Pharmacy (BPharm)

Facilities

Laboratory Facilities

The college has several laboratories, covering the various branches of pharmaceutical science, which have the latest equipment. These laboratories have the instrumental apparatus which will enable students to gain sound practical skills as well as integrate theoretical study with real practical methods and techniques.

Computer Facilities

The college receives full technical support and assistance from the university Office of Information Technology which provides its services all year round to administrators, staff and students. The computer laboratories at the university are well-equipped and are available for use throughout the day; they are administered by trained staff who assist faculty and students in solving problems and answering queries.

Bachelor of Pharmacy

Program Objectives

- To prepare students for the practice of pharmacy by providing them with the scientific background, clinical and technical skills that they will need to successfully complete their program of study.
- To provide an educational environment that enables students to acquire the behavior, and moral and ethical attitudes they will need to practice the profession competently and ethically.

Program Outcomes

The intended outcomes of the program are that students will be able to:

- Demonstrate knowledge of the basic and clinical science background of pharmacy practice
- Implement the processes of compounding and dispensing medications, interpreting prescription orders and applying calculations related to the compounding and dispensing of medicines
- Demonstrate knowledge of the basic skills and techniques involved in drug manufacture and development, drug design and screening and quality assurance of pharmaceutical products
- Demonstrate knowledge of the rational use of herbal supplements, fundamentals of phytotherapy and the hazards of poisonous and abused natural products
- Participate in patient care by influencing optimal drug choice and dosage through effective communication with health care providers and patients
- Display legal, moral, ethical attitudes and behaviors consistent with the standards of the profession
- Demonstrate the ability to lead and to function both independently and as a member of a team
- Develop self-learning skills, problem solving and critical thinking abilities and the ability to retrieve, evaluate and manage information in the literature
- Demonstrate the ability to write clear and organized reports, and to present oral communications
- Develop the necessary skills in information use and management to educate health care professionals and the public in optimal drug therapy

Mapping of the B. Pharm PLOs to the UAE's qualification framework.

QFEmirates Learning Outcomes Strands		B. Pharm. Program learning outcomes (PLOs)
On successful completion of the BPharm program, graduates will be able to:		
Knowledge		K1. Demonstrate knowledge of the basic and clinical science background of pharmacy practice.
		K2. Demonstrate knowledge of the basic skills and techniques involved in drug manufacture and development, drug design and screening and quality assurance of pharmaceutical products.
		K3. Demonstrate knowledge of the rational use of herbal supplements, fundamentals of phytotherapy and the hazards of poisonous and abused natural products.
Skill		S1. Implement the processes of compounding and dispensing medications, interpreting prescription orders and applying calculations related to the compounding and dispensing of medicines.
		S2. Participate in patient care by influencing optimal drug choice, type of dosage form and the design of dosage regimens.
		S3. Develop problem solving and critical thinking abilities and the ability to retrieve, evaluate and manage information in the literature.
		S4. Demonstrate the ability to write clear and organized reports, and to present oral communications.
Aspects of Competence	**Autonomy and responsibility**	C1. Demonstrate the ability to lead and to function both independently and as a member of a team.
	Role in context	C2. Display legal, moral and ethical attitudes and behaviours consistent with the standards of the profession. C3. Develop communication skills in order to effectively counsel patients on their medications. C4. Develop the necessary skills in information use and management to educate health care professionals and the public in optimal drug therapy.
	Self-development	C5. Develop independent study skills for life-long learning and continuous professional development.

Admission Requirements

Prospective candidates seeking admission to the Bachelor of Pharmacy (BPharm) program should fulfill the following requirements:

1. A minimum High School Average of 85% for Advanced Track or 80% for Elite Track or equivalent in Standardized International Systems is required with no admission of General Track applicants.
2. An Emirates Standardized Test (EmSAT) score of 1100 for English Language or an equivalent English Proficiency Test approved by the CAA such as TOEFL score of 500 (173 CBT, 61 iBT), or 5.0 IELTS academic.
3. An EmSAT score of 800 for Arabic Language. Alternatively, on-Arab students can register in a non-credit Introduction Arabic language course at USTF.
4. An EmSAT score of 900 in Mathematics or equivalent, plus scores of 900 in two of the three science subjects (Chemistry, Biology or Physics). In the case that EmSAT scores in Mathematics and two science subjects are not available, a candidate shall

sit an equivalent Admission Exam designed by the College of Pharmacy and Health Sciences which includes Chemistry, Biology, Physics and Mathematics.

5. Passing a personal interview set by the College of Pharmacy and Health Sciences.
6. Conditional admission will be allowed for not achieving the Arabic Language EmSAT score but not for English Language, Mathematics and science subjects (or equivalent admission test in these subjects) or overall High School Certificate, as above.

Career Opportunities

The curriculum is designed and continuously improved with the aim of preparing graduates to be able to effectively deliver pharmaceutical services in the private sector as well as in governmental agencies. Pharmacy graduates have the opportunity to work in different placements related to pharmacy profession:

- Community pharmacies
- Hospital pharmacies
- Pharmaceutical industry
- Pharmaceutical scientific laboratories
- Wholesale drug stores
- Medical representations
- Pharmaceutical administration
- Pharmaceutical education and research
- Food control and analysis
- Other Healthcare facilities

Graduation Requirements

The degree of Bachelor of Pharmacy (BPharm) will be awarded after successful completion of least one hundred and sixty seven credit hours (167 Credit Hours), including the university requirement courses. The period of study normally takes ten regular semesters. In addition, every student should have field training in community pharmacies, hospital pharmacies, pharmaceutical industry, Hospital wards and other healthcare facilities of not less than 960 contact hours which is equivalent to 24 credit hours. The minimum cumulative grade point average (CGPA) for graduation is 2.0.

Degree Requirements

The pharmacy student will be awarded the degree of Bachelor of Pharmacy (BPharm) after the successful completion of at least 167 Credit Hours, including the university requirement courses, distributed according to the following plan:

Type of Courses	Cr. Hrs.
1. University General Education Requirements	**24**
(a) University Required Courses	18
(b) University Elective Courses	6
2. College Requirements	**143**
(a) College Required Courses	116
(b) College Required Training Courses	24
(c) College Electives Courses	3
Total Credit Hours	167

a. University General Education Requirements

(a) University Required Courses (18 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS112	Emirates Society (English)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3
MTH111	Introduction to University Mathematics	3

(b) University Elective Courses (6 Cr. Hrs.)

Students must study any two of the optional courses offered by the Unit of General Studies (2x3=6 CH.)

(i) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
INF212	Introduction to Information Systems	3
INT211	Internet Concepts	3
SOC211	Modern Technology and Society	3
INF 211	Information Society	2 Theory + 2 Practical
COM111	IT Fundamentals (Arabic)	2 Theory + 2 Practical
COM111	IT Fundamentals (English)	2 Theory + 2 Practical
EDT211	Educational Technology	3
ETH111	Academic and Technological Ethics	3
ART 211	Introduction to Digital Photography	3
GIS211	Applications of Remote Sensing and GIS	3
DEG111	Digital Marketing	3
CGR111	Introduction to Graphic Design	3
FIR111	The Fourth Industrial Revolution	3
ARI111	Artificial Intelligence	3

(ii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH211	Islamic Civilization	3
THI211	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
MGT200	Introduction to Management	3
ARC 211	Principles of Architecture	3
ART100	Introduction to Art (Arabic)	3
ART110	Introduction to Art (English)	3
ART 111	Introduction to Interior Design	3
ART 112	Introduction to Aesthetics	3
ARB 113	The Art of Written Expression	3
ENV111	Environmental Science	3
SOC 111	Introduction to Sociology	3
DER118	Introduction to Public Relations and Advertising	3
SOC112	Communication Between Cultures	3

(2) College Requirements

a) Required courses in the Department of Pharmaceutics (28 Cr Hrs)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC231	Pharmaceutical Calculations	2	0	0	2	MTH111
PHC245	Pharmaceutical Technology-Unit Operations	2	2	0	3	PHC231
PHC355	Pharmaceutical Dosage Forms I (Solutions)	2	2	0	3	PHC245
PHC362	Pharmaceutical Biotechnology	2	0	0	2	PHC352
PHC364	Pharmaceutical Dosage Forms II (Coarse dispersions and semisolids)	2	2	0	3	PHC355
PHC473	Pharmaceutical Dosage Forms III (Solid DFs)	2	2	0	3	PHC364
PHC482	Pharmaceutical Dosage Forms IV (Sterile Dosage forms)	2	2	0	3	PHC473
PHC485	Biopharmaceutics & Pharmacokinetics	3	2	0	4	PHC473
PHC594	Applied Pharmacokinetics	2	0	2	3	PHC485
PHC597	Introductory Pharmacy Practice Experience (IPPE): Pharmaceutical Technology Training	0	0	0	2	PHC482

b) Required courses in the Department of Pharmaceutical Chemistry and Pharmacognosy (27 Cr Hrs)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC112	Pharmaceutical Organic Chemistry I	2	2	0	3	-
PHC121	Pharmaceutical Analysis- I	2	2	0	3	-
PHC122	Pharmaceutical Organic Chemistry II	2	2	0	3	PHC112
PHC234	Pharmaceutical Analysis- II	2	2	0	3	PHC121
PHC244	Pharmaceutical Analysis- III	2	2	0	3	PHC234
PHC354	Medicinal Chemistry I	2	2	0	3	PHC243
PHC357	Phytochemistry	2	2	0	3	PHC122
PHC363	Medicinal Chemistry II	2	0	2	3	PHC354
PHC366	Phytotherapy	2	0	2	3	PHC357

c) Required courses in the Department of Pharmacology and Toxicology (29 Cr Hrs)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC113	Principles of Human Anatomy and Physiology I	2	2	0	3	-
PHC123	Principles of Human Anatomy and Physiology II	2	2	0	3	PHC113
PHC232	Biochemistry I	2	2	0	3	PHC122 PHC123
PHC233	Microbiology	2	2	0	3	PHC123
PHC243	Biochemistry II	2	2	0	3	PHC232
PHC352	Immunology	2	0	0	2	PHC243
PHC356	Pharmacology-I	2	2	0	3	PHC243
PHC365	Pharmacology-II	2	0	2	3	PHC356
PHC472	Pharmacology-III	2	0	2	3	PHC365
PHC596	Toxicology	2	0	2	3	PHC472
DDS318	Pathology / Pharmacy	2	0	0	2	PHA253

d) Required courses in the Department of Clinical Pharmacy (53 Cr Hrs)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC111	Introduction to Pharmacy and the Healthcare System	2	0	0	2	-
PHC241	Biostatistics and Research Design	2	0	0	2	MTH111
PHC242	Introduction to Health Economics	2	0	0	2	PHC111
PHC351	Drug Information and Literature Evaluation	2	0	0	2	PHC111
PHC353	Pharmacy Management & Marketing	2	0	0	2	PHC111
PHC361	Infection control and antimicrobial stewardship	2	0	0	2	PHC352
PHC471	Pharmacoepidemiology and Pharmacovigilance	2	0	0	2	PHC365
PHC474	Pharmacotherapy I	2	0	2	3	PHC365
PHC481	OTC and Self Care	2	0	0	2	PHC473 PHC474
PHC483	Pharmacotherapy II	2	0	2	3	PHC474
PHC591	Health informatics	2	0	0	2	After completion of 134 CH
PHC592	Pharmacoeconomics	2	0	0	2	PHC242 PHC483
PHC593	Pharmacy Law and Ethics	2	0	0	2	PHC483
PHC595	Pharmacotherapy III	2	0	2	3	PHC483
PHC475	Introductory Pharmacy Practice Experience (IPPE): Community Pharmacy Training -I	0	0	0	3	After Completion of 99 CH
PHC486	Introductory Pharmacy Practice Experience (IPPE): Community Pharmacy Training-II	0	0	0	3	PHC475
PHC5101	Advanced Pharmacy Practice Experience (APPE): Critical Care	0	0	0	3	After Completion of 151 CH
PHC5102	Advanced Pharmacy Practice Experience (APPE): Infectious Disease	0	0	0	3	After Completion of 151 CH
PHC5103	Advanced Pharmacy Practice Experience (APPE): Hospital Pharmacy Training	0	0	0	3	After Completion of 151 CH
PHC5104	Advanced Pharmacy Practice Experience (APPE): Oncology & Surgery	0	0	0	3	After Completion of 151 CH
PHC5105	Advanced Pharmacy Practice Experience (APPE): Internal Medicine	0	0	0	4	After Completion of 151 CH

e) College Electives (3 Cr Hrs)

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHCE1	Drug discovery and development	2	0	2	3	PHC363
PHCE2	Gene Therapy	3	0	0	3	PHC362
PHCE3	Public Health Education	3	0	0	3	PHC111
PHCE4	Radiopharmacy	2	0	2	3	PHC363; PHC364

f) Graduation Project (3 Cr Hrs)

Pharmacy Study Plan

First Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC111	Introduction to Pharmacy and the Healthcare System	2			2	No
PHC112	Pharmaceutical Organic Chemistry I	2	2		3	No
PHC113	Principles of Human Anatomy and Physiology I	2	2		3	No
XXXXX	University Required Course	3			3	No
XXXXX	University Required Course	3			3	No
XXXXX	University Elective Course	3			3	No
	Total	**15**	**4**		17	

First Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC121	Pharmaceutical Analysis I	2	2		3	No
PHC122	Pharmaceutical Organic Chemistry II	2	2		3	PHC112
PHC123	Principles of Human Anatomy & Physiology II	2	2		3	PHC113
XXXXX	University Required Course	3			3	No
XXXXX	University Elective Course	3			3	No
	Total	**12**	**6**		**15**	

Second Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC231	Pharmaceutical Calculations	2			2	MTH111
PHC232	Biochemistry I	2	2		3	PHC122; PHC123
PHC233	Microbiology	2	2		3	PHC123
PHC234	Pharmaceutical Analysis-II	2	2		3	PHC121
XXXXX	University Required Course	3			3	No
XXXXX	University Required Course	3			3	No
	Total	**14**	**6**		**17**	

Second Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC241	Biostatistics and Research Design	2			2	MTH111
PHC242	Introduction to Health Economics	2			2	PHC111
PHC243	Biochemistry II	2	2		3	PHC232
PHC244	Pharmaceutical Analysis-III	2	2		3	PHC234
PHC245	Pharmaceutical Technology - Unit Operations	2	2		3	PHC231
XXXXX	University Required Course	3			3	No
	Total	**13**	**6**		**16**	

Third Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC351	Drug Information and Literature Evaluation	2			2	PHC111
PHC352	Immunology	2			2	PHC243
PHC353	Pharmacy Management & Marketing	2			2	PHC111
PHC354	Medicinal Chemistry I	2	2		3	PHC243
PHC355	Pharmaceutical Dosage Forms I (Solutions)	2	2		3	PHC245
PHC356	Pharmacology-I	2	2		3	PHC243
PHC357	Phytochemistry	2	2		3	PHC122
	Total	**14**	**8**		**18**	

Third Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC361	Infection control and antimicrobial stewardship	2			2	PHC352
PHC362	Pharmaceutical Biotechnology	2			2	PHC352
PHC363	Medicinal Chemistry II	2		2	3	PHC354
PHC364	Pharmaceutical Dosage Forms II (Coarse dispersions and semisolids)	2	2		3	PHC355
PHC365	Pharmacology-II	2		2	3	PHC356
PHC366	Phytotherapy	2		2	3	PHC357
	Total	**12**	**2**	**6**	**16**	

Fourth Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC471	Pharmacoepidemiology and Pharmacovigilance	2			2	PHC365
PHC472	Pharmacology-III	2		2	3	PHC365
PHC473	Pharmaceutical Dosage Forms III (Solid DFs)	2	2		3	PHC364
PHC474	Pharmacotherapy I	2		2	3	PHC365
PHC475	Introductory Pharmacy Practice Experience (IPPE): Community Pharmacy Training-I				3	After completion of 99 CH
XXXXX	College Elective Course				3	According to the selected course
	Total	8	2	4	**17**	

Fourth Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC481	OTC and Self Care	2			2	PHC473; PHC474
PHC482	Pharmaceutical Dosage Forms IV (Sterile Dosage forms)	2	2		3	PHC473
PHC483	Pharmacotherapy II	2		2	3	PHC474
PHC484	Graduation Project				3	After completion of 116 CH
PHC485	Biopharmaceutics &	3	2		4	PHC473

	Pharmacokinetics					
PHC486	Introductory Pharmacy Practice Experience (IPPE): Community Pharmacy Training-II				3	PHC475
	Total	**9**	**4**	**2**	**18**	

Fifth Year - Fall Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC591	Health informatics	2			2	After completion of 134 CH
PHC592	Pharmacoeconomics	2			2	PHC242; PHC483
PHC593	Pharmacy Law and Ethics	2			2	PHC483
PHC594	Applied Pharmacokinetics	2		2	3	PHC485
PHC595	Pharmacotherapy III	2		2	3	PHC483
PHC596	Toxicology	2		2	3	PHC472
PHC597	Introductory Pharmacy Practice Experience (IPPE): Pharmaceutical Technology Training				2	PHC482
	Total	**12**		**6**	**17**	

Fifth Year - Spring Semester

Course No.	Course Title	Contact and Credit Hrs.				Prerequisite
		Lec	Lab	Tut	Cr. Hrs.	
PHC5101	Advanced Pharmacy Practice Experience (APPE): Critical Care				3	After completion of 151 CH
PHC5102	Advanced Pharmacy Practice Experience (APPE): Infectious Disease				3	After completion of 151 CH
PHC5103	Advanced Pharmacy Practice Experience (APPE): Hospital Pharmacy Training				3	After completion of 151 CH
PHC5104	Advanced Pharmacy Practice Experience (APPE): Oncology & Surgery				3	After completion of 151 CH
PHC5105	Advanced Pharmacy Practice Experience (APPE): Internal Medicine				4	After completion of 151 CH
	Total				**16**	

College of Pharmacy Course Descriptions

PHC111 Introduction to Pharmacy and the Healthcare System (2-0-2)

This course introduces pharmacy practice in a variety of healthcare system settings. Topics include introduction to the profession of pharmacy; including the historical perspective, major routes of pharmacist employment and the future of the practice of pharmacy, the roles of the pharmacists and pharmacy technicians. The students should be able to understand medical terminology and abbreviations, drug delivery systems, handling of prescription and medication orders, medication distribution systems, managing medication use, impact of technology on daily functions of the healthcare system, the health insurance system, basic principles of pharmacy law and ethics, patient counselling and pharmaceutical care. Pre-requisite: None

PHC112 Pharmaceutical Organic Chemistry I (2-2-3)

This course presents the fundamentals of certain topics in pharmaceutical organic chemistry. It covers some important areas in organic chemistry, which include aliphatic and aromatic hydrocarbons, alkyl and aryl halides, alcohols, ethers and epoxides. The course is a prerequisite for other pharmaceutical science courses that are of direct relevance to pharmacy practice. It emphasizes the pharmaceutical and medicinal importance of the functional groups derived from the mentioned classes of organic compounds in drug molecules. In its practical component, the course introduces the student to the methodologies used in testing of chemical and physical properties of functional groups by wet chemistry (and spectroscopic means). The pharmaceutical and medicinal relevance of the course will be demonstrated by case studies and structure challenges presented in both theory and practical sessions. Prerequisite: None

PHC113 Principles of Human Anatomy and Physiology I (2-2-3)

The course provides basic knowledge of normal human body structure and function necessary for students at College of Pharmacy to be capable of understanding other related pathological and clinical medical courses. It also assists students to properly understand the pharmacology of drugs and its application in clinical pharmacy. Pre-requisite: None

PHC121 Pharmaceutical Analysis-I (2-2-3)

This course covers the theoretical basis and introductory to quantitative analysis techniques including chemical equilibrium, dissociation of acids and bases, pH calculations, and buffer solutions. It also covers the fundamentals and applications of various quantitative volumetric and gravimetric methods that are used in pharmaceutical analysis. Pre-requisite: None

PHC122 Pharmaceutical Organic Chemistry II (2-2-3)

This course is a continuation of "Pharmaceutical Organic Chemistry-I" course. The course includes classification, nomenclature, basic chemical reactions and reaction mechanisms of the following classes of natural, synthetic and semisynthetic organic compounds: phenols, aldehydes/ketones, carboxylic acids and their derivatives, amines, and heterocycles. The course also introduces the student to chirality aspects of organic compounds. The course is a prerequisite course for other pharmaceutical science courses that are of direct relevance to pharmacy practice. The course emphasizes the pharmaceutical and medicinal importance of the studied functional groups as well as chirality. Laboratory work includes study of physical properties of different classes of compounds, specific chemical reactions, identification of organic compounds by chemical and spectroscopic analysis, and stereochemical properties of selected classes of organic compounds. The pharmaceutical and medicinal relevance of the course will be demonstrated by case studies and structure-challenge problems. Prerequisite: PHC112

PHC123 Principles of Human Anatomy and Physiology II (2-2-3)

The course provides basic knowledge of normal human body structure and function necessary for students of Faculty of Pharmacy & Medical Sciences to be capable of understanding other related pathological and clinical medical courses. It also assists students to properly understand the pharmacology of drugs and its application in clinical pharmacy. Pre-requisite: PHC113

PHC231 Pharmaceutical Calculations (2-0-2)

This course provides an introduction to the metric, avoirdupois, and apothecary systems of measurement and the basic knowledge of pharmaceutical calculations needed in pharmacy practice for dispensing and compounding of medications. It includes an introduction to

prescriptions, general dispensing procedures and dosage forms. Topics include ratio and proportion, dosage determinations, percentage calculations, reducing and enlarging formulas, dilution and concentration, allegations, aliquots, specific gravity and density, flow rates and Latin terms. Pre-requisite: MTH111

PHC232 Biochemistry I (2-2-3)

This course deals with the general aspects of Chemistry of carbohydrates, amino acids polypeptides and proteins, nucleic acids, lipids, vitamins, and enzymes. This includes: the structure of these compounds, their classification and biomedical importance. The course relates structure of the compounds to their function. Pre-requisite: PHC122 and PHC123

PHC233 Microbiology (2-2-3)

This course takes in consideration the microbiology as an extensive subject with many ramification. It is designed to introduce the students to the microbes world exemplified by Prokaryotes, Eukaryotes and the unique properties of the viruses. Trying to give a brief and up-date presentation of those aspects of medical organisms that can inflict damages to human health. Antibiotics will be discussed at length. Pre-requisite: PHC123

PHC234 Pharmaceutical Analysis-II (2-2-3)

This course provides students with fundamentals and hands-on practice on essential instrumental techniques used in the pharmaceutical analysis. In this course, the basics of electrochemical, absorption spectrophotometric, and atomic spectroscopic methods of analysis as well as common molecular spectroscopic techniques will be covered. Pre-requisite: PHC121

PHC241 Biostatistics and Research Design (2-0-2)

The purpose of this course is to provide students a comprehensive overview of research methods and biostatistics. This course will improve student's knowledge and skills towards research methods and analysis. This course will prepare students to conduct their graduation project as well as conduct research in pharmacy practice in the future. Pre-requisite: MTH111

PHC242 Introduction to Health Economics (2-0-2)

The purpose of this course is to provide students an introduction about the fundamentals, principles, concepts, methods, and applications of health economics. This course will prepare the students for the pharmacoeconomics at the advanced level. Pre-requisite: PHC111

PHC243 Biochemistry II (2-2-3)

The course covers the following topics: bioenergetics, metabolism of carbohydrates lipids, proteins, energy releasing and energy consuming metabolic processes. The regulation of synthesis and breakdown of sugars, lipids, nucleic acids and amino acids. The biochemistry of specialized biological materials. Biosynthesis of the macromolecules proteins, DNA, and RNA. Pre-requisite: PHC232

PHC244 Pharmaceutical Analysis-III (2-2-3)

This course aims to introduce to the students a concept of applying the available instruments used for separation of mixtures as well as qualitative and quantitative analysis of medicinal and pharmaceutical raw materials and formulated medicines. The course covers the quality issues in the laboratory, different chromatographic methods used in qualitative and quantitative analysis of medicinal and pharmaceutical raw materials and formulated medicines, and also analytical method validation process as per the national and international regulatory guidelines. Pre-requisite: PHC234

PHC245 Pharmaceutical Technology-Unit Operations (2-2-3)

This course provides theoretical background and practical demonstration of different manufacturing unit processes that are applied in pharmaceutical industries. Topics includes heat transfer, filtration, particle size reduction, particle size analysis, mechanisms of mixing, powder flow, granulation, and drying. The course also comprises the design and operation of clean rooms with special emphasis on quality assurance & good manufacturing practice guidelines. Pre-requisite: PHC231

PHC351 Drug information and Literature Evaluation (2-0-2)

The purpose of this course is to provide students a comprehensive overview of Drug Information principles, resources, and literature review evaluation. This course will improve student's knowledge and skills towards prepare them to their future practice to be able to answer drug information's queries from public as well as health care professionals, evaluate the literature based on the evidence-based medicine. Pre-requisites: PHC111

PHC352 Immunology (2-0-2)

The aim of this course is to introduce the students to the basic concepts of immunology; How does the immune system work? What are the molecular and cellular components and pathways that protect an organism from infectious agents or cancer? Topics include immune system development, humoral & cell-mediated immunity, disease and treatments involving immunization, immunodeficiency, and autoimmunity. Pre-requisites: PHC243

PHC353 Pharmacy Management and Marketing (2-0-2)

The course will cover concepts of personal, human resource and business management in general and in pharmacy practice. It also covers the principles of marketing theories and applications. Pre-requisites: PHC111.

PHC354 Medicinal Chemistry I (2-2-3)

This course introduces the student to the basic principles of medicinal chemistry. It deals with the relationship between chemical structure and biological activity of medicinal agents (drugs). Topics covered in part 1 of the course include sources of drugs, the effect of physicochemical properties (ADMET) of drugs, sites of drug action, effect of molecular modifications on drug-site-of-action binding and biological response (structure-activity relationship, SAR), concepts of pharmacophores and auxophores in drug design and development, drug metabolism and its role on drug deactivation, activation and drug development. As well, stereochemical aspects of drug molecules including chiral-drug designations, biological activity, metabolic stability and chiral-switch drugs will be covered in part 1 of the course. Part 2 of the course is devoted to the study of selected chemotherapeutic agents with emphasis on the mechanism of action, structure-activity relationship and aspects developed in part 1 of the course. Lab work will focus on physicochemical and pharmacodynamic aspects of drugs. Relevance of the course to pharmacy practice will be illustrated by case-study problems presented in the practical class sessions. Prerequisites: PHC243

PHC355 Pharmaceutical Dosage Form I (Solutions) (2-2-3)

This course introduces pharmaceutical solutions dosage forms and basic principles and techniques needed for compounding simple solutions. The course covers physical pharmacy principles which apply to pharmaceutical solutions, the basic skills and abilities needed to identify various pharmaceutical incompatibilities and the basic techniques needed for extraction of crude drugs.Topics includes states of matter, phase equilibria and phase rule, electrolyte and nonelectrolyte solutions and their colligative properties, solubility and distribution phenomena and internal and external solutions.Pre-requisite: PHC245

PHC356 Pharmacology-I (2-2-3)

This course deals with the general aspects of pharmacokinetics and pharmacodynamics, the pharmacological actions and the therapeutic uses of drugs acting on the autonomic nervous system, the respiratory system and dugs acting on local hormones (autacoids). Various groups of drugs are studied including their pharmacokinetics, mechanism of actions, adverse effects, indications and contraindications.Pre-requisites: PHC243

PHC357 Phytochemistry (2-2-3)

This course covers the study of the Chemistry and Therapy of active constituents in Medicinal Plants such as Carbohydrates, Lipids, Volatile Oils, Tannins, Glycosides and Alkaloids. The study includes the chemical and physical properties, isolation, and identification of the active constituents. Pre-requisites:PHC122

PHC361 Infection control and antimicrobial stewardship (2-0-2)

The purpose of this course is to provide students a comprehensive overview of infection control, antimicrobial resistant crisis worldwide, it is impact on patient's life, economics and the impact of antimicrobial stewardship. Pre-requisite: PHC352

PHC362 Pharmaceutical Biotechnology (2-0-2)

This course introduces the student to the field of biotechnology with especial emphasis on its applications in the preparation of biopharmaceuticals. The course entails definitions, brief history and major areas of contribution of biotechnology. The course shall also cover recombinant DNA technology including cloning of DNA, PCR and Gene libraries. In addition, different methods adopted for the preparation of biotechnology drug products and their evaluation, handling and storage shall be covered. Current marketed biotechnology drug products, as well as the future prospects of biotechnology shall be discussed. Pre-requisite: PHC352.

PHC363 Medicinal Chemistry II (2-2-3)

In this course, the following aspects of major classes of medicinal agents will be covered: discovery and development, classification, mechanism of action, structural features, toxicity, stereochemical aspects, structure activity relationships (SARs), and major metabolic pathways. The detailed knowledge and understanding of targets and binding by various medicinal compounds are discussed with emphasis on the chemical basis of drug action. The classes of medicinal agents covered include drugs acting on neurotransmitters ant their receptors, drugs acting on histaminergic receptors, cardiovascular drugs including antihyperlipidemic drugs, analgesics (NSAIDS and narcotic analgesics), drugs acting on the CNS, local anesthetics, GIT drugs (with emphasis on proton-pump inhibitors) and antidiabetics (oral and parenteral). Relevance of the course to pharmacy practice will be demonstrated by study case problems and structure challenge exercises.Prerequisites: PHC354.

PHC364 Pharmaceutical Dosage Form II (Coarse dispersions and semisolids) (2-2-3)

This course aims to provide students with basic knowledge and formulation procedures related to pharmaceutical dispersions such as colloids, suspensions, emulsions, ointments, creams and aerosols. It also covers rheological properties of both Newtonian and non-Newtonian systems and the physicochemical principles needed to explain characteristics and behavior of pharmaceutical dispersions. Pre-requisite: PHC355

PHC365 Pharmacology-II (2-2-3)

Deals with the pharmacological actions and the therapeutic uses of drugs acting on the cardiovascular system, the renal system, the gastrointestinal tract and the hematopoietic

system. Various groups of drugs are studied including their pharmacokinetics, mechanism of actions, adverse effects, indications and contraindications.Pre-requisites: PHC356

PHC366 Phytotherapy (2-2-3)

The course covers the alternative Medical Systems, mainly Herbal therapy, using medicinal plants and their active constituents. The study includes pharmacodynamic and therapeutic effects of these constituents for treatment of different ailments, as well as the appropriate dosage forms for administration, side effects, contraindication and drug interactions. Monographs on Herbal Pharmaceutical Preparations and Materia Medica of selected medicinal plants are included in the study. Prerequisite: PHC357.

PHC471 Pharmacoepidemiology and Pharmacovigilance (2-0-2)

The purpose of this course is to provide students with a basic understanding of the concepts and practice of pharmacoepidemiology and pharmacovigilance, and to apply these skills to a currently unresolved drug safety issue. Pre-requisite: PHC365

PHC472 Pharmacology-III (2-2-3)

This course deals with the pharmacological actions and the therapeutic uses of drugs acting on the central nervous system and endocrine system. Various groups of drugs are studied including their pharmacokinetics, mechanism of actions, adverse effects, indications and contraindications.Pre-requisites: PHC365

PHC473 Pharmaceutical Dosage Form III (Solid Dosage forms) (2-2-3)

The course comprised of principles and techniques involved in the formulation, preparation and evaluation of solid dosage forms. It covers physical properties of powders, preparation of bulk and divided powders, as well as effervescent and non- effervescent granules. Capsules and tablets types, methods of production/filling and storage are described. The course also covers rectal drug absorption, formulation and evaluation of suppositories. Official and non-official quality control tests of tablets are described. Pre-requisite: PHC364

PHC474 Pharmacotherapy I (2-2-3)

The purpose of this course to provide students with the essential knowledge about pharmaceutical care, cardiovascular and respiratory diseases in order to improve their ability & skills to provide the effective pharmacist care to the patients; identify their needs & Drug Related Problems (DRPs); design the management plan and educate & counsel the patients. Pre-requisite: PHC365

PHC475 Introductory Pharmacy Practice Experience (IPPE): Community Pharmacy Training -I (3-0-3)

The objective of this initial training is to develop students' communication skills, knowledge of community pharmacy practice and to become familiar with different trade of the over-the- counter (OTC) and generic names of some drugs available in the market. In addition, students are expected to understand how to respond to commands in the different types of prescriptions.Pre-requisite: After completion of 99 CH.

PHC481 OTC and self-care (2-0-2)

This OTC course is designed to establish a strong knowledge of OTC drugs in all of its aspects and making pharmacist's job to be patient oriented and not product oriented. This will include monitoring, screening and evaluating drug treatment regimens either in community or hospital settings. In particular, symptoms associated with: gastro-intestinal tract, respiratory, skin, central nerves system, pediatrics, women's health, men's health, eyes and ears, holiday healthcare will be considered with respect to: possible causes; symptoms and

signs; treatment available; counseling points; and when to refer to doctors. Pre-requisites: PHC473 and PHC474.

PHC482 Pharmaceutical Dosage Form IV (Sterile Dosage forms) (2-2-3)

This course covers sterile products including parenteral and ophthalmic preparations; their advantages & disadvantages, formulations, quality control tests and various sterilization procedures. It also covers basic principles of drug stability, routes of drug degradation and various means of avoiding them. In addition to the aseptic techniques applied during the preparations of sterile products. The course also includes an introduction to sustained released products, as well as packaging of pharmaceuticals. Pre-requisite: PHC473

PHC483 Pharmacotherapy II (2-2-3)

The purpose of this course to provide students with the essential knowledge about Gastrointestinal disorders; arthritic disorders; infectious diseases; nutritional issues and renal disorders in order to improve their ability & skills to provide the effective pharmacist care to the patients; identify their needs & Drug Related Problems (DRPs); design the management plan and educate & counsel the patients; assess the nutritional status and design the nutritional plan. Pre-requisite: PHC474

PHC484 Graduation Project (2-2-3)

By the time students reach this level (116 CH) they would have studied a range of pharmaceutical and clinical science topics and have gained some experience of the techniques used in research, through lecture, practicals, tutorials, and workshops. This will enable students to investigate different areas of pharmacy profession under faculty member supervision. In addition, the student must submit their final portfolio which they compiled from Semester-1. The guidelines related to project proposal preparation, final project submission and portfolio requirements will be briefed and copies of the same will be provided to students.

PHC485 Biopharmaceutics and Pharmacokinetics (3-2-4)

This course provides a fundamental understanding of the principles of biopharmaceutics and pharmacokinetics that can be applied to evaluation of drug therapy. Included in this course is a study of interrelationship of drug absorption, distribution, metabolism and excretion (ADME). The course explain the effects of physicochemical properties of the drug, the dosage form in which it is given, and the route of administration on the rate and extent of drug absorption into the systemic circulation. The course explore the application of pharmacokinetic models that aid in the design and optimization of the dosage regimen. Pre-requisite: PHC473

PHC486 Introductory Pharmacy Practice Experience (IPPE): Community Pharmacy Training -II (3-0-3)

Through the utilization of selected community pharmacies and competency based objectives, the student will gain an appreciation for the profession of pharmacy as practiced in the community and develop the professional attitudes, judgment and skills needed to function in this setting. These courses are designed to enable students to: acquire advanced knowledge and proficiency in community pharmacy management, process prescriptions in an efficient manner compatible with advanced skills, acquire additional exposure to pharmacy operations and to different practitioners' disease approach, develop the skills necessary to provide pharmaceutical care services and acquire increased proficiency in counseling patients on health and drug-related matters.Pre-requisite: PHC475.

PHC591 Health Informatics (2-0-2)

The purpose of this course is to provide students an introduction to health informatics, the field devoted to the optimal use of data, information, and knowledge to advance individual health, health care, public health, and health-related research. Students will learn the application of informatics skills and knowledge to health-related problems. Pre-requisite: After completion of 134 CH

PHC592 Pharmacoeconomics (2-0-2)

The purpose of this course is to provide students a comprehensive overview of pharmacoeconomics concepts, methods and applications. This course will improve student's knowledge and skills towards the essential pharmacoeconomics issues in their future practice. Pre-requisite: PHC242 and PHC483

PHC593 Pharmacy law and Ethics (2-0-2)

The course will cover ethical principles and codes that govern the practice of pharmacy and patient care; the different ethical issues pharmacists encounter in daily pharmacy practice; competency of pharmacists and standards of practice expected to be met by regulatory and licensing bodies locally and internationally; the laws and regulations governing pharmacy practice and drug control in the UAE. Pre-requisite: PHC483.

PHC594 Applied Pharmacokinetics (2-2-3)

The course focus on how to integrate basic pharmacokinetic principles when adapting and evaluating therapeutic drug dosing in clinical practice. It relates to the individualization of patient drug therapy, through the proper interpretation of drug serum concentrations. During this course students will acquire in-depth knowledge on design of drug dosing schemes, and how doses may be adapted to individual patients, with especial focus on selected patient cohorts like elderly, children and critical ill patients. Pre-requisite: PHC485

PHC595 Pharmacotherapy III (2-2-3)

The purpose of this course to provide students with the essential knowledge about neurological and psychiatric diseases/ disorders in order to improve their ability & skills to provide the effective pharmacist care to the patients; identify their needs & Drug Related Problems (DRPs); design the management plan and educate & counsel the patients. Pre-requisite: PHC483

PHC596 Toxicology (2-2-3)

This course covers the adverse and toxic effects of drugs and many other chemicals that may be responsible for household, environmental and industrial intoxication. It also covers heavy metals toxicity and its management, common poisons and their antidotes, air pollutants, solvents and vapors and toxicity of pesticides. In addition, this course covers the classification, mechanism of action, clinical indications and adverse effects of antimicrobials, antiviral, antifungal, anthelmintic, and antineoplastic agents.Pre-requisite: PHC472

PHC597 Introductory Pharmacy Practice Experience (IPPE): Pharmaceutical Technology Training (2-0-2)

This training program was designed to provide pharmacy students with the main principle of drug industry and to understand the main role of pharmacists in such filed. Students during the training program will be asked to attend and to take part in all sections of drug industry such as: production line, quality control, quality assurance, raw material handling, and marketing department. Pre-requisite:PHC482.

PHC5101 Advanced Pharmacy Practice Experience (APPE): Critical Care (3-0-3)

The aim of this rotation is to give the student opportunity to practice their knowledge of the management of patients with critical care diseases/conditions to provide pharmaceutical

care services to those patients. In this rotation the students will improve their clinical skills by participate in patient's assessment, design the goals of treating them, design the therapeutic interventions in order to achieve the desired outcome of treating them, improve their adherence towards the management plan by the education & counseling. Pre-requisite: After completion of 151 CH.

PHC5102 Advanced Pharmacy Practice Experience (APPE): Infectious Diseases (3-0-3)

This rotation is designed to improve the students' knowledge, cognitive, communications and Clinical skills relating to the management of patients with, UTIs, influenza, pneumonia, gastroenteritis and other infectious diseases. In this rotation the students will improve their clinical skills by interviewing the patients to: collect and assess their specific needs, identify the actual & potential drug therapy problems; suggest the management plan; evaluation of therapeutic outcomes and educate & counsel them about their medications, disease risk factors and management. Pre-requisite: After completion of 151 CH.

PHC5103 Advanced Pharmacy Practice Experience (APPE): Hospital Pharmacy Training (3-0-3)

This training course will familiarize the student to hospital pharmacy practice in the inpatient and outpatient settings. The training is designed to provide students with the preparation needed to understand the practice environments they will enter and to expose them to areas of pharmacy practice they may have not previously considered within the hospital environment. The student will learn different concepts in the hospital pharmacy, the philosophy of pharmacy consultant services and how to implement pharmaceutical care services. Moreover, the student will develop professional attitudes, judgment and skills needed to function in this setting. He will learn methods used to monitor drug therapy in the patient, treatment of common disease states seen, and how to effectively communicate with patients and health professionals regarding drug utilization. Where available, the student will be involved in the different operations carried out in the inpatient setting. Pre-requisite: After completion of 151 CH.

PHC5104 Advanced Pharmacy Practice Experience (APPE): Oncology & Surgery (3-0-3)

This rotation is designed to improve the student's knowledge and clinical skills related to the management of oncology diseases such as: colorectal cancer, breast cancer, prostate cancer, lung cancer, leukemia's and ovarian cancer. At this rotation the student's will train on: the doses calculations of the recommended chemotherapy regimens, identify the potential drug related problems & design the prophylaxis therapies to minimize it, counsel patients about their disease and palliative care. The students will also be able to review the use of medications in surgical process and also medicines use in surgical infection prevention, local anesthetics and analgesics. Pre-requisite: After completion of 151 CH.

PHC5105 Advanced Pharmacy Practice Experience (APPE): Internal Medicine (4-0-4)

The aim of this rotation is to give the student opportunity to practice their knowledge of the management of: asthma, COPD, Diabetes, angina, hypertension, renal failure, Gout & Hyperuricemia, Rheumatoid arthritis, heart failure and Anaemias to provide pharmaceutical care services to those patients. In this rotation the students will improve their clinical skills by participate in patient's assessment, design the goals of treating them, design the therapeutic interventions in order to achieve the desired outcome of treating them, improve their adherence towards the management plan by the education & counselling. Pre-requisite: After completion of 151 CH.

College Elective Course Descriptions

PHCE1 Drug Discovery and Development (2-2-3)

This course will introduce students to the fundamentals of drug discovery and development from both preclinical and clinical perspectives. Subjects discussed include drug sourcing, target identification and validation, hit discovery, identification of pharmacophores, hit-to-lead optimization, lead-to-drug optimization through functional-group modifications and pharmacokinetics (ADMET) optimization. The multi-disciplinary nature of the research in drug development process will be highlighted. Pre-clinical and clinical testing, regulatory, safety evaluations, bioavailability, patenting, manufacturing and marketing aspects will be presented and discussed. The use of computer-based methods and combinatorial chemistry/high-throughput screening as important tools in drug development will be emphasized. The course will qualify the student for considering "Drug Discovery and Development" as a career after reading for a higher degree in the subject. Prerequisite: PHC 363.

PHCE2 Gene therapy (3-0-3)

Discussion of the diagnosis of genetic disorders and how the causal genes be identified and isolated. The course teaches the basic science of gene therapy, gene delivery vectors, expression of transferred genes, and current gene therapy protocols in humans. The course allows the students to assess the current status and promise of gene therapy and recognize the advantages, disadvantages, and limitations of gene therapy. Prerequisite: PHC362.

PHCE3 Public Health Education (3-0-3)

The purpose of this course is to introduce students to the concepts of public health and health promotion/education in primary, secondary and tertiary settings. This course will prepare the students with the necessary skills to improve the health and wellbeing of individuals and communities. The course will have a particular emphasis on the health education. Prerequisite: PHC111.

PHCE4 Radiopharmacy (2-2-3)

This course provides a comprehensive discussion of the fundamentals of the field of radiopharmacy. It covers the formulation and application of radiopharmaceuticals. Topics include the preparation and quality control of clinically useful radiopharmaceuticals. Procedures and techniques involved in handling, disposition, use of radioisotopes in radiopharmacy practice and regulatory aspects will be presented and discussed. Diagnostic and therapeutic uses of radiopharmaceuticals and their adverse reactions are included. The course prepares the student for reading for a higher degree in radiopharmacy and considering the field as a career. Prerequisite: PHC363 and PHC364.

16 | College of Humanities and Sciences

The College of Humanities and Sciences (CHS) is one of the main colleges of University of Science and Technology of Fujairah (USTF). As a part of a leading University, the College is a pioneer in enhancing and promoting educational practice. The College academic programs help students acquire both a high-level educational and a practical skills and experience that prepare the graduate to engage in various community activities upon graduation.

The College of Humanities and Sciences offers two Bachelor Programs:

- Bachelor of Arts in Sociology and Social Work
- Bachelor of Arts in Psychology
- Bachelor of Arts in Mass Communication/Public Relations and Advertising

The College of Humanities and Sciences offers all courses in basic sciences such as mathematics, physics, and statistics for students enrolled in the other colleges of the University.

Mission

In line with the vision and mission of University of Science and Technology of Fujairah, the College of Humanities and Sciences constantly strives to equip its students with a threefold system of values, knowledge, skills and competencies to enable them to gain the appropriate resources and practices, necessary for them to success in their post-university life.

Objectives

- Presenting the latest theoretical knowledge and mastering professional practice in the fields of sociology and social work, psychology, and public relations and advertising.
- Providing students with applied skills.
- Upgrading the level of performance in the fields of sociology and social service, psychological education and practice and public relations and advertising.
- Development of creative thought.
- Enhancing research skills in the fields of psychology, and public relations and advertising.
- Providing an appropriate scientific environment and to unleash intellectual and scientific creativity in the fields of psychology, sociology and social work and public relations and advertising.
- Graduate qualified and trained cadres from the academic programs offered by the College

كلية الإنسانيات والعلوم

تُعدُّ كلية الإنسانيات والعلوم من الكليات الأساسية بجامعة العلوم والتكنولوجيا في الفجيرة، وباعتبارها جزءًا من جامعة رائدة، كما تُعدُّ الكلية رائدة على المستوى الوطني في تعزيز الممارسة التعليمية، حيث تساعد البرامج الأكاديمية التي تطرحها الكلية الطلبة على اكتساب تعليم عالي المستوى وتجربة عملية تجهز الخريج للانخراط في العمل وفي الأنشطة المجتمعية المختلفة بمجرد التخرج.

تقدم كلية الإنسانيات والعلوم برامج البكالوريوس التالية:

- بكالوريوس الآداب في علم الاجتماع والخدمة الاجتماعية
- بكالوريوس الآداب في علم النفس
- بكالوريوس الآداب في الإعلام / العلاقات العامة و الإعلان

كما تقدم كلية العلوم الإنسانيات والعلوم جميع المقررات الدراسية في العلوم الأساسية مثل الرياضيات والفيزياء والإحصاء للطلبة المسجلين في الكليات الأخرى بالجامعة.

رسالة الكلية

تماشياً مع رؤية ورسالة جامعة العلوم والتكنولوجيا في الفجيرة، تسعى كلية العلوم الإنسانية والعلوم باستمرار إلى تزويد طلبتها بنظام ثلاثي من القيم والمعرفة والمهارات لتمكينهم من اكتساب الموارد والممارسات المناسبة والضرورية لهم للنجاح في حياتهم العملية ما بعد المرحلة الجامعية.

أهداف الكلية

1. تقديم احدث المعارف النظرية وإتقان الممارسة العملية في مجال علم الاجتماع والخدمة الاجتماعية، وعلم النفس والعلاقات العامة والإعلان.
2. تزويد الطلبة بالمهارات التطبيقية.
3. الارتقاء بمستوى الأداء في مجال علم الاجتماع والخدمة الاجتماعية، ومجالات وتطبيقات علم النفس، بالإضافة إلى مجالات العلاقات العامة وفنون الإعلان.
4. تنمية الفكر الإبداعي.
5. تعزيز مهارات البحث في مجال علم الاجتماع والخدمة الاجتماعية. الاجتماعية، وعلم النفس والعلاقات العامة والإعلان.
6. توفير بيئة علمية مناسبة ولإطلاق الإبداع الفكري والعلمي في مجال علم النفس والاجتماع والخدمة الاجتماعية والعلاقات العامة والإعلان.
7. تخريج كوادر مؤهلة ومدربة في مجال علم النفس والاجتماع والخدمة الاجتماعية والعلاقات العامة والإعلان.
8. تنمية التفكير النقدي والإبداعي والقدرة على تقييم بيئة عمل وسائل الإعلام المحلية والإقليمية والدولية.
9. تعزيز مهارات وأساليب البحث الإعلامي التي تمكن الخرجين من العمل بمراكز البحوث أو مواصلة الدراسات العليا.

برنامج بكالوريوس الآداب في علم الاجتماع والخدمة الاجتماعية

البرنامج التعليمي

تم اعتماد برنامج "بكالوريوس الآداب في علم الاجتماع والخدمة الاجتماعية" من مفوضية الاعتماد الأكاديمي بوزارة التربية والتعليم في يوليو 2019م. والبرنامج مطروح في كلية الإنسانيات والعلوم بجامعة العلوم والتقنية في الفجيرة.

رسالة البرنامج

1. توفير بيئة علمية مناسبة ولإطلاق الإبداع الفكري والعلمي في مجال علم الاجتماع والخدمة الاجتماعية
2. تخريج كوادر مؤهلة ومدربة في مجال علم الاجتماع والخدمة الاجتماعية

أهداف البرنامج

1- تقديم احدث المعارف النظرية وإتقان الممارسة العملية في مجال علم الاجتماع والخدمة الاجتماعية
2- تزويد الطلبة بالمهارات التطبيقية
3- الارتقاء بمستوى الأداء في مجال علم الاجتماع والخدمة الاجتماعية
4- تنمية الفكر الإبداعي
5- تعزيز مهارات البحث في مجال علم الاجتماع والخدمة الاجتماعية

شروط القبول

1. شهادة الثانوية العامة الإماراتية المسار المتقدم بنسبة لا تقل عن (60%)، أو المسار العام بنسبة لاتقل عن (65٪) أو ما يعادلها مع شهادة معادلة من وزارة التربية والتعليم في دولة الإمارات العربية المتحدة.
2. اجتياز اختبار الإمارات القياسي في اللغة الإنجليزية بمعدل (950) أو ما يعادلها من شهادات الكفاءة في اللغة الإنجليزية على سبيل المثال TOEFL بدرجة لا تقل عن 450، أو IELTS بدرجة لا تقل عن 4.5.
3. اجتياز اختبار الإمارات القياسي في اللغة العربية بمعدل (1000).

مخرجات البرنامج

مصفوفة الربط بين مخرجات البرنامج التعليمية وفقًا لإطار المؤهلات في دولة الإمارات العربية المتحدة (Emirates QF) والتي تم صياغتها وفقا لمتطلبات وزارة التربية والتعليم.

م	مخرجات البرنامج					
	وفقا لمخرجات البرنامج التعليمي الحديثة، وبعد إكمال الطالب للبرنامج الدراسي لعلم الاجتماع والخدمة الاجتماعية يتوقع أن يكون قادرًا على أن:	Strand 1 المعرفة	Strand 2 المهارة	Strand 3 الاستقلالية والمسؤولية	Strand 4 الدور في السياق	Strand 5 التطور الذاتي
1	يبين المفاهيم والمبادئ المختلفة في مجالات علم الاجتماع والخدمة الاجتماعية والعلوم ذات الصلة	√				
2	يربط بين التطور التاريخي لعلم الاجتماع والخدمة الاجتماعية وبين معطيات الواقع الحالي.	√				
3	يشرح عناصر ومكونات نظرية علم الاجتماع والخدمة الاجتماعية	√				
4	يطبق مهارات الكتابة في مجال علم الاجتماع والخدمة الاجتماعية	√				
5	يستخدم أدوات الإنتاج في مجال علم الاجتماع والخدمة الاجتماعية	√				
6	يطبق القوانين والمواثيق الأخلاقية في مجال علم الاجتماع والخدمة الاجتماعية		√			
7	يقيس مدى التأثير الاجتماعي والمجتمعي		√			
8	يستطيع بلورة وحل إشكاليات العمل في مجال علم الاجتماع والخدمة الاجتماعية		√			

م	مخرجات البرنامج					
9	يساهم في تنمية التفاعل الاجتماعي والمجتمعي			√		
10	يطبق مهارات البحث في علم الاجتماع والخدمة الاجتماعية			√		

مجموع المساقات والساعات المعتمدة (126 ساعة)

م	المساقات	الإجبارية	الاختيارية	الحرة	عدد المساقات	عدد الساعات
1	متطلبات الجامعة	5	3	-	8	24
2	المساقات الحرة	-	-	2	2	6
3	متطلبات القسم الإجبارية	24	-	-	24	72
4	متطلبات مجموعة علم الاجتماع	-	4	-	4	12
5	متطلبات مجموعة الخدمة الاجتماعية	-	4	-	4	12
	المجموع	**29**	**11**	**2**	**42**	**126**

أولا: متطلبات الجامعة الإجبارية (5 مساقات، 15 ساعة معتمدة)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS111	Emirates Society (Arabic)	3
EMS112	Emirates Society (English)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3

ثانيا: متطلبات الجامعة الاختيارية (3 مساقات، 9 ساعة معتمدة)

يجب على الطالب أن يختار مساقاً واحداً من كل مجموعة من المجموعات المذكورة أدناه:

(i) Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
NUT111	Fundamentals of Human Nutrition	3
ORH211	Oral Health	3
AID111	First Aid	3
RES211	Research Methodology	3
ISH111	History of Science in Islam	3
STA111	Statistics (Arabic)	3
STA112	Statistics (English)	3
AST 211	Astronomy	3
PHY111	General Physics	3
BIO111	General Biology	3
CHM 111	General Chemistry	3
GEO111	General Geology	3
MTH111	Introduction to University Mathematics	3

(ii) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
INF212	Introduction to Information Systems	3
INT211	Internet Concepts	3
SOC211	Modern Technology and Society	3
INF 211	Information Society	2 Theory + 2 Practical
COM111	IT Fundamentals (Arabic)	2 Theory + 2 Practical
COM111	IT Fundamentals (English)	2 Theory + 2 Practical
EDT211	Educational Technology	3
ETH111	Academic and Technological Ethics	3
ART 211	Introduction to Digital Photography	3
GIS211	Applications of Remote Sensing and GIS	3
DEG111	Digital Marketing	3
CGR111	Introduction to Graphic Design	3
FIR111	The Fourth Industrial Revolution	3
ARI111	Artificial Intelligence	3

(iii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH211	Islamic Civilization	3
THI211	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
MGT200	Introduction to Management	3
ARC 211	Principles of Architecture	3
ART100	Introduction to Art (Arabic)	3
ART110	Introduction to Art (English)	3
ART 111	Introduction to Interior Design	3
ART 112	Introduction to Aesthetics	3
ARB 113	The Art of Written Expression	3
ENV111	Environmental Science	3
DER118	Introduction to Public Relations and Advertising	3
SOC112	Communication Between Cultures	3

ثالثاً: متطلبات حرة (مساقين،6 ساعات معتمدة)

يختار الطالب مساقين من الجامعة أو الكلية

م	رقم المساق	المساق	الساعات المعتمدة
1			
2			

رابعاً: متطلبات قسم الاجتماع الاجبارية (24مساق ،72 ساعة معتمدة)

م	رقم المساق	المساق		الساعات المعتمدة			المتطلب السابق
				نظري	عملي	المجموع	
1	SSW151	Introduction to	مدخل إلى علم الاجتماع	3	0	3	-

					Sociology		
-	3	0	3	مدخل إلى الخدمة الاجتماعية	Introduction to Social Work	SSW152	2
	3	0	3	علم الإنسان	Anthropology	SSW153	3
	3	0	3	دراسات إماراتية	Emirati Studies	SSW154	4
	3	0	3	تاريخ الفكر الاجتماعي	History of Social Thinking	SSW155	5
	2	2	3	الإحصاء الاجتماعي	Social Statistics	SSW156	6
SSW155	3	0	3	نظريات اجتماعية	Social Theories	SSW257	7
	3	0	3	مجالات الخدمة الاجتماعية	Areas of Social Work	SSW258	8
	3	0	3	علم النفس الاجتماعي	Social Psychology	SSW259	9
SSW152	3	0	3	طريقة خدمة الفرد	Approach to Individual Service	SSW260	10
SSW151	3	0	3	التغير الاجتماعي والثقافي	Social and Cultural Change	SSW261	11
SSW152	3	0	3	طريقة خدمة الجماعة	Approach to Community Service	SSW262	12
SSW152	3	0	3	طريقة تنظيم المجتمع	Approach to Community Organization	SSW363	13
	3	0	3	مشكلات اجتماعية	Social Problems	SSW364	14
	3	0	3	مهارات الاتصال باللغة الإنجليزية	Communication Skills in English Language	SSW365	15
	3	0	3	الإرشاد الأسرى والاجتماعى	Family and Social Counseling	SSW366	16
الانتهاء من السنة الدراسية الثانية	0	3	3	التدريب العملي في المؤسسات 1	Training in Social institutions1	SSW367	17
SSW365	3	0	3	نصوص في علم الاجتماع والخدمة الاجتماعية باللغة الإنجليزية	English Texts in Sociology and Social Work	SSW368	18
SSW156	2	2	3	طرق وتصميم البحث الاجتماعي	Methods and Social Research Design	SSW469	19
	3	0	3	علم اجتماع السكان	Sociology of Demography	SSW470	20
	3	0	3	علم الاجتماع الإعلامى	Sociology of Media	SSW471	21
	3	0	3	التخطيط الاجتماعى	Social Planning	SSW472	22
الانتهاء من السنة الدراسية الثالثة	0	3	3	التدريب العملي في المؤسسات الاجتماعية	Training in Social institutions 2	SSW473	23
SSW469	3	0	3	مشروع التخرج	Graduation Project	SSW474	24

خامساً: متطلبات مجموعة علم الاجتماع الاختيارية (4 مساقات 12 ساعة معتمدة)

م	رقم المساق	المساق		الساعات المعتمدة		
				نظري	عملي	المجموع
1	SSW175	Sociology of the Family	علم الاجتماع العائلى	3	0	3
2	SSW176	Sociology of Organization	علم اجتماع التنظيم	3	0	3
3	SSW177	Urban and Rural Sociology	علم الاجتماع الحضري والريفي	3	0	3
4	SSW178	Sociology of Development	علم اجتماع التنمية	3	0	3
5	SSW179	Sociology of Education	علم الاجتماع التربوي	3	0	3

6	SSW180	Sociology of Crisis Management	علم اجتماع إدارة الأزمات	3	0	3
7	SSW181	Applied Sociology	علم الاجتماع التطبيقي	3	0	3
8	SSW182	Sociology of Women	علم اجتماع المرأة	3	0	3
9	SSW183	Contemporary Social Issues	قضايا اجتماعية معاصرة	3	0	3
10	SSW184	Criminal Sociology	علم الاجتماع الجنائي	3	0	3
11	SSW185	Special Topic in Sociology	موضوع خاص في علم الاجتماع	3	0	3

سادساً: متطلبات مجموعة الخدمة الاجتماعية الاختيارية (4مساقات 12 ساعة معتمدة)

م	رقم المساق	المساق		الساعات المعتمدة		
				نظري	عملي	المجموع
1	SSW186	Social Work in the Area of Youth	الخدمة الاجتماعية في مجال الشباب	3	0	3
2	SSW187	Social Work and the Local Community	الخدمة الاجتماعية والمجتمع المحلي	3	0	3
3	SSW188	Welfare for the Special Needs	رعاية ذوي الاحتياجات الخاصة	3	0	3
4	SSW189	Social Service and Juvenile Welfare	الخدمة الاجتماعية ورعاية الأحداث	3	0	3
5	SSW190	Social Legislation	التشريعات الاجتماعية	3	0	3
6	SSW191	Social Work and Social Defense	الخدمة الاجتماعية والدفاع الاجتماعي	3	0	3
7	SSW192	Social Work in the Medical Area	الخدمة الاجتماعية في المجال الطبي	3	0	3
8	SSW193	Family and Childhood	الأسرة والطفولة	3	0	3
9	SSW194	Welfare of the Elderly	رعاية المسنين	3	0	3
10	SSW195	School Social Work	الخدمة الاجتماعية المدرسية	3	0	3
11	SSW196	Social Work in the Area of Youth	موضوع خاص في الخدمة الاجتماعية	3	0	3

4.1 الخطة الدراسية المقترحة لطلبة برنامج بكالوريوس علم الاجتماع والخدمة الاجتماعية

السنة الاولى الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	SSW151	مدخل إلى علم الاجتماع	3		3	NA
2	SSW152	مدخل إلى الخدمة الاجتماعية	3		3	NA
3	SSW153	علم الإنسان	3		3	NA
4		اختياري جامعة	3		3	NA
5		إجباري جامعة	3		3	NA
6		إجباري جامعة	3		3	NA

السنة الاولى الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	SSW154	مجتمع الإمارات المعاصر	3		3	

2	SSW1155	تاريخ الفكر الاجتماعي	3		3	
3	SSW1156	الإحصاء الاجتماعي	3		3	
4		أختياري مجموعة علم الاجتماع	3		3	
5		اختياري مجموعة الخدمة الاجتماعية	3		3	
6		إجباري جامعة	3		3	

السنة الثانية الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	SSW2257	نظريات اجتماعية	3		3	SSW155
2	SSW258	مجالات الخدمة الاجتماعية	3		3	
3	SSW259	علم النفس الاجتماعي	3		3	
4		اختياري مجموعة علم الاجتماع	3		3	
5		إجباري جامعة	3		3	

السنة الثانية الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	SSW260	طريقة خدمة الفرد	3		3	SSW152
2	SSW261	التغير الاجتماعي والثقافي	3		3	SSW151
3	SSW262	طريقة خدمة الجماعة	3		3	SSW152
4		اختياري مجموعة علم الاجتماع	3		3	
5		اختياري مجموعة الخدمة الاجتماعية	3		3	
6		إجباري جامعة	3		3	

السنة الثالثة الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	----	مساق حر (اختياري جامعة)	3		3	
2	SSW363	طريقة تنظيم المجتمع	3		3	
3	SSW364	مشكلات اجتماعية	3		3	
4	SSW365	مهارات الاتصال باللغة الإنجليزية	3		3	
5	----	اختياري مجموعة علم الاجتماع	3		3	
6		إجباري جامعة				

السنة الثالثة الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1		مساق حر (اختياري جامعة)	3		3	

2	SSW366	الإرشاد الأسرى والاجتماعي	3		3	
3	SSW367	التدريب العملي في المؤسسات الاجتماعية 1		3	3	**انهاء السنة الثانية**
4	SSW368	نصوص في علم الاجتماع والخدمة الاجتماعية باللغة الإنجليزية	3		3	SWW365
5		اختياري مجموعة الخدمة الاجتماعية	3		3	
6		اختياري جامعة	3		3	

السنة الرابعة الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	SSW469	طرق وتصميم البحث الاجتماعي	3		3	SSW156
2	SSW470	علم اجتماع السكان	3		3	
3	SSW471	علم الاجتماع الإعلامي	3		3	
4		اختياري مجموعة الخدمة الاجتماعية				

السنة الرابعة الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	SSW472	التخطيط الاجتماعي	3		3	
2	SSW473	التدريب العملي في المؤسسات الاجتماعية 2		3	3	الانتهاء من السنة الدراسية الثالثة وانجاز 105 س م
3	SSW425	مشروع التخرج	3		3	SSW469

توصيف مساقات برنامج علم الاجتماع و الخدمة الاجتماعية

توصيف مساقات القسم الاجبارية:

اسم المساق	**مدخل إلي علم الاجتماع**		
رقم المساق	SSW151		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	**لا يوجد**		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	مستوي أول/فصل دراسي أول		

توصيف مختصر للمساق:

يتناول المساق نشأة علم الاجتماع وتطوره والتعريف بعلم الاجتماع و ميادينه و الرواد الأوائل المؤسسين لعلم الاجتماع مثل ابن خلدون، أوجست كونت، دوركايم ، كارل ماركس، ماكس فيبر. وموضوعات العلاقة بين علم الاجتماع والعلوم الأخرى وأيضاً يتناول المساق العمليات الاجتماعية الحادثة نتاج العلاقات الاجتماعية كالتعاون والصراع والتكامل والتنافس والتوافق أيضاً يسعى المساق نحو توضيح الاتجاهات النظرية والمنهجية الكلاسيكية في علم الاجتماع، كما يشرح المساق موضوعات الطبقة الاجتماعية والتدرج الاجتماعي والحراك الاجتماعي، كما يهتم المساق بتناول النظم الاجتماعية المكونة للبناء الاجتماعي كالنظم القرابية والاقتصادية والسياسية والدينية.

اسم المساق	**مدخل إلي الخدمة الاجتماعية**		
رقم المساق	SSW152		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	**لا يوجد**		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	مستوي أول/فصل دراسي اول		

توصيف مختصر للمساق:

يتناول المساق نشأة الخدمة الاجتماعية وماهيتها ومبادئها وتطورها وأهدافها، كما يتناول نظريات الممارسة في الخدمة الاجتماعية المعاصرة وسمات الأخصائي الاجتماعي الممارس للخدمة الاجتماعية والأخلاقيات المهنية والتدخل المهني في الخدمة الاجتماعية وعلاقة الخدمة الاجتماعية بالعلوم الأخرى ومؤسسات الخدمة الاجتماعية والخدمة الاجتماعية في وقت الأزمات والكوارث.

اسم المساق	**علم الإنسان**		
رقم المساق	SSW153		
عدد الساعات	مجموع الساعات المعتمدة	عملي	نظري
	3	0	3
المتطلبات السابقة	لا يوجد		
نوع المساق	متطلب قسم اجباري		
مستوي المساق	المستوي الأول/الفصل الأول		

توصيف مختصر للمساق:

يتضمن هذا المساق تعريفاً بخصائص علم الإنسان(الأنثروبولوجيا) وأهدافه، وتطوره التاريخي، ومنح الطلبة فرصه للتعرف على مفاهيم هذا العلم الواسع وذلك بالتركيز على مفاهيم الثقافة والمجتمع في سيق حياة الفرد من حيث هو شخص وعضو بأسرة وجماعة ومجتمع محلي يتوسط مجتمعاً أكبر يعيش ضمن عالم مترابط ومتغير، بالإضافة إلى ذلك يشمل المساق تدريباً أولياً على أدوات البحث الأنثربولوجية لمساعدة الطلبة في إجراء بحث قصير يعتمد على جمع المعلومات بطرق الملاحظة والمشاركة

اسم المساق	**دراسات إماراتية**		
رقم المساق	SSW154		
عدد الساعات	نظري	عملي	المجموع
	3	0	3
المتطلب السابق	**لا يوجد**		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الأول/الفصل الثاني		

توصيف مختصر للمساق:

يتناول المساق التعريف بالمجتمع الإماراتي من حيث النشأة والمكون الثقافي والجغرافيا، وأيضاً موضوعات التنمية المستدامة والتنمية الاجتماعية بدولة الإمارات. كما يتناول المساق مؤشرات الرفاهية الاجتماعية والنظم الاجتماعية وقضايا البيئة واشكال التطور التكنولوجي والتقني بالمجتمع الإماراتي، وكذلك الرؤي المستقبلية لدولة الإمارات .

اسم المساق	**تاريخ الفكر الاجتماعي**		
رقم المساق	SSW155		
عدد الساعات	نظري	عملي	المجموع
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الاول/فصل ثاني		

توصيف مختصر للمساق:

يتناول المساق نشأة بدايات الفكر الاجتماعي في العصور البدائية القديمة ثم تبلور هذا الفكر في الحضارات القديمة المصرية والإغريقية والصينية والهندية. كما يتناول المساق الفكر الاجتماعي في العصور الوسطى المسيحية في أوربا والفكر الاجتماعي عند المسلمين. ويشرح المساق الفكر الاجتماعي في عصر النهضة وعصر التنوير في أوروبا، وأيضاً يناقش المساق فكرة العقد الاجتماعي عند هوبز ولوك وروسو. ويتناول المساق بالشرح تأثير الثورة الصناعية على تطور الفكر الاجتماعي والإنساني.

اسم المساق	**الإحصاء الاجتماعي**		
رقم المساق	SSW156		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اجباري		
مستوى المساق	المستوي الأول / الفصل الثاني		

توصيف مختصر للمساق

يتناول هذا المساق مفهوم علم الإحصاء الاجتماعي، ووظائفه الوصفية والاستدلالية، ومفهوم القياس في العلوم الاجتماعية، وأنواع الصفات في البيانات الإحصائية (الصفات الثابتة، والصفات المتغيرة، وأنواع المقاييس في العلوم الاجتماعية، كما يتناول أساليب جمع البيانات، كما يتناول أنواع العينات الاحتمالية وغير الاحتمالية، كما يتناول المساق بعض التدريبات على عمل الجداول والتوزيعات التكرارية، والرسوم البيانية، ويتناول التعريف والتدريب على حساب مقاييس النزعة المركزية، ومقاييس التشتت، وكذلك كيفية حساب إحصائية مربع كاي واهم استخداماتها، وكيفية حساب معاملات الارتباط الإحصائية، إضافة إلى ذلك هنالك جانب تطبيقي للمساق بتدريب الطلاب معملياً- على استخدام برامج التحليل الإحصائي SPSS أو NIVIVo

اسم المساق	**نظريات اجتماعية**		
رقم المساق	SSW257		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	SSW155		
نوع المساق	متطلب قسم اجباري		
مستوي المساق	المستوي الثاني/فصل أول		

توصيف مختصر للمساق:

يتناول المساق التعريف بالنظرية في علم الاجتماع ومعني النظرية ووظائفها وأنماطها الأساسية، كما يتناول الأسس التي تقيم من خلالها النظرية الاجتماعية. وأيضاً يتناول المساق الاتجاهات التقليدية في النظرية الاجتماعية، كما يتناول الاتجاهات الحديثة في النظرية الاجتماعية، والاتجاهات النقدية الحديثة في علم الاجتماع.

اسم المساق	**مجالات الخدمة الاجتماعية**		
رقم المساق	SSW258		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	**لا يوجد**		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الثاني/فصل دراسي اول		

توصيف مختصر للمساق:

يتناول المساق مقدمة عن مهنة الخدمة الاجتماعية والخدمة الاجتماعية في مجال الشباب والخدمة الاجتماعية في مجال رعاية الأحداث والخدمة الاجتماعية في مجال رعاية الطفولة، والخدمة الاجتماعية في مجال رعاية المسنين، والخدمة الاجتماعية في مجال الإدمان والخدمة الاجتماعية في مجال رعاية ذوي الاجتياحات الخاصة، والمنظمات الاجتماعية ودرورها في الرعاية الاجتماعية في المجالات المختلفة إدارة المؤسسات الاجتماعية والخدمة الاجتماعية وقضايا المجتمع المعاصر

اسم المساق	**علم النفس الاجتماعي**		
رقم المساق	SSW259		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الثاني/ الفصل الأول		

توصيف مختصر للمساق:

يتناول المساق علاقة علم الاجتماع بعلم النفس، كما يوضح تاريخ نشأة وتطور علم النفس الاجتماعي كذلك يوضح أهداف ومناهج البحث المستخدمة ومدى الحاجة لدراستهما، كما يتناول المساق توضيح العلاقة بين علم النفس الاجتماعي والعلوم الأخرى. بالإضافة إلي ذلك يشرح مفهوم الجماعة والتنشئة الاجتماعية والدوافع النفسية والاجتماعية، فضلا عن العوامل الاجتماعية التي تؤثر في تشكيل الشخصية الاجتماعية والدوافع السلوكية الإنسانية وتكوين الاتجاهات وتغييرها وما يرتبط بذلك من أنماط سلوكية.

اسم المساق	**طريقة خدمة الفرد**		
رقم المساق	SSW260		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	SSW152		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الثاني/فصل ثاني		

توصيف مختصر للمساق:

يتناول هذا المساق التعريف بمفهوم خدمة الفرد وخصائصها والعناصر المكونة لها والعلاقات المهنية المتعلقة بها. كما يحتوي على موضوعات تشرح عمليات خدمة الفرد والطريقة التي تتم بها، وكيفية إجراء المقابلة والتسجيل في خدمة الفرد. مع إعطاء نمازج تطبيقية في خدمة الفرد.

اسم المساق	**التغير الاجتماعي والثقافي**		
رقم المساق	SSW261		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	SSW151		
نوع المساق	متطلب قسم اجباري		
مستوي المساق	المستوي الثاني/ فصل ثاني		

توصيف مختصر للمساق:

.يتناول هذا المساق المفاهيم الأساسية للتغير الاجتماعي وتطورها والعلاقة بين التغير الاجتماعي والثقافي والبواعث الاجتماعية والاقتصادية والثقافية للتغير الاجتماعي. كما يحلل نظريات التغير الاجتماعي والظروف الموضوعية لقضايا التحديث وإشكالات الثقافة في بلدان العالم الثالث.

اسم المساق	**طريقة خدمة الجماعة**		
رقم المساق	SSW262		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	SSW152		
نوع المساق	متطلب قسم اجباري		
مستوي المساق	المستوي الثاني/فصل ثاني		

توصيف مختصر للمساق:

. يتناول هذا المساق التعريف بالجماعة وطريقة خدمتها ونظرة تاريخية لتطور العمل مع الجماعات وصعوبات ومشكلات ذلك العمل. كما أنه يتناول النظريات العلمية لطريقة خدمة الجماعة وعمليات التقويم ووضع البرنامج للتدخل المهني بهدف تطوير دور الخدمة التي تقدم للجماعة داخل المجتمع. مع إعطاء نماذج تطبيقية في خدمة الجماعة

اسم المساق	**طريقة تنظيم المجتمع**		
رقم المساق	SSW363		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	SSW152		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الثالث/فصل اول		

توصيف مختصر للمساق:

يتناول هذا المساق طريقة تنظيم المجتمع من حيث المفهوم، والنشأة التاريخية، والفلسفة التي تستند اليها، وأهدافها، ومبادئها الأساسية، والأدوات والوسائل المستخدمة فيها، وعلاقتها بغيرها من طرق الخدمة الاجتماعية الأخرى، ويتناول المجتمع المحلي كوحدة عمل لطريقة تنظيم المجتمع، والتعرف على أجهزة ممارسة طريقة تنظيم المجتمع فيه. كما يتعرض للتدخل المهني في إطار تنظيم المجتمع من حيث المعارف المتصلة بالتدخل المهني وتشمل (الأهداف، والاستراتيجيات، وأدوار المنظم الاجتماعي)، والنظريات الملائمة للتدخل المهني في إطار العمل مع منظمات المجتمع المحلي. ويتناول كذلك نماذج مختلفة لممارسة طريقة تنظيم المجتمع مع التركيز على تنمية المجتمع المحلي، وكذلك التعرض لنماذج من المشكلات المجتمعية ودور طريقة تنظيم المجتمع في التعرف عليها، كما يتناول عمليتي القيادة والتطوع في طريقة تنظيم المجتمع.

اسم المساق	**مشكلات اجتماعية**		
رقم المساق	SSW364		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اجباري		
مستوي المساق	المستوي الثالث/فصل اول		

توصيف مختصر للمساق:

. يتناول المساق تعريف المشكلة الاجتماعية ومراحل تطورها وتصنيفها وخصائصها، كما يتناول دور علم الاجتماع والخدمة الاجتماعية في دراسة المشكلات الاجتماعية، والمداخل النظرية لدراسة المشكلة الاجتماعية. وأيضاً يتناول المساق طرق ودراسة المشكلات الاجتماعية وأيضاً يسعي المساق نحو تدريب الطالب على نماذج تطبيقية من المشكلات الاجتماعية في الواقع الاجتماعي

Course Title	**Communication Skills in English Language**		
Course Number	SSW365		
Number of Credit Hours	Theory	Practical	
	3	0	
Pre-Requisite	None		
Course Type	Compulsory Level: 3		Semester: 1

Catalog Course Description

The course aims to provide students with the language skills and knowledge required to communicate effectively in English in various speech events. As oral language is the basis for communication, instruction will be focused more on listening and speaking to equip learners with the necessary tools to express their thoughts, ideas, and feelings and be able to respond to others. To foster their abilities, students will also be exposed to the grammatical and structural aspects of English including reading, writing and vocabulary building.

اسم المساق	الإرشاد الأسري والاجتماعي		
رقم المساق	SSW366		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الثالث/ الفصل الثاني		

توصيف مختصر للمساق:

يتناول هدا المساق توضيح الفرق بين عمليتي التوجيه والإرشاد، كما يوضح تاريخ نشأة وتطور الإرشاد النفسي والأسري، إضافة إلى شرح أهداف الإرشاد الأسري وأهم المبادئ التي يقوم عليها، علاوة على تحديد وشرح أهم مهارات العمل الإرشادي، كما يتناول المساق أهم النظريات التي تستخدم في الإرشاد الأسري، وطرق وأساليب جمع المعلومات المتنوعة وكيفية عمل دراسة الحالة، إضافة إلى شرح كيفية إدارة الجلسات الإرشادية، كذلك يوضح مجموعة من الأساليب العلاجية المتنوعة، ويتيح الفرصة للطلبة للتدريب عليها، كما يتضمن المساق طرق الإرشاد والتعامل مع ذوي الاحتياجات الخاصة.

اسم المساق	التدريب العملي في المؤسسات الاجتماعية 1		
رقم المساق	SSW367		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	0	3	3
المتطلب السابق	الانهاء من السنة الدرسية الثانية		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	مستوي ثالث/ فصل ثاني		

توصيف مختصر للمساق:

ربط القسم بالمجتمع من خلال تنظيم زيارات ميدانية متتالية للطلاب الى المؤسسات الاجتماعية الأسرية والعقابية والتعليمية والصحية العاملة في الدولة تمهيدا للتدريب فيها لاحقا ، وذلك لتطبيق أسس ومبادئ واساليب الممارسة المهنية للخدمة الاجتماعية ، تحت إشراف مدرس المساق والاخصائي الاجتماعي بالمؤسسة.

Course Title	**English Texts in Sociology and Social Work**		
Course Number	SSW368		
Number of Credit Hours	Theory	Practical	
	3	0	
Pre-Requisite	SSW365		
Course Type	Compulsory Level: 3 Semester: 2		

Catalog Course Description

English Texts in Sociology and Social Work is a course designed to familiarize students with the language of sociology and social work. The course helps students understand and use terminology of sociology and social work. It covers various topics such as social change, demography, social problems and social work etc. This course also helps students develop communication and language skills. The course encourages students to translate short texts from English into Arabic.

اسم المساق	**طرق وتصميم البحث الاجتماعي**		
رقم المساق	SSW469		
عدد الساعات	نظري	عملي	المجموع
	2	2	3
المتطلب السابق	SSW156		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	**المستوي الرابع/فصل أول**		

توصيف مختصر للمساق:

يتناول المساق مفهوم البحث العلمي والبحث الاجتماعي، وأيضاً كيفية اختيار مشكلة البحث العلمي وصياغتها، كما يتناول صياغة وتصميم الفرض العلمي، العينات وطريقة اختيارها وتصميمها، ويتناول المساق أيضاً مناهج البحث الاجتماعي وتصميمها وتصميم طرق أدوات جمع البيانات، كما يتناول المساق خطوات إعداد مقترح البحث العلمي وتفسير وتحليل البيانات وكتابة تقرير البحث.

اسم المساق	**علم اجتماع السكان**		
رقم المساق	SSW470		
عدد الساعات	نظري	عملي	المجموع
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الرابع/فصل اول		

توصيف مختصر للمساق:

يتناول المساق التعريف بمداخل دراسة السكان وتطور منهجه وتنوع الرؤى فيه. كما يتطرق الى دراسة وقياس الحراك السكاني بالتركيز على الخصوبة والوفيات، ثم مفهوم الهرم السكاني والتركيب السكاني ومضامينه والتحليل السوسيولوجي له. كما يناقش السياسة السكانية وأثرها الاقتصادي والاجتماعي وقضايا الهجرة الداخلية والخارجية. ويتعرض بالتحليل إلى نظريات السكان الكلاسيكية والحديثة. ثم يقدم رؤية عن أثر السكان على التنمية في دولة الامارات العربية المتحدة.

اسم المساق	**علم الاجتماع الإعلامي**		
رقم المساق	SSW471		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	اجباري قسم		
مستوي المساق	المستوي الرابع/فصل اول		

توصيف مختصر للمساق:

. يتناول هذا المساق معطيات الحياة الإعلامية في المجتمعات المعاصرة وأهميتها، ملقياً الضوء على العلاقة البينية الوثيقة ما بين الظاهرة الإعلامية والاجتماعية، ومبيناً المدى الذي صبغ فيه التطور التكنولوجي لوسائل الاتصال في المجتمع المعاصر بصبغته. ويعرض المساق نشأة علم الاجتماع الإعلامي كفرع من علم الاجتماع ويطرح مفاهيمه الأساسية، كما يناقش الاتجاهات النظرية الرئيسية التي تناولت الإعلام في سياقه الاجتماعي بدءا من البنائية الوظيفية ونظريات الصراع والتفاعل الرمزي وصولاً إلى الرؤى الاجتماعية المتعلقة بالعولمة ومجتمع المعرفة والشبكات الاجتماعية.

اسم المساق	**التخطيط الاجتماعي**		
رقم المساق	SSW472		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اجباري		
مستوي المساق	المستوي الرابع/ الفصل الثاني		

توصيف مختصر للمساق:

يتناول هذا المساق مناقشة وتحليل مفهوم التخطيط الاجتماعي والمبادئ الأساسية والأهداف التي يحققها. وهو يركز على تطور مفهوم التخطيط ومراحله المختلفة وأنواعه ومستوياته وأولوياته. ومن ناحية أخرى يشرح تنفيذ الخطة الاجتماعية والمشاكل التي تصاحب هذا التنفيذ وإمكانية التقليل منها أو تجاوزها بما يعرف بالتخطيط الاستراتيجي. كما يناقش المساق قضية التخطيط والتنمية وبعض نماذجها في العالم العربي.

اسم المساق	**التدريب العملي في المؤسسات 2**		
رقم المساق	SSW473		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	0	3	3
المتطلب السابق	الانتهاء من السنة الدراسية الثالثة		
نوع المساق	متطلب قسم إجباري		
مستوي المساق	المستوي الرابع/فصل ثاني		

توصيف مختصر للمساق:

يتناول هذا المساق التدريب الميداني للطلبة في إحدى المؤسسات في مجال علم الاجتماع والخدمة الاجتماعية بغرض التطبيق العملي للأساليب والمعارف العلمية التي تم اكتسابها، يجب على الطالب أن يمضي 80 ساعة تدريب ميداني على الأقل عن طريق الانتظام في المؤسسات الاجتماعية ومجالات الخدمة الاجتماعية في الدولة، ويتم التدريب الميداني على دراسة المشاكل الفردية من خلال عمليات الدراسة والتشخيص والعلاج ومحاولة إيجاد حلول لها وتطبيق مبادئ طرق الخدمة الاجتماعية، وذلك تحت إشراف كل من المشرف الأكاديمي بالقسم والأخصائي الاجتماعي بالمؤسسة، يتم تقويم الطالب من قبل لجنة ثلاثية على أساس مدى استيعابه للتدريب وقدرته على حل المشكلات وعلى كافة التقارير الدقيقة،

اسم المساق	**مشروع التخرج في علم الاجتماع والخدمة الاجتماعية**		
رقم المساق	SSW474		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	0	6	3
المتطلب السابق	SSW469		
نوع المساق	متطلب تخصص إجباري		
مستوي المساق	المستوي الرابع/ الفصل الثاني		

توصيف مختصر للمساق

يتناول هذا المساق تطبيق الجوانب المعرفية التي اكتسبها الطلبة في مجال الاجتماع والخدمة الاجتماعية التي تمكن الطالب من إنجاز مشروع التخرج في علم الاجتماع او الخدمة الاجتماعية، بحيث يستخدم فيه معارفه النظرية ومهاراته العملية ليقدم مشروعاً تطبيقياً من اختياره. كما يحاول تطبيق طرق ومناهج البحث الاجتماعي واساليب التحليل الكمي للبيانات الكمية باستخدام برنامج الحزمة الإحصائية للعلوم الاجتماعية SPSS.أوبرنامج NVIVo

توصيفات مساقات القسم الاختيارية

اسم المساق	علم الاجتماع العائلي		
رقم المساق	**SSW175**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	**لا يوجد**		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق موضوعات وأهداف ومجالات علم الاجتماع العائلي، كما يتناول الأسرة وأنماطها، والزواج والعلاقات القرابية، إضافة إلى ذلك يتناول المساق المداخل النظرية لدراسة الأسرة والعولمة وتأثيراتها على السرة المعاصرة والمشكلات الأسرية، وايضاً يتناول المساق نظام العائلة في مجتمع الخليج والأسرة في المجتمع الإماراتي.

اسم المساق	**علم اجتماع التنظيم**		
رقم المساق	**SSW176**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق التعريف بمفهوم التنظيم الاجتماعي، ونشأة علم اجتماع التنظيم وأنواعه ومجالاته، كما يتناول المساق ودراسة الاتجاهات الكلاسيكية والحديثة في دراسة التنظيم الاجتماعي، وأيضاً يتناول المساق دراسة الظواهر والعمليات الاجتماعية داخل التنظيم كالسلوك والاتصال التنظيمي وعلاقات القوة. كما يدرس المساق بعض نماذج واقعية للتنظيمات الاجتماعية بدولة الامارات العربية المتحدة.

اسم المساق	**علم الاجتماع الحضري والريفي**		
رقم المساق	**SSW177**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		
مستوى المساق			

توصيف مختصر للمساق.

يحاول هذا المساق إعطاء فكرة عامة عن علم الاجتماع بصفة عامة، وعلم الاجتماع الحضري والريفي بصفة خاصة من حيث ظروف النشأة والتطور. كما يحاول تسليط الضوء على ظاهرة التحضر والفروق الريفية الحضرية والاتجاه والمنهج في علم الاجتماع الحضري وعلم الاجتماع الريفي، المدنية كظاهرة حضرية ومقاييس التميز بين الحضر والريف في المجتمعات الخليجية والعربية.

اسم المساق	**علم اجتماع التنمية**		
رقم المساق	**SSW178**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		
مستوى المساق			

توصيف مختصر للمساق

يتناول هذا المساق مفاهيم التنمية الاجتماعية، ومبادئها ومقوماتها، وأهم مجالاتها، كما يتناول التنمية الاجتماعية في الفكر السوسيولوجي، والتوجه الأيديولوجي في علم اجتماع التنمية، والتنمية الاجتماعية وعلاقتها بالتنمية الاقتصادية، والنمو الاقتصادي، والتخطيط الاجتماعي والتنمية والتحديث، واستراتيجيات العمل الإنمائي وتكتيكاته ونماذجه، وكذا نماذج من الدراسات والبحوث الإمبيريقية والاتجاهات التطبيقية في مجال التنمية الاجتماعي.

اسم المساق	**علم الاجتماع التربوي**		
رقم المساق	**SSW179**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		
الفصل الدراسي			

توصيف مختصر للمساق:

يتناول المساق التعريف بعلم الاجتماع التربوي ونشأته وتطوره مع التركيز على النظم التعليمية بهدف توجيهها نحو الغايات العلمية والتطبيقية وتحقيق أهداف المجتمع ومطالبه، وأيضاً يتناول العلاقة بين علم الاجتماع والتربية، من حيث دور الأسرة، والمؤسسات الاجتماعية المختلفة في التنشئة الاجتماعية، وغرس القيم والمفاهيم الاجتماعية عن طريق العملية التربوية. ويتناول المساق الارتباط ا بين التربية والمجتمع فيما يتعلق بتشكيل الثقافة التربوية للأفراد والجماعات. كما يدرس المساق كيفية تأثير النظم التربوية المختلفة على النظام الاجتماعي، أو بمعنى آخر دراسة النظام التربوي والتعليمي من منظور اجتماعي.

اسم المساق	**علم الاجتماع وإدارة الأزمات**		
رقم المساق	**SSW180**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم إختيارى		

توصيف مختصر للمساق:

يتناول المساق ماهية الأزمة والمفاهيم المرتبطة بها ،كما يوضح الأزمات من حيث أنواعها وأسبابها وأليات التعامل معها، إضافة إلى التعرف على طبيعة العلاقة بين الأزمة والمجتمع ،مع تحديد مفهوم إدارة الأزمات ،والأبعاد الاجتماعية والثقافية لإدارتها، ومن ثم العلاقة بين علم الاجتماع وعلم إدارة الأزمات، ،واستعراض عدد من النماذج الدولية في إدارة الأزمات ،مع تحديد المؤسسات المجتمعية القائمة على تنمية وعى المواطنين إزاء الأزمات ومواجهتها ، والصعوبات التي تحول دون الوعى الاجتماعي الثقافي بالأزمات وإدارتها.

اسم المساق	**علم الاجتماع التطبيقي**		
رقم المساق	**SSW181**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق التعريف بعلم الاجتماع التطبيقي ومجالاته، وفهم القوى والبناء الاجتماعي الذي يشكل المجتمع مع التدريب العملي في طرق البحث والإحصاءات، وبحوث التقييم وتوظيف النظريات السوسيولوجية لدراسة القضايا والمشكلات الاجتماعية المعاصرة، ويتناول المساق أيضاً نماذج من البحوث التطبيقية في علم الاجتماع، حتى تَكون لدارسي علم الاجتماع المهارات المهنية التطبيقية تمكنهم من الالتحاق بسوق العمل.

اسم المساق	**علم اجتماع المرأة**		
رقم المساق	**SSW182**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق الإسهامات المعرفية والنظرية لعلم الاجتماع في مجال دراسات المرأة. ويتناول أيضاً نشأة هذا الفرع من فروع علم الاجتماع ومفاهيمه. بالإضافة لأمثلة من الدراسات الاجتماعية (و الأنثروبولوجية) حول المرأة و الأمومة و الأسرة، والأدوار الاجتماعية للمرأة و العمل في الحياة العامة، و يطرح موضوع المرأة في الإعلام و موضوع المرأة في العولمة و ما بعد الحداثة. ويرتكز المساق في العديد من موضوعاته على أمثلة من الدراسات حول المرأة في الإمارات، كما يهتم المساق بإجراء المقارنات لوضع المرأة في مختلف المجتمعات.

اسم المساق	**قضايا اجتماعية معاصرة**		
رقم المساق	**SSW183**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق الظواهر الاجتماعية الجديدة في المجتمع العربي والعالمي وعلاقة هده الظواهر بالعولمة، وتحديداً العولمة الاجتماعية، كما يتناول الاتجاهات الحديثة في التنمية الاجتماعية والتحديث، ومستقبل المجتمع المدني في الوطن العربي، وبروز النظام الاجتماعي الجديد، والقضايا المتعلقة باللجوء والهجرة الخارجية والهجرة الداخلية، وقضايا الإعلام والمجتمع في المجتمع المعاصر، كما يتناول المساق القضايا المرتبطة بالضبط الاجتماعي في المجتمعات الحديثة.

اسم المساق	علم الاجتماع الجنائي		
رقم المساق	SSW184		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق

يتناول هذا المساق التعريف بعلم الاجتماع الجنائي ونشأته وتطوره ومفاهيمه وعلاقته بالعلوم الأخرى. كما يناقش النظريات المفسرة للجريمة والسلوك الإجرامي ويلقى الضوء على علاقة الجريمة بالمجتمع. ويتناول الجرائم المستحدثة كجرائم الإنترنت وجرائم الإرهاب. كما يحلل احصائيات الجريمة في العالم العربي.

اسم المساق	موضوع خاص في علم الاجتماع		
رقم المساق	SSW185		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق القضايا المهمة والمستحدثة في مجال علم الاجتماع، ويتم تحديد المحاور الدراسية في المساق بحسب طبيعة الموضوعات التي يتم اقتراحها من مدرس المساق والطلاب .

توصيفات مساقات مجموعة الخدمة الاجتماعية الاختياري

اسم المساق	الخدمة الاجتماعية في مجال رعاية الشباب		
رقم المساق	SSW186		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق مقدمة عن مهنة الخدمة الاجتماعية في مجال الشباب ومفهوم رعاية الشباب وخصائص رعاية الشباب وأهمية رعاية الشباب وأهداف رعاية الشباب ومبادئ رعاية الشباب والمنطلقات النظرية في مجال رعاية الشباب، والأدوار المهنية للخدمة الاجتماعية في مجال رعاية الشباب والمهارات المهنية في مجال رعاية الشباب، والعمليات المهنية في مجال رعاية الشباب واحتياجات ومشكلات الشباب.

اسم المساق	الخدمة الاجتماعية والمجتمع المحلي		
رقم المساق	SSW187		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق مفهوم الخدمة الاجتماعية وتعريف المجتمع والمجتمع المحلي، كما يتناول المنظمات الاجتماعية ودورها في تنمية المجتمع المحلي وذلك بالتركيز على المنظمات الأهلية. ويتناول المساق طريقة تنظيم المجتمع ودورها في تنمية المجتمعات المحلية، والقيادة ودورها وأهميتها في تنمية المجتمع المحلي. وأيضا يتناول المساق التجارب الميدانية لتنمية المجتمع المحلي باستخدام المداخل المهنية في الخدمة الاجتماعية.

اسم المساق	**رعاية ذوي الاحتياجات الخاصة**		
رقم المساق	**SSW188**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق

يتناول المساق مفهوم ذوي الاحتياجات الخاصة بشقيه السلبي والايجابي والرعاية التي تقدم إليهم وتطورها عبر العصور. كما يناقش أنواع الإعاقة وفئات المعاقين، أسباب الاعاقة وأوجه علاجها واستيعابها اجتماعياً. كما يتناول المبادئ العامة والوسائل العملية لتأهيل ورعاية المعاق متعرضاً للأسس النظرية في ممارسة الخدمة الاجتماعية للمعاقين والمشكلات الاجتماعية والاقتصادية والتشريعية التي تواجه المعاقين. إضافة الى إبراز تجربة رعاية المعاقين في دولة الامارات العربية المتحدة

اسم المساق	**الخدمة الاجتماعية ورعاية الأحداث**		
رقم المساق	**SSW189**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق مفهوم الحدث وانحراف الأحداث من وجهة نظر علماء الاجتماع، ومعرفة السلوك الاجتماعي السوي والمنحرف، ومعرفة المدارس الاجتماعية التي تفسر السلوك الإنحرافي كالمدرسة العضوية والنفسية والاقتصادية والاجتماعية والجغرافية. دراسة العوامل الاجتماعية التي تؤثر في إنحراف الاحداث وتصنيف وأنواع الأحداث. دور الرعاية الاجتماعية في رعاية الأحداث ودور الاخصائي الاجتماعي الوقائي والعلاجي في المؤسسات الاجتماعية من خلال المداخل العلمية المعاصرة لممارسة الخدمة الاجتماعية. دراسة انحراف الأحداث ووسائل رعايتهم مع التطبيق على المجتمع في دولة الامارات المتحدة.

اسم المساق	**التشريعات الاجتماعية**		
رقم المساق	**SSW190**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب اختياري		

توصيف مختصر للمساق

يتناول المساق مفهوم القانون وهدفه العام وضرورته للمجتمع ثم يتناول تطور التشريعات الاجتماعية وأهدافها ووسائل تحقيقها واللوائح والنظم والشرائع الدينية، وكيفية تطويرها للمجتمعات عبر الحقب المختلفة ودورها في المجتمع المعاصر. كما يتناول المساق العلاقة بين التشريعات الاجتماعية والخدمة الاجتماعية، وينظر في الأسس الثقافية والاجتماعية والدينية التي تعتمد عليها التشريعات الاجتماعية. كما يشرح نماذج من التشريعات الاجتماعية في عدة مجالات وكيف أنها تسهم في توفير الرعاية والحماية الاجتماعية. كما يتناول تشريعات وقوانين الرعاية الاجتماعية في دولة الامارات العربية المتحدة.

اسم المساق	**الخدمة الاجتماعية والدفاع الاجتماعي**		
رقم المساق	**SSW191**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:

يركز هذا المساق على إدراك الطلبة لمفهوم الدفاع الاجتماعي وشموله من خلال مجالاته المختلفة، وفلسفته والأسس التي يستند اليها، والدور المهني للخدمة الاجتماعية وارتباط الدفاع الاجتماعي ومجالاته المتنوعة كالأحداث ورعاية المسجونين وأسرهم بإشباع الحاجات ومواجهة المشكلات الاجتماعية المرتبطة بها، وأساليب تدعيم فعالية هذا المجال.

اسم المساق	**الخدمة الاجتماعية في المجال الطبي**		
رقم المساق	**SSW192**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق مفهوم الخدمة الاجتماعية الطبية، أهداف الخدمة الاجتماعية الطبية وأهمية الخدمة الاجتماعية الطبية، وفلسفة الخدمة الاجتماعية الطبية الممارسة المهنية للأخصائي الاجتماعي في المجال الطبي، والأدوار الوظيفية للخدمة الاجتماعية في المجال الطبي والأثار النفسية والاجتماعية للمرضى والخدمة الاجتماعية الطبية وعلاقتها بالمؤسسات الأخرى.

اسم المساق	**الأسرة والطفولة**		
رقم المساق	SSW193		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

تناول المساق المبادئ العلمية لرعاية الأطفال من الولادة وحتى سن الخامسة والتعريف بمرحلة الطفولة وماهيتها وأهم خصائصها الاجتماعية والنفسية و التنشئة الاجتماعية وأثرها في تكوين وتدعيم شخصية الطفل . والاحتياجات الخاصة بمرحلة الطفولة وأسباب مشكلات الطفولة، وتصنيف المشكلات، وأهمية إشباع الحاجات الخاصة بالطفل وأسس الممارسة المهنية للأخصائي الاجتماعي مع الطفولة، وتتضمن جوانب الحماية والعلاج والتنمية، كما يتناول جهود المجتمع الاماراتي لحماية الطفل، من خلال التعرف على نماذج من مؤسسات رعاية الطفولة في المجتمع الاماراتي.

اسم المساق	**رعاية المسنين**		
رقم المساق	**SSW194**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق تعريف وخصائص المسنين ،ومرحلة الشيخوخة والمشكلات الاجتماعية التي يتعرض لها المسن وكيفية مواجهتها ، والتعرف على العوامل والأسباب الاجتماعية والاقتصادية والبيئية المؤثرة في مشكلات المسن ،إضافة إلي تناول النظريات الاجتماعية والنفسية التي تفسر المشكلات والقضايا المتعلقة بالمسنين ،كما يتناول أهداف الرعاية الاجتماعية للمسن ودور الأخصائي الاجتماعي في تطبيق مبادئ الرعاية الاجتماعية، وأهدافها نحو المسنين، ومعرفة القوانين والمواثيق الدولية الداعمة لحقوق المسن مع توضيح دور دولة الإمارات في رعاية المسنين والتعرف على نماذج دولية مختلفة في رعاية المسنين .

اسم المساق	**الخدمة الاجتماعية المدرسية**		
رقم المساق	**SSW195**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق أحد مجالات الخدمة الاجتماعية وهي الخدمة الاجتماعية المدرسية التي تطبق في المدارس، يغطي المساق أهمية ونشأة وتطور وتعريف واهداف الخدمة الاجتماعية المدرسية، مع إلقاء الضوء على المبادئ العلمية للمدرسة الحديثة وفلسفتها وأهدافها وخصائصها. ويتناول المساق أيضاً مستويات الارشاد في الخدمة الاجتماعية والبرامج الوقائية في المجال المدرسي، والتعرف على احتياجات ومشكلات الطلاب. وعمليات وطرق التدخل المهني للخدمة الاجتماعية في المجال المدرسي (فردي، جماعي، تنظيم مجتمع). بالإضافة إلي المعوقات التي تواجه ممارسة الخدمة الاجتماعية في المؤسسات التعليمية.

اسم المساق	موضوع خاص الخدمة الاجتماعية		
رقم المساق	**SSW196**		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق القضايا المهمة والمستحدثة في مجال الخدمة الاجتماعية ، ويتم تحديد المحاور في المساق بحسب طبيعة الموضوعات التي يتم تناولها.

برنامج بكالوريوس الآداب في علم النفس

البرنامج التعليمي

رسالة البرنامج

1. توفير بيئة علمية مناسبة ولإطلاق الإبداع الفكري والعلمي في مجال علم النفس
2. تخريج كوادر مؤهلة ومدربة في مجال علم النفس

شروط القبول

1. شهادة الثانوية العامة الإماراتية المسار المتقدم بنسبة لا تقل عن (60%)، أو المسار العام بنسبة لاتقل عن (65٪) أو ما يعادلها مع شهادة معادلة من وزارة التربية والتعليم في دولة الإمارات العربية المتحدة.
2. اجتياز اختبار الإمارات القياسي في اللغة الإنجليزية بمعدل (950) أو ما يعادلها من شهادات الكفاءة في اللغة الإنجليزية على سبيل المثال TOEFL بدرجة لا تقل عن 450، أو IELTS بدرجة لا تقل عن 4.5.
3. اجتياز اختبار الإمارات القياسي في اللغة العربية بمعدل (1000).

مخرجات البرنامج

تمت مراجعة مخرجات البرنامج وصياغتها ليصبح عددها خمس عشر ولتكون قابلة للقياس بسهولة. و يوضح الجدول التالي مصفوفة الربط بين مخرجات البرنامج التعليمية وفقًا لإطار المؤهلات في دولة الإمارات العربية المتحدة (OFEmirates) والتي تم صياغتها وفقا لمتطلبات وزارة التربية والتعليم.

مخرجات البرنامج الحديثة						
م	وفقا لمخرجات البرنامج التعليمي الحديثة، وبعد إكمال الطالب للبرنامج الدراسي علم النفس يتوقع أن يكون قادرًا على أن:	Strand 1 المعرفة	Strand 2 المهارة	Strand 3 الاستقلالية والمسؤولية	Strand 4 الدور في السياق	Strand 5 التطور الذاتي
1	يبين المفاهيم والمبادئ المختلفة في مجالات علم النفس والعلوم ذات الصلة	√				
2	يربط بين المعارف التي يكتسبها عند تفسيره للظواهر النفسية في حالة السواء أو حالة الاضطراب	√				
3	يشرح عناصر واستراتيجيات التفكير المختلفة.	√				
4	يميز بين حالات الاضطراب والحالات المرضية المختلفة.	√				
5	يصف النظريات المختلفة في مجالات علم النفس	√				
6	يوظف المهارات التحليلية والعملية في إعداد وتصميم الاختبارات النفسية وبرامج التدخل الإرشادي والعلاجي.		√			
7	يطبق الاختبارات والبرامج النفسية المختلفة في مجالات القياس والإرشاد والعلاج.		√			
8	يستخدم المعرفة النظرية في تشخيص وعلاج بعض المشكلات الاجتماعية والنفسية.		√			
9	يطبق المعايير والضوابط الأخلاقية والمهنية في مجال العمل			√		
10	يحدد الجوانب القانونية التي تتفق ومبادئ حقوق الإنسان مجال علم النفس.			√		
11	يستخدم المعلومات المكتسبة في معالجة بعض المواقف والمشكلات الحياتية				√	
12	ينجز مشروعا أو بحثا، مستخدما الاختبارات والأساليب الإحصائية ومهارات كتابة البحوث.				√	

مخرجات البرنامج الحديثة						
13	يبتكر أدوات قياس وبرامج مختلفة تناسب المواقف التي تواجهه في عمله المهني					√
14	يفسر نشأة وتطور المشكلة عند الحالة التي يدرسها ومآل الاضطراب لديها.					√
15	يتحمل مسؤولية العمل في المؤسسات الاجتماعية والإرشادية والعلاجية					√

المساقات التعليمية :

الخطة الدراسية ومتطلبات التخرج وعرض الطريقة التي يلبي فيها البرنامج التوقعات الدولية ومعايير المؤسسات المهنية ذات العلاقة.

يوضح الجدول التالي هيكل الخطة الدراسية:

نوع المساق	عدد المساقات	عدد الساعات المعتمدة
مساقات الجامعة الإجبارية	5	15
مساقات الجامعة الاختيارية	3	9
متطلبات الجامعة الحرة	2	6
متطلبات القسم الإجبارية	23	72 *
متطلبات علم القسم الاختيارية	8	24
المجموع	**41**	**126**

*الساعات المعتمدة لجميع المساقات بواقع 3 ساعات معتمدة فيما عدا مساق التدريب 6 ساعات معتمدة.

2.1 الخطة الدراسية المقترحة لطلبة برنامج بكالوريوس علم النفس

أولا: متطلبات الجامعة

1. متطلبات الجامعة الإجبارية (5 مساقات، 15 ساعة معتمدة)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS111	Emirates Society (Arabic)	3
EMS112	Emirates Society (English)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3
IES112	Innovation, Entrepreneurship and Sustainability (English)	3

2. متطلبات الجامعة الاختيارية (3 مساقات، 9 ساعة معتمدة)

يجب على الطالب أن يختار مساقاً واحداً من كل مجموعة من المجموعات المذكورة أدناه

(i) Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
NUT111	Fundamentals of Human Nutrition	3
ORH211	Oral Health	3
AID111	First Aid	3
RES211	Research Methodology	3
ISH111	History of Science in Islam	3
STA111	Statistics (Arabic)	3
STA112	Statistics (English)	3

AST 211	Astronomy	3
PHY111	General Physics	3
BIO111	General Biology	3
CHM 111	General Chemistry	3
GEO111	General Geology	3
MTH111	Introduction to University Mathematics	3

(ii) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
INF212	Introduction to Information Systems	3
INT211	Internet Concepts	3
SOC211	Modern Technology and Society	3
INF 211	Information Society	2 Theory + 2 Practical
COM111	IT Fundamentals (Arabic)	2 Theory + 2 Practical
COM111	IT Fundamentals (English)	2 Theory + 2 Practical
EDT211	Educational Technology	3
ETH111	Academic and Technological Ethics	3
ART 211	Introduction to Digital Photography	3
GIS211	Applications of Remote Sensing and GIS	3
DEG111	Digital Marketing	3
CGR111	Introduction to Graphic Design	3
FIR111	The Fourth Industrial Revolution	3
ARI111	Artificial Intelligence	3

(iii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH211	Islamic Civilization	3
THI211	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
MGT200	Introduction to Management	3
ARC 211	Principles of Architecture	3
ART100	Introduction to Art (Arabic)	3
ART110	Introduction to Art (English)	3
ART 111	Introduction to Interior Design	3
ART 112	Introduction to Aesthetics	3
ARB 113	The Art of Written Expression	3
ENV111	Environmental Science	3
SOC 111	Introduction to Sociology	3
DER118	Introduction to Public Relations and Advertising	3
SOC112	Communication Between Cultures	3

3. متطلبات حرة (مساقين، 6 ساعات معتمدة)

يختار الطالب مساقين من الجامعة أو الكلية في غير تخصصه

م	رقم المساق	المساق	
		اسم المساق	Course name
1			
2			

ثانياً : متطلبات قسم علم النفس

1- المتطلبات الإجبارية

إنهاء (72) ساعة معتمدة إجبارية بمعدل (24) مساقاً تخصصياً وهي كما يلي :

متطلبات القسم الإجبارية 8 مساقات، 24 ساعة معتمدة)

م	رقم المساق	المساق		الساعات المعتمدة			المتطلب السابق
		اسم المساق	Course name	نظري	عملي	المجموع	
1	PSY101	مدخل الى علم النفس	Introduction to Psychology	3	0	3	
2	PSY102	علم نفس النمو: الطفولة والمراهقة	Dev. Psych.: Childhood and Adolescence	3	0	3	
3	PSY103	علم النفس الاجتماعي	Social Psychology	3	0	3	PSY101
4	PSY104	الإحصاء في البحوث النفسية (1)	Psychological Statistics (1)	3	0	3	PSY101
5	PSY105	نصوص نفسية باللغة الإنجليزية	Psychological Texts in English	3	0	3	PSY101
6	PSY206	علم نفس الشخصية	Psychology of Personality	3	0	3	PSY101
7	PSY207	علم النفس الفسيولوجي	Physiological Psychology	3	0	3	PSY101
8	PSY208	علم نفس التعلم	Psychology of Learning	3	0	3	PSY101
9	PSY209	القياس النفسي	Psychometrics	3	0	3	PSY101 PSY104
10	PSY310	علم النفس المرضي	Abnormal Psychology	3	0	3	PSY101
11	PSY311	الاختبارات والمقاييس النفسية	Psychological Tests & Measures	3	0	3	PSY101 PSY104
12	PSY312	علم النفس الصناعي التنظيمي	Industrial & Organizational Psychology	3	0	3	PSY101
13	PSY313	علم النفس التربوي	Educational Psychology	3	0	3	PSY101
14	PSY314	علم النفس التجريبي	Experiential Psychology	3	0	3	PSY101+ PSY208
15	PSY315	مناهج البحث في علم النفس	Research Methods in Psychology	3	0	3	PSY101 PSY104-PSY209
16	PSY316	علم النفس المعرفي	Cognitive Psychology	3	0	3	PSY101

17	PSY317	علم نفس الأسرة Family Psychology	3	0	3	PSY101
18	PSY418	التوجيه والإرشاد النفسي Guidance & Counseling Psychology	3	0	3	PSY101
19	PSY419	مهارات التفكير Thinking Skills	3	0	3	PSY101
20	PSY420	علم النفس الإكلينيكي Clinical Psychology	3	0	3	PSY101
21	PSY421	العلاج النفسى Psychotherapy	3	0	3	PSY101
22	PSY422	تدريب ميداني Practicum	6	0	3	بعد انجاز 99 ساعة معتمدة
23	PSY423	مشروع التخرج Graduation Project	1	4	3	بعد انجاز 105 ساعة معتمدة

2- متطلبات القسم الاختيارية

إنهاء (24) ساعة معتمدة اختيارية على أن يختار الطالب (4) مساقات من كل مجموعة من المجموعتين وهي كما يلي:

متطلبات القسم الاختيارية (8 مساقات 24 ساعة معتمدة)

م	رقم المساق	المساق		الساعات المعتمدة			المتطلب السابق
		اسم المساق	Course name	نظري	عملي	المجموع	
1	PSY124	صعوبات التعلم Learning Difficulties		3	0	3	PSY101
2	PSY125	سيكولوجية الموهبة والتفوق Psychology of Talent & Excellence		3	0	3	PSY101
3	PSY126	استخدام الحاسوب في البحوث النفسية Computer in Psych. Research		3	0	3	PSY101 PSY104
4	PSY127	علم النفس البيئي Environmental Psychology		3	0	3	PSY101
5	PSY128	علم النفس السياسي Political Psychology		3	0	3	PSY101
6	PSY129	قانون الأسرة لدولة الإمارات العربية المتحدة Family's Law in UAE		3	0	3	PSY101
7	PSY130	علم نفس ذوي الاحتياجات الخاصة Psychology of Special Needs		3	0	3	PSY101
8	PSY131	علم النفس العصبي Neurological Psychology		3	0	3	PSY101
9	PSY132	علم نفس الإدمان Psychology of Addiction		3	0	3	PSY101
10	PSY133	علم النفس الصحي Health Psychology		3	0	3	PSY101
11	PSY134	تعديل السلوك Behavior Modification		3	0	3	PSY101
12	PSY135	علم النفس الإيجابي Positive Psychology		3	0	3	PSY101
13	PSY136	علم النفس الجنائي		3	0	3	PSY101

م	رقم	المساق	الساعات المعتمدة			المتطلب
		Criminal Psychology				
14	PSY137	علم نفس المسنين وإرشادهم Psychology & Counseling of Aging	3	0	3	PSY101 PSY102
15	PSY138	علم نفس الفروق الفردية Differential Psychology	3	0	3	PSY101
16	PSY139	نصوص نفسية باللغة الإنجليزية Psychological Texts in English	3	0	3	PSY105
17	PSY240	الإحصاء في البحوث النفسية (2) Statistics in Psychological Research (2)	3	0	3	PSY101 PSY104
18	PSY141	موضوعات خاصة في علم النفس Special Topics in Psychology	3	0	3	

4.1 الخطة الدراسية المقترحة لطلبة برنامج بكالوريوس علم النفس

السنة الأولى الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	ISL114	الثقافة الإسلامية	3		3	-
2	EMS111	مجتمع الإمارات	3		3	-
3	ARB111	مهارات الاتصال باللغة العربية	3		3	-
4	PSY101	مدخل إلى علم النفس	3		3	-
5	PSY102	علم نفس النمو: الطفولة والمراهقة	3		3	-

السنة الأولى الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	PSY104	علم النفس الاجتماعي				PSY101
2	PSY103	الإحصاء في البحوث النفسية (1)	2	2	3	PSY101
3	ENG111	مهارات الاتصال باللغة الإنجليزية	3		3	
4		اختياري جامعة (1)	3		3	
5		اختياري تخصص (1)	3		3	

السنة الثانية الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	PSY206	علم نفس الشخصية	3		3	PSY101
2	PSY207	علم النفس الفسيولوجي	3		3	PSY101
3	PSY208	علم نفس التعلم	2	2	3	PSY101
4	PSY105	نصوص نفسية باللغة الإنجليزية	3		3	PSY101
5		اختياري جامعة (2)	3		3	
6		اختياري تخصص (2)	3		3	

السنة الثانية الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	PSY209	القياس النفسي	3		3	PSY104-PSY101
2	PSY310	علم النفس المرضي	3		3	PSY101
3	PSY313	علم النفس التربوي	3		3	PSY101
4		اختياري جامعة (3)	3		3	
5		اختياري تخصص (3)	3		3	

السنة الثالثة الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	PSY311	الاختبارات والمقاييس النفسية		6	3	PSY104-PSY101
2	PSY312	علم النفس الصناعي والتنظيمي	3	-	3	PSY101
3	PSY314	علم النفس التجريبي	3	-	3	PSY208-PSY101
4		مساق حر (1)			3	
5		اختياري تخصص (4)			3	

السنة الثالثة الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	PSY315	مناهج البحث في علم النفس	3		3	PSY209 PSY101
2	PSY316	علم النفس المعرفي			3	PSY101
3	PSY317	علم نفس الأسرة	3		3	PSY101
4		اختياري تخصص (5)	3		3	
5	IES111	الابتكار وريادة الأعمال	3		3	إنجاز 60 ساعة
6	PSY319	مهارات التفكير	3		3	PSY101

السنة الرابعة الفصل الخريفي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	PSY418	التوجيه والإرشاد النفسي	3		3	PSY101
2	PSY420	علم النفس الإكلينيكي	3		3	PSY101
3		اختياري تخصص (6)	3		3	
4		اختياري تخصص (7)	3		3	
5		اختياري تخصص (7)	3		3	
6		مساق حر (2)	3		3	

السنة الرابعة الفصل الربيعي

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	PSY421	العلاج النفسي	3		3	PSY101
2	PSY422	التدريب الميداني	-	12	6	PSY101 + إنجاز 99 ساعة
3	PSY423	مشروع التخرج	3	3	3	PSY101 + إنجاز 105 ساعة
4		اختياري تخصص (8)	1	4 ساعات للمشروع	3	

توصيف مساقات برنامج علم النفس

توصيف مساقات القسم الإجبارية :

مدخل إلى علم النفس

اسم المساق	مدخل إلى علم النفس		
رقم المساق	PSY101		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم إجباري		

1. توصيف مختصر للمساق:

يتناول هدا المساق توضيح مفهوم علم النفس كعلم والتعرف على مجالاته المختلفة، كما يتناول المساق المبادئ والقوانين التي تحكم الظواهر السلوكية المختلفة، ويعرض المساق لمناهج البحث الأساسية المستخدمة في علم النفس. ثم يوضح العلاقة بين علم النفس والعلوم الأخرى. كما يتناول المساق فكرة عامة عن بعض نظريات علم النفس المفسرة للسلوك الإنساني، فضلا عن بعض المفاهيم المهمة في علم النفس مثل السلوك الإنساني، والدوافع والانفعالات، والاحساس والإدراك، والذاكرة والذكاء والاضطراب النفسي، كما يتضمن المساق مجموعة من النماذج التطبيقية لتفسير السلوك الإنساني في ضوء هذه المفاهيم .

علم نفس النمو : الطفولة والمراهقة

اسم المساق	" علم نفس النمو : الطفولة والمراهقة"		
رقم المساق	Psy102		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق			
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:

يتناول المساق مفهوم النمو وأهميته وأهدافه وأهم قوانينه ومبادئ النمو والنظريات المفسرة له ودلالتها. كما يقدم إطلالة على مناهج البحث فيه. إضافة لذلك، يتناول المساق مظاهر وخصائص النمو المختلفة (الجسمي والفسيولوجي والعقلي والانفعالي والحركي واللغوي والاجتماعي والديني) في المراحل العمرية المختلفة من الطفولة إلى المراهقة. كما يناقش المساق بعض المشكلات السلوكية المصاحبة للتغيرات التي تطرأ على مظاهر النمو لدى الفرد في كافة المراحل العمرية وكيفية التعامل معها .

علم النفس الاجتماعى

اسم المساق	علم النفس الاجتماعى		
رقم المساق	Psy103		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	إجباري		

توصيف مختصر للمساق:

يتناول المساق علاقة علم الاجتماع بعلم النفس، كما يوضح تاريخ نشأة وتطور علم النفس الاجتماعي. ويعرض المساق لمناهج البحث المستخدمة في هذا المجال، كما يوضح العلاقة بينه وبين العلوم الأخرى. ويعرض المساق لمجموعة متنوعة من مواضيع علم النفس الاجتماعي، مثل: العدوان، سلوك المعاضدة الاجتماعية، التنشئة الاجتماعية، الاتجاهات وكيفية تغييرها إضافة إلى عرض مفهوم القيادة من المنظور النفسي، كما يتضمن المساق مجموعة من الأنشطة التطبيقية العملية لتفسير السلوكيات المختلفة ضمن إطار المفاهيم والنظريات التي تضمنها المساق

الإحصاء في البحوث النفسية (أ)

اسم المساق	الإحصاء في البحوث النفسية (1)		
رقم المساق	Psy104		
عدد الساعات	نظري: 2	عملي: 2	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم إجباري		
المتطلب السابق	المدخل إلى علم النفس psy101		

توصيف مختصر للمساق:

يهدف هذا المساق إلى تعريف الطلبة بمبادئ الإحصاء الوصفي التي تساعد الطالب في تفسير الظاهرة المدروسة في علم النفس. ويتم فيه يتناول موضوعات عرض البيانات وتوزيعها ومقاييس النزعة المركزية، مقاييس التشتت، والتوزيع الاعتدالي والاحتمالات والارتباط والانحدار واختبار الفرضيات ومعرفة المتغيرات. وأخيراً، يهدف المساق إلى تدريب الطلبة على استخدام برامج الحاسوب في الإحصاء مثل SPSS كجزء أساسي للإلمام بالمفاهيم والأساليب الإحصائية التي يضمها المساق وبما يخدم تحليل البيانات الناتجة عن تطبيق الاختبارات النفسية المختلفة.

English Texts in psychology

Course Name	English Texts in Psychology نصوص نفسية باللغة الإنجليزية		
Course Number	Psy105		
Hours	Theory 3Hours	Practical: 0	Total of Credit Hours:3
Course Type	Compulsory Department Requirement		
Prerequisite	psy101		

Course Outline:

This course introduces students to the meanings of English psychological terms and the corresponding meanings in Arabic. This course also enables students to read a full text in English about certain psychological topics with a clear and accurate pronunciation. It also teaches students to use each psychological term in a useful and meaningful sentence. Finally, it enables students to participate in a group to present any selected topic in English and explain it in the classroom.

علم نفس الشخصية

اسم المساق	علم نفس الشخصية		
رقم المساق	Psy206		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:
يتناول هذا المساق مفاهيم أساسية في نظريات الشخصية منها مكونات الشخصية وكيفية التعرف على أنماط الشخصية وكيف يمكن أن تقاس، وما هي العوامل المؤثرة فيها. كما يتناول استعراض لتعاريف الشخصية، مكونات الشخصية، آليات عمل الشخصية، إضافة إلى عرض بعض نظريات الشخصية المهمة وكيفية الاستفادة منها في تفسير السلوكيات المختلفة للافراد ضمن إطار نمط الشخصية الخاص بهم كما يوضح المساق الشخصية في اتزانها واختلالها. فضلا عن عرض لبعض الميكانيزمات الدفاعية والانحرافات الشخصية.

علم النفس الفسيولوجى

اسم المساق	علم النفس الفسيولوجى		
رقم المساق	Psy207		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم إجباري		
المتطلب السابق	المدخل إلى علم النفس psy101		
موعد طرح المساق			

توصيف مختصر للمساق:
يتناول المساق وظائف أجهزة الجسم المختلفة وعلاقتها بالسلوك وهي الجهاز العصبي بشقيه المركزي والذاتي. ويتناول الغدد الصماء ودور كل منها في الحالة الانفعالية والنفسية للكائن الحي (الإنسان)، ويقدم شرحاً وافياً لأجهزة الجسم الحسية وهي الإبصار، السمع، والحاسة الجلدية العامة، الذوق، الشم. كما يتناول فسيولوجية التعلم والنوم والذاكرة وفسيولوجية بعض الاضطرابات النفسية، كما يتيح المساق الفرصة للطالب القيام بعمل زيارات ميدانية عملية .

علم نفس التعلم

اسم المساق	علم نفس التعلم		
رقم المساق	Psy208		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:
يتناول المساق علاقة علم النفس بالتربية ومفهوم علم نفس التعلم وأهدافه وأهميته. كما يتناول المساق شرح مفهوم عملية التعلم وخصائصه وشروط حدوثه. ويتضمن المساق جانبين للتعلم النظري والعملي حيث يقدم المساق مجموعة من التطبيقات العملية حول مفهوم التعلم وأثر النضج والممارسة في عملية التعلم وكيفية انتقال أثر التعلم والتدريب، كما يقدم المساق بعض النماذج التطبيقية للتعلم السلوكي. كذلك إجراء بعض التجارب على عملية التعلم في مختبر علم النفس.

القياس النفسى

اسم المساق	القياس النفسي		
رقم المساق	Psy209		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس، الإحصاء في البحوث النفسية (1)		
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:

يتناول المساق عرض لمفاهيم القياس ومسلمات القياس ومستوياته. كما يتناول المساق إلى تحليل وبناء أدوات، ويتم في هذا الإطار معايير الاختبارات النفسية وأهمها الثبات والصدق وإعداد المعايير للاختبار، إضافة إلى كيفية تفسير الدرجة. يعرض المساق بعد ذلك لأمثلة من الاختبارات والمقاييس النفسية سواء في قياس الذكاء أو القدرات العقلية من جهة أو استخبارات الشخصية من جهة أخرى. وفي النهاية، يتم تدريب الطلبة على تطوير نموذج لاختبار نفسي بتطبيق ما درسوه.

علم االنفس المرضي

اسم المساق	علم النفس المرضى		
رقم المساق	Psy310		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:

يتناول هذا المساق تعريف الطالب بفئات الانحراف والاضطرابات العصابية الذهانية. كما يتناول التصنيف العالمي الاخير للاضطرابات العصابية، ويعرض لكيفية تشخيص الأعراض. كما يعرض المساق لمجموعة من الأمراض النفسية العصابية والذهانية، من حيث الأسباب والأعراض لكل مرض وكيفية التعامل معه.

الاختبارات والمقاييس النفسية

اسم المساق	الاختبارات والمقاييس النفسية		
رقم المساق	Psy311		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	0	6	3
المتطلب السابق	مدخل إلى علم النفس ، الإحصاء في البحوث النفسية (1)		
نوع المساق	متطلب إجباري قسم		

توصيف مختصر للمساق:

يتعرف الطالب في هذا المساق على الاختبارات النفسية والعقلية، كما يوضح للطالب كيفية تطبيق بعض الاختبارات الشخصية والاختبارات العقلية، واختبارات الميول المهنية. كذلك يتناول المساق شرح النظريات المتعلقة وتحديد الدلالات الاكلنيكية للاختبار. ويعرض المساق لأهم الاختبارات المطبقة في الميدان العملي، وطرق وأساليب جمع المعلومات المتنوعة للوصول إلى النتائج الصحيحة. إضافة لذلك، يعرض المساق للتطبيقات المتعلقة بكل اختبار، ويتيح الفرصة للطلبة للتدريب عليها.

علم النفس الصناعي والتنظيمي

اسم المساق	علم النفس الصناعي والتنظيمي		
رقم المساق	Psy312		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يستهدف المساق تعريف الطالب بعلم النفس الصناعي والتنظيمي كما يستهدف توضيح التوجيه المهني، وخاصة في المدرسة. ويتناول المساق مجال علم النفس التنظيمي من خلال طرح قضايا من قبيل الرضا المهني والأنماط الإدارية والتنظيمية وقياس الروح المعنوية والبيروقراطية. ويتتضمن المساق قضايا التوافق المهني مثل: إدارة الصراع، دافعية العمل، سوء التوافق المهني، علم نفس العامل المتغيب. كما يتيح المساق الفرصة لمناقشة بعض قضايا الأمن الصناعي والتنظيمي مثل القابلية للحوادث، حوادث المرور واستهداف الحوادث في المجال الصناعي واستعراض نماذج وحالات من الواقع وكيفية التعامل معها

علم النفس التربوي

اسم المساق	علم النفس التربوي		
رقم المساق	Psy313		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:

يتناول المساق علاقة علم النفس بالتربية ومفهوم علم النفس التربوي وأهدافه وأهميته بالنسبة للعاملين في الحقل التربوي. كما يتناول المساق شرح مفهوم عملية التعلم وخصائصه وشروط حدوثه، إضافة إلي تقديم بعض النظريات ذات وجهات النظر المختلفة (السلوكية والمعرفية) التي تفسر عملية التعلم وكيفية الاستفادة منها في عملية التدريس. النظريات: نظرية معالجة المعلومات التي تشرح مفهوم الذاكرة بأنواعها الثلاثة (الحسية، قصيرة المدى، طويلة المدى) والعمليات المرتبطة بها مثل الانتباه والإدراك وتطبيقاتها التربوية في عملية التدريس. فضلا عن تقديم موضوعات أخرى مهمة في مجال علم النفس مثل الدافعية وعلاقتها بعملية التدريس،وكيفية الاستفادة منها في تحفيز الطلبة على عملية التعلم كما يعرض المساق للذكاء والنظريات المفسرة له، علاوة على مفهوم التفكير بأنواعه المختلفة (الناقد والابتكاري وحل المشكلات) وكيفية تنميته في مجال التدريس.

علم النفس التجريبي

اسم المساق	علم النفس التجريبي		
رقم المساق	Psy314		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم إجباري		
المتطلب السابق	المدخل إلى علم النفس ، وعلم نفس التعلم		

توصيف مختصر للمساق:

يتناول هذا المساق أساليب التجريب النفسى مع عرض لمحة تاريخية عن أسهامات الرواد الأوائل لعلم النفس التجريبي، إضافة إلى التعريف بأهمية المنهج التجريبي والعناصر الأساسية للتجربة النفسية، مع التأكيد على التصميمات التجريبية المختلفه، وضبط المتغيرات وقياسها، الخطأ التجريبي،

كما يؤكد على التدريب المخبري والميداني واستخدام الأجهزة المتعارف عليها في مختبرات علم النفس ، من خلال التمارين و التدريب على تجارب الإبصار، والسمع، والتناسق الحركي، والتعلم، والذاكرة، وزمن الرجع، انتقال أثر التدريب, وغيرها. علاوة على على استخدام البرامج الحاسوبية في تصميم التجارب النفسية وكتابة تقارير العلمية

مناهج البحث فى علم النفس

اسم المساق	مناهج البحث فى علم النفس
رقم المساق	Psy315

عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم إجباري		
المتطلب السابق	المدخل إلى علم النفس ،والإحصاء في البحوث النفسية (1) /والقياس النفسي		

توصيف مختصر للمساق:

يتناول أهداف البحث العلمي في علم النفس ومناهج البحث فيه. ويعالج المساق في هذا الإطار المنهج الوصفي والمنهج الارتباطي والمنهج التجريبي والمنهج شبه التجريبي. كما يتناول خطوات البحث العلمي في علم النفس، والأدوات المستخدمة، وكتابة التقرير العلمي. يقدم الطالب تقريرا بحثيا يطبق فيه ما درسه في مناهج البحث والقياس النفسي مع توضيحه للأساليب الإحصائية المناسبة لمعالجة البيانات وفقا للمنهج المستخدم

علم النفس المعرفي

اسم المساق	علم النفس المعرفي		
رقم المساق	Psy316		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم اختياري		
المتطلب السابق	مدخل إلى علم النفس psy101		

توصيف مختصر للمساق:

يقدم المساق فكرة عامة عن علم النفس المعرفي كمجال حديث في علم النفس حيث يتناول المساق مقدمة حول علم النفس المعرفي ثم شرح آلية عمل الدماغ والعمليات المرتبطة به مثل عمليات الانتباه والإدراك وكذلك الذاكرة، وشرح نموذج تجهيز المعلومات (تشفير – تخزين – استرجاع) وأساليب تحسين الذاكرة. كما يعرض المساق اللغة ومشكلاتها فضلا عن أن المساق يعرض طرق حل المشكلات ومفهوم الإبداع ومفهوم الذكاء الاصطناعي كذلك يتناول المساق مفهوم التفكير وأنواعه ومفهوم العمليات ماوراء المعرفية ، علاوة على أن المساق يتيح الفرصة لمجموعة من التطبيقات المعرفية في الحياة اليومية

علم نفس الاسرة

اسم المساق	علم نفس الأسرة		
رقم المساق	Psy317		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب اختياري		

توصيف مختصر للمساق:

يتناول المساق أهمية الأسرة ومقوماتها وأساليب الاتصال السائدة فيها، ودور الأسرة في تنشئة الطفل وتكوين شخصيته. كما يتناول الصحة النفسية للأسرة، وتزويد الوالدين بالمعلومات والمعارف عن أساليب تنشئة الأبناء وآثار كل أسلوب إيجاباً كان أو ضاراً؛ مما يؤدي إما إلى التوافق والصحة النفسية أو سوء التوافق والاضطرابات النفسية. كذلك يزود المساق بالمعلومات والإرشادات الخاصة بالرعاية الأسرية للأبناء بما يوفر لهم صحة نفسية سليمة أو ما يسمى بالتربية النفسية.كما يتيح المساق الفرصة للطالب للقيام بمجموعة من الزيارات الميدانية.

التوجيه والإرشاد النفسي

اسم المساق	التوجيه والإرشاد النفسي		
رقم المساق	Psy418		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة

	3	0	3
المتطلب السابق	مدخل إلى علم النفسpsy101		
نوع المساق	متطلب إجباري قسم		

توصيف مختصر للمساق:

يتناول هدا المساق توضيح الفرق بين عمليتي التوجيه والإرشاد، كما يوضح تاريخ نشأة تطور الإرشاد النفسي، إضافة إلى شرح أهداف الإرشاد وأهم المبادئ التي يقوم عليها، علاوة على تحديد وشرح أهم مهارات العمل الإرشادي، كما يتناول المساق أهم النظريات التي تستخدم في الإرشاد، وطرق وأساليب جمع المعلومات المتنوعة وكيفية عمل دراسة الحالة، إضافة إلى شرح كيفية إدارة الجلسات الإرشادية، كذلك يوضح مجموعة من الأساليب العلاجية المتنوعة كما يتيح المساق الفرصة للطلبة للتدريب على كيفية عمل دراسة الحالة ووضع الخطط والبرامج العلاجية المناسبة

مهارات التفكير :

اسم المساق	مهارات التفكير		
رقم المساق	Psy419		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة :3
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب اختياري		

توصيف مختصر للمساق:

يتناول المساق مفهوم التفكير وخصائصه واهميته، ثم الاتجاهات النظرية المختلفة التي تناولت تعليم التفكير، علاوة على ذلك يعرض المساق لأنواع التفكير المختلفة الإبداعي والناقد والتفكير عالي الرتبة والتفكير ما وراء المعرفي، فضلا عن العديد من المهارات والأنشطة التطبيقية لإتاحة الفرصة لممارسة هذه الأنواع من التفكير.

علم النفس الاكلينيكى

اسم المساق	علم النفس الاكلينيكى		
رقم المساق	Psy420		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم إجباري		

توصيف مختصر للمساق:

يتناول هذا المساق تعريف الطالب بعلم النفس الإكلينيكي، كما يتناول أسسه ومبادئه بصفه عامه ومبادئ وأدوات التشخيص الإكلينيكي، كذلك يعرض المساق كيفية استخدام المواد العلمية في التشخيص، كما يتناول المساق أيضا عرض مجموعة من الأمراض النفسية وكيفية التعامل معها، كما يتيح المساق للطالب الفرصة لتشخيص مجموعة من الأضطرابات النفسية ووضع خطط علاجية مناسبة .

العلاج النفسى

اسم المساق	العلاج النفسي		
رقم المساق	Psy421		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم إجباري		

المتطلب السابق	مدخل إلى علم النفس psy101

توصيف مختصر للمساق:

يتناول هذا المقرر المفاهيم ذات الصلة بالعلاج النفسي، وأسباب الاضطرابات النفسية وأعراضها كما يوضحها مساق علم النفس العيادي. ويغطي المساق موضوعات تشمل: نظريات العلاج، وعلم النفس العيادي، كما يتيح المساق المجال للتطبيق العملي من خلال مجموعة من الزيارات الميدانية لضمان تقديم تقنيات استشارة فعالة في مواقف متنوعة. ويركز المقرر على تنمية ممارسات فعالة في التدخل والعلاج في مواقف متنوعة لمتلقي خدمة متنوعين.

التدريب الميداني

اسم المساق	التدريب الميداني		
رقم المساق	Psy422		
عدد الساعات	نظري: 0	عملي: 12	مجموع الساعات المعتمدة: 6
نوع المساق	متطلب قسم إجباري		
المتطلب السابق	مدخل إلى علم النفس، علم النفس الاكلينيكي، العلاج النفسي، الاختبارات والمقاييس النفسية إنجاز 99 ساعة معتمدة		

توصيف مختصر للمساق:

يستهدف هذا المساق إتاحة الفرصة للطالب أن يطبق كل ما درسه من معارف ومهارات وخبرات تتعلق بتخصصه في الميدان، حتى يكون مؤهلاً للعمل الفعلي بعد التخرج. وفي هذا الإطار، يقوم الطالب باختيار حالة يقوم بدراستها. وتتنوع هذه الحالات من طالب في مدرسة لديه مشكلة سلوكية أو دراسية، إلى الحالات التي تعاني من اضطرابات نفسية وعقلية في المراكز الصحية مرورا بدور المسنين أو المعاقين أو الموهوبين. يقوم الطالب بإجراء المقابلات وتطبيق الأدوات على الحالة بمتابعة المرشد الأكاديمي، ثم يقدم في نهاية المطاف تقريرا تفصيلياً عما قام به. ويتضمن هذا التقرير المعلومات الأساسية عن الحالة وكيف ظهرت المشكلة أو الظاهرة (في حالة الموهبة)، وكيف تطورت، وصولا إلى وضعها الراهن والمآل في المستقبل.

مشروع التخرج

اسم المساق	مشروع التخرج		
رقم المساق	Psy423		
عدد الساعات	نظري: 1	عملي: 4	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم إجباري		
المتطلب السابق	إنجاز 105 ساعة معتدة		

توصيف مختصر للمساق:

يستهدف هذا المساق تدريب الطالب على كيفية إجراء البحوث في مجال علم النفس. وفي هذا الإطار يتم مساعدة الطالب على اختيار موضوع بحثي، ثم إرشاده إلى المراجع والمصادر التي يمكن أن تساعده في بلورة مشكلة البحث ووضع فرضياته. إضافة لذلك، متابعة الطالب وهو يختار أدوات البحث أو تطويرها، وتوجيهه في كيفية معالجة البيانات التي حصل عليها من عملية تطبيق الأدوات. كما يتم إرشاد الطالب عن كيفية كتابة التقرير البحثي. وفي الختام، يتم تقييم عمل الطالب.

توصيفات مساقات القسم الاختيارية:

صعوبات التعلم :

اسم المساق	صعوبات التعلم		
رقم المساق	Psy124		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق مفهوم صعوبات التعلم، ويوضح تاريخ نشأة وتطور مجال صعوبات التعلم، كذلك يعرض التصنيفات المختلفة لصعوبات التعلم الاكاديمية والنمائية مع توضيح الفرق بينهما ، كما يقدم المساق مجموعة من الخصائص يمكن من خلالها الكشف عن ذوي صعوبات التعلم. فضلا عن تقديم آليات الكشف المبكر عن صعوبات التعلم، كما يوفر المساق الفرصة للطالب للتدريب على كيفية استخدام الأساليب والأدوات التشخيصية فضلا عن كيفية وضع وتصميم الخطط العلاجية،

سيكولوجية الموهبة والتفوق

اسم المساق	سيكولوجية الموهبة والتفوق		
رقم المساق	Psy125		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يعرض المساق لنبذة تاريخية عن رعاية الموهوبين والمتفوقين، خاصة في العصر الحديث. كما يستعرض المساق للتعريفات والنماذج والنظريات في مجال الموهبة والتفوق، ويطرح في هذا الإطار نموذجا خاصا عن الأداء الإنساني الفائق. كذلك يتناول المساق سمات الموهوبين والمتفوقين وأساليب الكشف عنهم وقياسها، ويعرض أيضا لاحتياجاتهم ومشكلاتهم وكيفية تصميم برامج إثرائية. وأخيرا يتناول المساق كيفية توجيه وإرشاد هذه الفئة الواعدة من أبناء الأمة نفسياً وتعليمياً.

استخدام الحاسوب في البحوث النفسية

اسم المساق	استخدام الحاسوب في البحوث النفسية		
رقم المساق	Psy126		
عدد الساعات	نظري: 2	عملي: 2	مجموع الساعات المعتمدة: 3
المتطلب السابق	لا يوجد		
نوع المساق	مدخل إلى علم النفس ، الإحصاء في البحوث النفسية (1)		

توصيف مختصر للمساق:

يهدف هذا المساق إلى اكساب الطالب الخبرة والمهارة والمعرفة العملية في استخدام الحاسوب وتطبيقاته (معالجة النصوص والجداول الإلكترونية والعروض التوضيحية والشبكات وقواعد البيانات والنشر الإلكتروني) في إعداد البحوث النفسية وما تتطلب من خطوات ومراحل: البحث عن الدراسات السابقة، جمع البيانات، تحليل البيانات، ومرحلة عرض النتائج. استخدام الإنترنت وتوظيفها في البحوث النفسية. مع تطبيق لحساب الاختبارات الإحصائية المتقدمة

لتحليل البيانات في مجال البحوث النفسية، كل ذلك في سياق استخدام مجموعة متنوعة من تطبيقات وحزم برمجيات الحاسوب، مع التركيز على حزمة البرامج الإحصائية للعلوم الاجتماعية SPSS.

علم النفس البيئي

اسم المساق	علم النفس البيئي		
رقم المساق	Psy127		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	لا يوجد		
نوع المساق	مدخل إلى علم النفسpsy101		

توصيف مختصر للمساق:

يستهدف هذا المساق عرض المفاهيم الأساسية لعلم النفس البيئي، إضافة تناول المواضيع الأساسية لهذا المجال. ومحور هذا الفرع من فروع علم النفس هو العلاقات المختلفة بين البيئة الفيزيقية وسلوك الإنسان. ويستند في هذا الصدد على مسلمة تفيد بأن البيئة الفيزيقية سواء كانت طبيعية أو مشيدة تشكل سلوك الإنسان على نحوٍ عميق. وفهم عملية التشكيل هذه أمر هام لأنه يساعدنا على فهم أسباب سلوك الإنسان، كما تساعدنا على أن نطور بفعالية البيئة التي يتفاعل معها الإنسان.

علم النفس السياسي

اسم المساق	علم النفس السياسي		
رقم المساق	Psy128		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يقدم هذا المساق تعريفا بعلم النفس السياسي باعتباره نقطة التقاء بين علم النفس وعلم السياسة، ويتناول مواضيع لعل من أهمها: علم نفس السلطة، علم نفس الجماهير، علم نفس المعارضة، علم نفس التطرف، علم نفس العنف، علم نفس الحوار، كما يتيح المساق الفرصة لعرض ومناقشة نماذج تطبيقية لتفسير سلوكيات العنف والتطرف واثرها على المجتمع ووضع مقترحات للتعامل معها.

قانون الأسرة لدولة الإمارات العربية المتحدة

اسم المساق	قانون الأسرة لدولة الإمارات العربية المتحدة		
رقم المساق	Psy129		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم اختياري		
المتطلب السابق	مدخل إلى علم النفس psy101		

توصيف مختصر للمساق:

يتناول المساق أهم الأبواب الخاصة بالأحوال الشخصية، ودراستها دراسة مقارنة مستوفية لأهم آراء العلماء وأدلتهم فيما ذهبوا إليه وصححوه. من تلك الأبواب: الزواج وأحكامه، حقوق الزوجين، النكاح وأحكامه كالطلاق والخلع والعدة، أحكام الرضاعة والنسب والتبني والحضانة، أحكام التفريق للضرر وللعيب ولغيبة الزوج، أحكام الخلع والظهار والإيلاء واللعان، أحكام العدة. وما إلى ذلك من الأحكام الشرعية التي تخص الأسرة، كما يتيح المساق الفرصة لعمل بعض الزيارات الميدانية التي تتيح التعرف على بعض نماذج ومشكلات من الحياة العامة

علم نفس ذوي الاحتياجات الخاصة

اسم المساق	علم نفس ذوي الاحتياجات الخاصة		
رقم المساق	Psy130		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
نوع المساق	متطلب قسم اختياري		
المتطلب السابق	مدخل إلى علم النفس psy101		

توصيف مختصر للمساق:

يتناول هذا المساق تعريف الطالب بمجالات الإعاقة العقلية وخاصة من حيث التعريفات الطبية والنفسية والاجتماعية للإعاقة العقلية، كما يتناول مدى انتشار الاعاقة وأسبابها وطرق قياسها وتشخيصها، كما يعرض الخصائص الشخصية والأكاديمية والاجتماعية للمعوقين عقليا وجسديا، كما يتناول المساق أيضا برامج ومناهج المعوقين عقليا وجسديا وطرق تنظيمها والقضايا والمشكلات المرتبطة بظاهرة الاعاقة، وكيفية التعامل معها.

علم النفس العصبي

اسم المساق	علم النفس العصبي		
رقم المساق	Psy131		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق العلاقة بين وظائف الدماغ والسلوك الإنساني في مختلف حالاته سواء في السواء أو المرض. ويحاول المساق إلقاء الضوء على الأسس العصبية للسلوك في مجالات مثل: اللغة والذاكرة والوظائف الانفعالية والتفكير. كما يقدم المساق لأسس التقييم النيوروسيكولوجي، إضافة إلى الأطر النظرية التي تفسر الوظائف النفسية المختلفة. كما يتيح المساق الفرصة لعمل تطبيقات التقييم النيوروسيكولوجي على مستوى الوظائف المخية لمناطق الدماغ المختلفة وعلى مستوى الحالات الإكلينيكية بشكلٍ عام.

علم نفس الإدمان

اسم المساق	علم نفس الإدمان		
رقم المساق	Psy132		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل الى علم النفس		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يقدم هذا المساق إطلالة على مشكلة المخدرات من الأوجه الاجتماعية والنفسية والصحية. فبعد تحديد المفاهيم ذات الصلة بالموضوع، يقدم عرضا لتاريخ المواد النفسية. ويناقش أسباب التعاطي والإدمان، البيولوجية منها والنفسية. ويعرض المساق للتأثيرات المتفاوتة لمواد التعاطي وما يترتب عليها من اضطرابات نفسية واجتماعية. كما يتيح المساق الفرصة لبعض الزيارات الميدانية لبعض المؤسسات لرعاية وعلاج المدمنين بالدولة والتعرف على كيفية التعامل وعلاج مثل هذه االمشكلات التي لها تداعيات خطيرة على الأفراد وعلى المجتمع.

علم النفس الصحي

اسم المساق	علم النفس الصحي		
رقم المساق	Psy133		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول هذا المقرر مجالا حديثا نسبيا في علم النفس ويتصل أساسا بالعلاقة المتبادلة بين الصحة والجانب النفسي. وفي هذا الإطار يحاول الإجابة عن تساؤلات مثل: هل هناك أنماط معينة من الشخصية أكثر ميلا للإصابة بأمراض عضوية كضغط الدم أو السكري، ما العوامل النفسية والاجتماعية التي تجعل بعض الناس يتصرفون بطرق غير صحية ويتم ذلك من خلال زيارات ميدانية للمستشفيات و الوحدات العلاجية و تطبيق مقاييس الشخصية و حساب معاملات الارتباط بنتائجها و السجلات المرضية ، ما الذي يساعد الناس على التكيف مع المرض وخاصة المزمن، هل تؤثر طريقة تفاعل الطبيب مع المريض في تسهيل أو إعاقة الشفاء؟.

تعديل السلوك

اسم المساق	تعديل السلوك		
رقم المساق	Psy134		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول المساق إحدى الاستراتيجيات الأساسية في مجال العلاج النفسي، القائمة على تصور المدرسة السلوكية وهو "تعديل السلوك". فيبدأ بتعريف تعديل السلوك وأسسه وأهدافه، ثم الخطوات العامة في تعديل السلوك. كما يعرض مجموعة من التصاميم كخطط علاجية لتعديل السلوك مثل تعديل السلوك باستخدام التعزيز، أو باستخدام نموذج بناء السلوك، كذلك تعديل السلوك من خلال استخدام العقاب، كما يتيح المساق الفرصة للطالب لعمل بعض الزيارات الميدانية وعمل دراسة حالات من الواقع وتصميم خطة علاجية لتخفيض السلوك الخاطئ وتُختتم هذه الباقة من التصاميم العلاجية التي تستهدف تعديل السلوك بتقديم نموذج باندورا في تعديل السلوك الإنساني وهو "العلاج بالتعلم الاجتماعي".

علم النفس الإيجابي

اسم المساق	علم النفس الإيجابي		
رقم المساق	Psy135		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يهدف هذا المساق إلى تقديم خلاصة ما حققه علماء النفس في مجال جديد نسبيا وواعد وهو علم النفس الإيجابي، الذي يركز على نقاط القوة لدى البشر بعد أن كان تركيز علماء النفس منصب في الأساس على نقاط الضعف الإنساني. ومن هذا المنطلق يعالج المساق مواضيع السعادة وجودة الحياة والتفاؤل وكيفية اكتسابه. كما يتناول الانفعالات الإيجابية وحُسْنُ الحال well-being. ويتطرق المساق إلى الجانب التطبيقي في علم النفس الإيجابي، مثل كيفية تعلم

التفاؤل وعلاج حُسْنِ الحال well-being therapy. أخيرا، يتطرق المساق إلى علاقة الثقافة بعلم النفس وانعكاس ذلك إيجابا على الفرد وخاصة الشباب.

علم النفس الجنائي

اسم المساق	علم النفس الجنائي		
رقم المساق	Psy136		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
نوع المساق	متطلب اختياري		
المتطلب السابق	مدخل إلى علم النفس psy101		

توصيف مختصر للمساق:

يتناول هذا المساق علاقة علم النفس بعلم الجريمة، وكذلك دراسة الأطر النظرية والأسس التطبيقية للنظريات النفسية المعاصرة التي تهتم بتفسير دوافع السلوك الإجرامي والتي تتضمن (الاتجاه النفسي-الحيوي، الاتجاه السلوكي المعرفي، الاجتماعي)، كما يتناول متغيرات الشخصية وعلاقتها بالسلوك الاجرامي. علاوة على تقديم بعض أساليب تشخيص السلوك الاجرامي وطرق قياسه، كما يتضمن المساق تقديم بعض استراتيجيات وأساليب الوقاية من السلوك الاجرامي بوجه عام (لدى الأحداث والراشدين)، كما يتيح المساق للطالب القيام بعض الزيارات الميدانية والتعرف على بعض المشكلات السلوكية المنحرفة في المجتمع

علم نفس المسنين وارشادهم :

اسم المساق	علم نفس المسنين وارشادهم		
رقم المساق	Psy137		
عدد الساعات	نظري: 3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس psy101 علم نفس النمو : الطفولة والمراهقة psy102		
نوع المساق	متطلب قسم اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق مرحلة المسنين والشيخوخة، فيبدأ بتعريف هذه الفئة وأسباب الاهتمام بها، ومفهوم كبار السن في الثقافات المختلفة، والأساس الفلسفي لدراسة المسنين. ويتطرق إلى معاملة الإسلام لهذه المرحلة العمرية، والنظريات المختلفة التي تعرضت لمرحلة المسنين ومشكلاتهم. كما يعرض المساق لمظاهر الاضطراب لدى المسنين، واتجاه الناس نحوهم، ومفهوم الذات لديهم. كما يستعرض المساق بعض الاضطرابات النفسية التي يعانون منها وطرق الوقاية من خلال عرض لمجموعة من البرامج الإرشادية التي تساعد المسن على التكيف مع تلك المرحلة العمرية و التي تتسم بالتدهور في جميع الوظائف النمائية و الفسيولوجية و التي تنعكس سلبيا على الناحية النفسية للمسن ، كما تظهر بعض التغيرات المعرفية لدى المسن مثل الأصابة بالزهيمر .كما يركز المساق على تصميم برامج أرشادية للمسن تساعده على التكيف مع تلك المرحلة و تمكنه من الوصول إلى الصحة النفسية المنشودة. وكذلك تصميم برامج أرشادية للمتعاملين مع حتى يتجاوز المسن أزمه التقدم بالعمر.

علم نفس الفروق الفردية

اسم المساق	علم نفس الفروق الفردية		
رقم المساق	Psy138		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	مدخل إلى علم النفس psy101		
نوع المساق	متطلب اختياري		

توصيف مختصر للمساق:

يتناول هدا المساق توضيح الفروق الفردية وكيفية قياسها ، كما يوضح تطور البحث في الفروق الفردية ، لماذا تدرس الفروق الفردية ، تعريف الفروق الفردية إضافة إلى العوامل المؤثرة في مدى الفروق الفردية ، إضافة إلى شرح نظريات التنظيم العقلي المعرفي، وشرح وتحديد أهم الفروق الفردية في التنظيم العقلي (اختبارات الذكاء، قياسه ، القدرات الخاصة ، التحصيل الدراسي) ، كما يتناول المساق أهم الفروق الفردية في الشخصية وقياسها " مقابلات ، وملاحظات " ، وطرق وأساليب جمع المعلومات المتنوعة وكيفية توزيع التلاميذ في الفصول ، إضافة إلى شرح التطبيقات التربوية للفروق الفردية، كما يتيح المساق للطالب القيام ببعض الزيارات الميدانية وتطبيق بعض الاختبارات

English Texts in psychology

Course Name	English Texts in Psychology		
Course Number	Psy139		
Hours	Theory 3Hours	Practical: 0	Total of Credit Hours:3
Course Type	Compulsory Department Requirement		
Prerequisite	psy101		

Course Outline:

This course introduces students to the meanings of English psychological terms and the corresponding meanings in Arabic. This course also enables students to read a full text in English about certain psychological topics with a clear and accurate pronunciation. It also teaches students to use each psychological term in a useful and meaningful sentences. Finally, it enables students to participate in a group to present any selected topic in English and explain it in the classroom

الإحصاء في البحوث النفسية (2)

اسم المساق	الإحصاء في البحوث النفسية (2)		
رقم المساق	Psy240		
عدد الساعات	نظري: 2	عملي: 2	مجموع الساعات المعتمدة: 3
نوع المساق	متطلب قسم إجباري		
المتطلب السابق	المدخل إلى علم النفس والإحصاء في البحوث النفسية (1)		

توصيف مختصر للمساق:

يتم استكمال ما تم البدء فيه في مساق "الإحصاء في البحوث النفسية (1)"، فيدرس الطالب الأساليب الإحصائية المستخدمة في تحليل البيانات النفسية، وتشمل: اختبار مربع كاي ومعاملات ارتباط الفئات المنفصلة (فاي ومعامل التوافق) وتحليل التباين البسيط (لمتغير واحد) وبعض الطرق الإحصائية اللامعلمية (اللابارمترية)، ودلالة النتائج

المستخلصة من الأساليب الإحصائية المختلفة. مع العلم أنه يتم تدريب الطلبة على استخدام برامج الحاسوب في التحليل الإحصائي كجزء أساسي من آلية استيعاب الطلبة للمفاهيم والأساليب الإحصائية المتضمنة في هذا المساق.

موضوعات خاصة في علم النفس

اسم المساق	موضوعات خاصة في علم النفس		
رقم المساق	Psy141		
عدد الساعات	نظري:3	عملي: 0	مجموع الساعات المعتمدة: 3
المتطلب السابق	مدخل إلى علم النفس و أنجاز 90ساعة معتمدة		
نوع المساق			

توصيف مختصر للمساق:

يهدف المساق إلى دراسة أهم القضايا النفسية المثارة على الساحة حين طرح المساق. ليتم تناولها ومناقشتها وتحليلها وتحديد الدوافع التي أدت لظهورها واقتراح الحلول لها واختبار ها وكتابة تقرير عنها. ويمكن أن تكون من ضمن الموضوعات المثارة منها:

- قضية العدوان والسلوك المضاد للمجتمع ويتناول دراسة طبيعة المتغيرات النفسية والاجتماعية التي تؤدي إلى السلوك العدواني عند الفراد والمظاهر الناتجة عنه من سلوك مضاد للمجتمع. من خلال تناول مفهوم العدوان- مظاهره وأنماطه وأسبابه، النظريات التي تفسره، وأساليب ضبط السلوك، مع عرض برامج تعديل السلوك للأفراد والجماعات للحد من هذا السلوك وكتابة تقرير علمي حول هذه القضية.
- قضية ضبط سلوك المستهلك وتتناول النظريات النفسية والبحوث التي تناولت سلوك المستهلك وقياس وتحليل دوافعه واتجاهاته تجاه عملية الشراء، كما تتناول مراحل عملية اتخاذ قرار الشراء وعلاقتها بشخصية المستهلك. كما يستعرض أثر الإعلانات في تشكيل وتغيير سلوك واتجاهات المستهلك. وتأهل الطالب لتصميم برامج توعية و تعديل سلوك المستهلك و تدريبة على اتخاذ قرارات الشراء بطريقة سليمة. كما يقدم الطالب تقرير علمي عن هذه القضية.

بكالوريوس الآداب في الإعلام / العلاقات العامة و الإعلان

البرنامج التعليمي

تطرح كلية الإنسانيات و العلوم بجامعة العلوم والتقنية في الفجيرة برنامج الآداب في االعلاقات العامة والإعلان الذي حصل على الاعتماد المبدئي من مفوضية الاعتماد الأكاديمي بوزارة التربية والتعليم في دولة الإمارات العربية المتحدة في يوليو 2019م.

رسالة البرنامج :-

توفير تعليم وتأهيل أكاديمي إعلامي رصين باللغة العربية في برنامج العلاقات العامة والإعلان بما يتماشى مع أرفع المعايير الدولية بهدف إعداد أجيال من القائمين بالاتصال قادرين على مواكبة أحدث التطورات والمستجدات التكنولوجية في مجال الإعلام والاتصال بمستوى عال من الجودة والكفاءة والاحترافية.

أهداف البرنامج:

- تقديم أهم وأحدث المعارف النظرية في برنامج العلاقات العامة والإعلان من أجل تزويد الدارس بخلفية معرفية قوية وحديثة تمكنه من معرفة الجانب النظري وإتقان الممارسة العملية.
- تزويد الطلبة بالمهارات التطبيقية اللازمة لإنتاج مختلف المواد والبرامج الإعلامية في التخصص باستخدام أستوديو ومختبرات الكلية أو خلال فترة التدريب الميداني.
- الارتقاء بمستوى الأداء الإعلامي الملتزم بالتشريعات والأخلاقيات، وتعزيز دور الإعلام في تنمية وخدمة المجتمع.
- تنمية التفكير النقدي والإبداعي والقدرة على تقييم بيئة عمل وسائل الإعلام المحلية والإقليمية والدولية.
- تعزيز مهارات وأساليب البحث الإعلامي التي تمكن الخرجين من العمل بمراكز البحوث أو مواصلة الدراسات العليا.

شروط القبول:-

4. شهادة الثانوية العامة الإماراتية المسار المتقدم بنسبة لا تقل عن (60%)، أو المسار العام بنسبة لاتقل عن (65٪) - أو ما يعادلها مع شهادة معادلة من وزارة التربية والتعليم في دولة الإمارات العربية المتحدة.
5. اجتياز اختبار الإمارات القياسي في اللغة الإنجليزية بمعدل (950) أو ما يعادلها من شهادات الكفاءة في اللغة الإنجليزية على سبيل المثال TOEFL بدرجة لا تقل عن 450، أو IELTS بدرجة لا تقل عن 4.5.
6. اجتياز اختبار الإمارات القياسي في اللغة العربية بمعدل (1000) .

متطلبات التخرج:

لإتمام البرنامج بنجاح على الطالب:
انجاز كل المساقات المطلوبة للتخصص
الحصول على معدل تراكمي (2.0) أو أكثر.

فرص العمل:-

- مدراء العلاقات العامة والحملات الإعلامية في الدوائر الحكومية ومؤسسات القطاع الخاص
- استشاريون في مجال العلاقات العامة والإعلان في القطاع الحكومي والخاص
- مصممون للحملات الإعلامية والإعلان في القطاعين العام والخاص
- إنشاء أعمالهم الخاصة المستقلة في مجال العلاقات العامة والإعلان
- مذيعون ومقدمو برامج ومنتجون في المحطات والقنوات الإذاعية
- مذيعون ومقدمو برامج ومنتجون في المحطات والقنوات التلفزيونية
- صحفيون ومراسلون ومحررون في الصحف والمجلات
- مراسلون مستقلون للوسائل والمنظمات الإعلامية المحلية والإقليمية والعالمية
- الالتحاق بالدراسات العليا لنيل درجة الماجستير والدكتوراة في مجال التخصص

مخرجات البرنامج وفقًا لإطار المؤهلات في دولة الإمارات العربية المتحدة (Emirates QF)

بعد استكمال هذا البرنامج بنجاح يكون الخريج قادرًا على:

المعرفة:

مخرج البرنامج 1: يبين المفاهيم والمبادئ الأساسية في تخصص العلاقات العامة والإعلان.
مخرج البرنامج 2: يقارن المعارف العلمية بالخلفيات النظرية المشتركة.
مخرج البرنامج 3: يربط بين المعارف التي يكتسبها والاتجاهات الحديثة في إعداد مختلف المواد الإعلامية.
مخرج البرنامج 4: يتعرف إلى عناصر وتطبيقات واستراتيجيات التفكير الابتكاري.

المهارة:

مخرج البرنامج 5: يوظف المهارات التحليلية والعملية في إعداد وتصميم وإنتاج الرسالة الإعلامية.
مخرج البرنامج 6: يُقيِّم الأساليب المستخدمة في تناول القضايا الإعلامية.
مخرج البرنامج 7: يقارن بين المنظمات الإقليمية والدولية ويقيم أدوارها في النطاق الإقليمي والدولي.

أوجه الكفاءة والاستقلالية والمسؤولية:

مخرج البرنامج 8: يلتزم بالمعايير الأخلاقية والضوابط المهنية خلال ممارسته للعمل الإعلامي.
مخرج البرنامج 9: يحدد الجوانب القانونية والدستورية التي تنظم مبادئ حقوق الإنسان.

الدور في السياق:

مخرج البرنامج 10: يساهم بإيجابية في إنجاز المشروعات الإعلامية بصورة متقنة ضمن فرق العمل الإعلامية.
مخرج البرنامج 11: يتحمل المسؤولية في قيادة المجموعة واتخاذ قرارات مبتكرة؛ لإيجاد حلول في المواقف المهنية المختلفة.
مخرج البرنامج 12: يكتسب المعارف المرتبطة بالظواهر الجديدة وكيفية التعامل معها.

التطور الذاتي

مخرج البرنامج 13: يعدّ وينتج مادة إعلامية مختلفة بفاعلية ضمن الفريق الواحد.
مخرج البرنامج 14: يُقيِّم ذاته وممارساته الإعلامية، ويكتسب مهارات جديدة، ويعمل على تطويرها.
مخرج البرنامج 15: يُقيِّم الممارسات الإعلامية المستخدمة عبر وسائل الإعلام التقليدية والجديدة.

الخطة الدراسية لبرنامج بكالوريوس الآداب في العلاقات العامة والإعلان

مجموع المساقات والساعات المعتمدة(126 ساعة)

م	المساقات	الإجبارية	الاختيارية	الحرة	عدد المساقات	عدد الساعات
1	متطلبات الجامعة	5	3	-	8	24
2	المساقات الحرة	-	-	2	2	6
3	المتطلبات المساندة	15	-	-	15	45
4	متطلبات القسم	6	-	-	6	18
5	متطلبات التخصص الرئيسي	9	2	-	11	33
المجموع		**35**	**5**	**2**	**42**	**126**

أولا: متطلبات الجامعة الإجبارية (5 مساقات، 15 ساعة معتمدة)

Course Code	Course Name	Credit hours
ISL111	Islamic Culture (For Arabs)	3
ISL112	Islamic Culture (For Non-Arabs)	3
EMS111	Emirates Society (Arabic)	3
ENG111	English Communication Skills	3
ARB111	Communication Skills in Arabic Language (For Arabs)	3
ARB112	Communication Skills in Arabic Language (For Non-Arabs)	3
IES111	Innovation, Entrepreneurship and Sustainability (Arabic)	3

ثانيا: متطلبات الجامعة الاختيارية (3 مساقات، 9 ساعة معتمدة)
يجب على الطالب أن يختار مساقاً واحداً من كل مجموعة من المجموعات المذكورة أدناه

(i) Health and Sciences (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
NUT111	Fundamentals of Human Nutrition	3
ORH211	Oral Health	3
AID111	First Aid	3
RES211	Research Methodology	3
ISH111	History of Science in Islam	3
STA111	Statistics (Arabic)	3
STA112	Statistics (English)	3
AST 211	Astronomy	3
PHY111	General Physics	3
BIO111	General Biology	3
CHM 111	General Chemistry	3
GEO111	General Geology	3
MTH111	Introduction to University Mathematics	3

(ii) Information and Emerging Technologies (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
INF212	Introduction to Information Systems	3
INT211	Internet Concepts	3
SOC211	Modern Technology and Society	3
INF 211	Information Society	2 Theory + 2 Practical
COM111	IT Fundamentals (Arabic)	2 Theory + 2 Practical
COM111	IT Fundamentals (English)	2 Theory + 2 Practical
EDT211	Educational Technology	3
ETH111	Academic and Technological Ethics	3
ART 211	Introduction to Digital Photography	3
GIS211	Applications of Remote Sensing and GIS	3
DEG111	Digital Marketing	3
CGR111	Introduction to Graphic Design	3
FIR111	The Fourth Industrial Revolution	3
ARI111	Artificial Intelligence	3

(iii) Humanities and Society (3 Cr. Hrs.)

Course Code	Course Name	Credit hours
ISH211	Islamic Civilization	3
THI211	Critical Thinking	3
PSY101	Introduction to Psychology	3
LAW100	Introduction to Law	3
MGT200	Introduction to Management	3
ARC 211	Principles of Architecture	3
ART100	Introduction to Art (Arabic)	3
ART110	Introduction to Art (English)	3
ART 111	Introduction to Interior Design	3
ART 112	Introduction to Aesthetics	3
ARB 113	The Art of Written Expression	3
ENV111	Environmental Science	3
SOC 111	Introduction to Sociology	3
SOC112	Communication Between Cultures	3

ثالثا: متطلبات حرة (مساقين، 6 ساعات معتمدة)

يختار الطالب مساقين من الجامعة أو الكلية في غير تخصصه

م	رقم المساق	المساق	
1			
2			

رابعا:المتطلبات المساندة (15مساق ،45 ساعة معتمدة)

م	رقم المساق	المساق	الساعات المعتمدة		
			نظري	عملي	المجموع
1	DES101	مبادئ علم الاقتصاد Principles of Economics	3	0	3
2	DES102	الوسائط المتعددة Multimedia	2	2	3
3	DES103	مهارات التعلم باللغة الإنجليزية Study Skills in English	3	0	3
4	DES204	مجتمع الإمارات حديثا Current Emirati Society	3	0	3
5	DES205	التصوير الرقمى Digital Photography	2	2	3
6	DES206	اللغة الانجليزية للإعلام English Language for the Media	3	0	3
7	DES207	Information Society مجتمع المعلومات	3	0	3
8	DES308	الأدب العربي الحديث والمعاصر Modern & Contemporary Arabic Literature	3	0	3
9	DES309	تصميم مواقع شبكة الانترنت Web Design	2	2	3
10	DES310	حقوق الإنسان فى العصر الحديث Human Rights in the Modern Time	3	0	3
11	DES311	الرأي العام Public Opinion	3	0	3
12	DES312	المنظمات الإقليمية والدولية Regional & International Organizations	3	0	3
13	DES413	التفكير الناقد والابتكاري Critical & Creative Thinking	3	0	3
14	DES414	مناهج وطرق البحث Research Methods & Techniques	3	0	3
15	DES415	علم النفس الاجتماعي Social Psychology	3	0	3

خامساً: متطلبات القسم(6 مساقات 18 ساعة معتمدة)

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
			نظري	عملي	المجموع	
1	DER116	مدخل إلى الصحافة المطبوعة والإلكترونية Introduction to Electronic & Printed Journalism	3	0	3	-
2	DER117	مدخل إلى الإذاعة والتليفزيون Introduction to Radio & TV	3	0	3	-
3	DER118	مدخل إلى العلاقات العامة والإعلان Introduction to Public Relations & Advertising	3	0	3	-
4	DER119	مدخل إلى التصميم الجرافيكي Introduction to Graphic Design	1	4	3	-
5	DER321	نظريات الاتصال Communication Theories	3	0	3	-
6	DER420	أخلاقيات الإعلام وتشريعاته Media Laws & Ethics	3	0	3	-

سادساً: تخصص العلاقات العامة والإعلان

أ - متطلبات التخصص الإجبارية (9 مساقات،27 ساعة معتمدة)

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
			نظري	عملي	المجموع	
1	PRA155	إدارة العلاقات العامة والإعلان Management of Public Relations and Advertising	3	0	3	DER118
2	PRA256	استراتيجيات الإعلان Advertising Strategies	3	0	3	DER118
3	PRA257	البروتوكول والإتيكيت Protocol and Etiquette	2	2	3	-
4	PRA258	الاتصالات التسويقية المتكاملة Integrated Marketing Communications	3	0	3	DER118
5	PRA259	الكتابة للعلاقات العامة والإعلان Writing for Public Relations & Advertising	2	2	3	-
6	PRA360	إنتاج مواد العلاقات العامة Media Production for Public Relations	2	2	3	PRA259
7	PRA361	تخطيط الحملات الإعلامية والإعلانية Communication & Advertising Campaigns	3	0	3	DER118
8	PRA462	التدريب الميداني في العلاقات العامة والإعلان Training in Public Relations and Advertising	0	6	3	إنجاز 90 س م Pass 90 Cr. Hrs.
9	PRA463	مشروع التخرج في العلاقات العامة والإعلان Graduation Project in Public Relations and Advertising	0	6	3	إنجاز 105 س م Pass 105 Cr. Hrs.

ب - متطلبات التخصص الاختيارية (مساقان، 6 ساعة معتمدة)

م	رقم المساق	المساق		الساعات المعتمدة			المتطلب السابق
				نظري	عملي	المجموع	
1	PRA264	Organizational Communication	الاتصال المؤسسي	3	0	3	-
2	PRA265	Crisis Communication	اتصالات الأزمة	3	0	3	-
3	PRA366	Online Public Relations & Advertising	العلاقات العامة والإعلان عبر الإنترنت	3	0	3	-
4	PRA367	Applied Public Relations (in English)	العلاقات العامة في المجال التطبيقي (باللغة الإنجليزية)	3	0	3	-
5	PRA268	Organizing of Activities and Special Events	تنظيم الفعاليات والأحداث الخاصة	3	0	3	-
6	RTV249	Radio & Television Advertising	الإعلان الإذاعي والتلفزيوني	2	2	3	-
7	RTV254	Effective Communication Skills	مهارات الاتصال الفعّال	3	0	3	-
8	GRD272	Graphics for Print Media	الجرافيك لوسائل الإعلام المطبوعة	1	4	3	-

توصيف مساقات برنامج العلاقات العامة و الإعلان

اسم المساق	مبادئ علم الاقتصاد		
رقم المساق	DES101		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق علم الاقتصاد، مفهومه، وأهميته، والمشكلة الاقتصادية، وأهداف المجتمع الاقتصادية، والنظرية الاقتصادية في المجتمع الرأسمالي والمجتمع الاشتراكي والمجتمع الإسلامي، كما يتناول النظام السعري والمرونة، والمنفعة وسلوك المستهلك، والدخل القومي والدخل الوطني، وعرض ثم دراسة طرق قياس الناتج المحلى ومشاكل الناتج المحلى الإجمالي، وبيان العلاقة بين الدخل والإنفاق، وأهم الأسس التي تقوم عليها السياسة المالية والنقدية، والعرض والطلب وقياس الناتج الكلي والدخل القومي وقياس النمو والإنتاجية، وتحليل لسياسات النقود وسعر الفائدة والإنتاج، والأسس التي يقوم عليها الاقتصاد الإسلامي.

اسم المساق	الوسائط المتعددة		
رقم المساق	DES102		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق الوسائط المتعددة بعناصرها ووظائفها، باعتبارها فئة من نظم الاتصالات المتفاعلة التي يمكن إنتاجها وتقديمها بواسطة الكمبيوتر، حيث تستخدم لتخزين ونقل واسترجاع المعلومات الموجودة في إطار شبكة من اللغة المكتوبة، والمسموعة، والرسومات الخطية، والصور الثابتة والفيديوأو الصور المتحركة، كذلك يتطرق المساق إلى مبادئ تصميم وإنتاج الوسائط المتعددة، من خلال التطبيق العملي باستخدام برمجيات انتاج الوسائط المتعددة.

Course Title	Study skills in English		
Course Number	DES103		
Number Of Credit Hours	Theory	Practical	Total of Credit Hours
	3	0	3
Prerequisite	None		
Course Type	Supporting Required		

Course Description

This course provides information, techniques, strategies and skills helpful in becoming more efficient. *It* covers the skills which relate directly to the needs of most university students such as self management, time management, improving reading and writing skills, note taking, research skills, and e learning.

اسم المساق	مجتمع الإمارات حديثا		
رقم المساق	DES204		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		

نوع المساق	متطلب مساند

توصيف مختصر للمساق:

يتناول هذا المساق نشأة مجتمع الإمارات وتكوينه الاجتماعي وسماته ومقوماته من خلال دراسة طبيعة التنظيمات الاجتماعية السائدة (الأسرة والتعليم والصحة والاقتصاد)، بالإضافة إلى دراسة ملامح التنمية البشرية والتغير الاجتماعي والمشكلات الاجتماعية وعلاقتها بقضايا العولمة وانتشار استخدام التطبيقات التقنية الحديثة.

اسم المساق	التصوير الرقمي		
رقم المساق	DES205		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق تعريف الطلبة بمكونات وأنواع الكاميرات الرقمية، وطرق التصوير باستخدام الكاميرات الرقمية، وعناصر ومكونات الصورة الرقمية وطرق معالجتها وصيغها وطرق حفظها ونقلها وتحويلها، وكيفية تحرير الصورة الرقمية وطباعتها وتصفحها وحفظها واستخدامها في أعمال مختلفة.

Course Title	English Language For The Media		
Course number	DES206		
The number of credit hours	Theory	Practical	Credit Hours Total
	3		3
Prerequisite	N/A		
Type of course	Supporting required		

Course Description

The course aims to provide students with knowledge and practice of the technical language and terminology used in the mass media in its various forms, encompassing radio, television, newspapers and magazines, film, and the new media.. To foster and develop their basic reading and writing skills, students will also be exposed to the styles of media texts designed for the different media outlets.

اسم المساق	مجتمع المعلومات		
رقم المساق	DES207		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق الثورة المعرفية والمعلوماتية التي يعيشها العالم في كل المجالات، كما يستعرض خصائص المجتمع المعلوماتي، مقارنا إياها بما عرفته المجتمعات الأخرى. كما يبحث أيضا في التأثيرات، والآفاق المستقبلية للمجتمع العربي في ظل الثورة المعلوماتية وخارطة السوق المعلوماتية العالمية.

اسم المساق	الأدب العربيّ الحديث والمعاصر		
رقم المساق	DES308		
عدد الساعات	نظريّ	عمليّ	مجموع السّاعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول المساق عوامل ازدهار الأدب في العصر الحديث والمعاصر؛ من امتزاج الثّقافات وانتشار الطّباعة والتّرجمة، وكذلك الاطلاع على: أهمّ المذاهب الأدبيّة والفنّيّة، ووجوه الإبداع فيها، وأبرز أعلامها في مجال الشّعر، ثم الانتقال

بعد ذلك إلى دراسة النّثر، ممثّلًا في: القصّة، والمسرحيّة... وغيرها.

اسم المساق	تصميم مواقع شبكة الإنترنت		
رقم المساق	DES309		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق مفاهيم ومبادئ تصميم مواقع الإنترنت حيث يتناول عناصر تصميم المواقع على شبكة الإنترنت، وقواعد إنشائها وتصميمها، ويركز على التخطيط لبناء الموقع الإعلامي، وتوظيف الوسائط المتعددة في إنتاج وعرض المضامين الإعلامية. ويتم التطبيق العملي باستخدام مستحدثات برمجيات تصميم مواقع الإنترنت.

اسم المساق	حقوق الإنسان في العصر الحديث		
رقم المساق	DES310		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يشمل هذا المساق التعريف بالحق وأقسامه، حقوق الإنسان، موقعها بين الحقوق الأخرى مراحل تطورها ووسائل حمايتها في المواثيق الدولية مع إشارة إلى هذه الحقوق في دستور دولة الإمارات العربية المتحدة.

اسم المساق	الرأي العام		
رقم المساق	DES311		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق تعريف الرأي العام ومراحل نشأته وتطوره ،كما يتطرق إلى دراسة تكوينه ومقوماته وتقسيماته وأنواعه. فضلاً عن خصائصه ووظائفه ويتناول بالدراسة والتحليل دور القوى الاجتماعية والسياسية والثقافية في تشكيل الرأي العام. ثم المجالات التي تستخدم فيها بحوث الرأي العام وعلاقة الرأي العام بالدعاية كما يتناول المساق الإعلام الجديد وعلاقته بالرأي العام.

اسم المساق	المنظمات الإقليمية والدولية		
رقم المساق	DES312		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول المساق نشأة المنظمات الإقليمية والدولية في سياق التطور التاريخي للعلاقات الدولية، أنواعها وسماتها القانونية. كما يلقي الضوء على أهم المنظمات الإقليمية والدولية والكيانات الرئيسية التابعة لها ودورها في خدمة محيطها، بالإضافة إلى استعراض المنظمات الإقليمية والدولية البارزة.

اسم المساق	التفكير الناقد والابتكاري		
رقم المساق	DES413		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		

نوع المساق	متطلب مساند

توصيف مختصر للمساق:

يتناول هذا المساق التفكير الناقد والابتكاري من خلال بناء وتطوير مهارات وعمليات التفكير الناقد والابتكاري كما يدور حول تعزيز قدرات الطلبة في تقييم مواطن القوة والضعف في الجدل والنقاش بشكل موضوعي والنقد البناء وحل المشكلات والاستنتاج المنطقي والتصنيف الفكري وكل ما يتعلق بإشكاليات الحياة العملية المختلفة وكيفية التغلب عليها، كذلك الاستخدام الأمثل للتحليل الناقد لما يدور حولنا من أحداث ومواقف، وأيضا تنمية قدرة الفرد على الإنتاج من خلال ابتكاره لأفكار جديدة.

اسم المساق	مناهج وطرق البحث		
رقم المساق	DES414		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق إجراءات وخطوات البحث العلمي، ومناهج البحث العلمي المستخدمة في مجال الإعلام.كما يقدم عرضا مفصلا عن أساليب البحث العلمي المستخدمة في مجال الإعلام، مثل أسلوب المسح الإعلامي. ويتناول أساليب التحليل الكيفي والكمي وأدوات البحث الكمية والكيفية. (أداة الاستبيان، الملاحظة البحثية، المقابلة، تحليل المضمون، جماعات النقاش البؤرية). أنواع العينات الاحتمالية وغير الاحتمالية ومواصفاتها وإجراءات اختيارها، وعيوبها، وكيفية تجنبها. ويطبق الطالب ذلك كله من خلال الجانب العملي للمساق بإجراء بحث علمي في أحد المجالات الإعلامية.

اسم المساق	علم النفس الاجتماعي		
رقم المساق	DES415		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب مساند		

توصيف مختصر للمساق:

يتناول هذا المساق التعريف بعلم النفس الاجتماعي، تطوره التاريخي ومجالاته والعلوم المتصلة به، ومناهجه، كمايتناول القيم والاتجاهات والدوافع والقيادة والتنشئة الاجتماعية والتطبيع الاجتماعي، والسلوك الاجتماعي للجماعات، والظواهر الاجتماعية والعوامل الدينامية في عملية التوافق والإحباط والتعصب والعنف والعدوان والامتثال والطاعة والانحراف والصراع، إضافة إلى الأسس النفسية للمشكلات الأسرية والشبابية وآثارها، والأمراض الاجتماعية، وتأثيرات وسائل الإعلام على الفرد والجماعة والمجتمع، والدعاية والحرب النفسية.

اسم المساق	مدخل إلى الصحافة المطبوعة والإلكترونية		
رقم المساق	DER116		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم		

توصيف مختصر للمساق:

يتناول هذا المساق دراسة نشأة وتطور الصحافة المطبوعة والإلكترونية، مع التركيز على الدور الذي تقوم به الصحافة في المجتمع. والوظائف المختلفة التي تمارسها وأهمية هذه الوظائف وتأثيرها في تنمية المجتمع.
كمايتناول المساق تطور الصحافة المطبوعة والإلكترونية، وتأثير تطور تكنولوجيا الاتصال والمعلومات في مستقبل الصحافة.

اسم المساق	مدخل إلى الإذاعة والتلفزيون		
رقم المساق	DER117		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة

	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم		

توصيف مختصر للمساق:

يتناول هذا المساق نشأة وتطور الإعلام الإذاعي والتلفزيوني، وخصائص كل وسيلة منهما، وكذلك البث الفضائي عبر الأقمار الاصطناعية، والراديو والتلفزيون والإنترنت، ووظيفة الإعلام الإذاعي والتلفزيون في المجتمع، وأنواع الأنظمة الإذاعية وتأثير اختلاف السيطرة والتمويل على المضمون الإذاعي والتلفزيوني.

اسم المساق	مدخل إلى العلاقات العامة والإعلان		
رقم المساق	DER118		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم		

توصيف مختصر للمساق:

يتناول هذا المساق التعريف بالعلاقات العامة من حيث مفهومها وتاريخها ووظائفها ووسائل عملها، إلى جانب جماهير العلاقات العامة، وأنشطتها في مختلف المجالات، ودورها ووسائلها في تطوير المؤسسات. وكذلك مفهوم الإعلان وأنواعه وأهداف ووظائفه ووسائله المختلفة، مراحل تأثير الإعلان على سلوك المستهلك، والأوتار الإقناعية في الرسالة الإعلانية.

اسم المساق	مدخل إلى التصميم الجرافيكي		
رقم المساق	DER119		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	1	4	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب قسم		

توصيف مختصر للمساق:

يتناول هذا المساق عرض المبادئ والمفاهيم الأساسية المتعلقة بالتصميم الجرافيكي، وعملية التصميم وعناصرها، تطبيقات تصميم الجرافيك في وسائل الإعلام المطبوعة والتلفزيونية وأهمية الثقافة المرئية والتفاعلية. وكيفية توظيفها كوسائل اتصال مرئية مثل الألوان والتصميم الجرافيكي والتصوير والوسائط المتعددة والإنترنت والرسوم المتحركة والكارتون والرسوم المعلوماتية وغيرها... وكذا برمجيات التصميم الرقمي.

اسم المساق	**نظريات الاتصال**		
رقم المساق	DER321		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	**لا يوجد**		
نوع المساق	متطلب قسم		

توصيف مختصر للمساق:

يتناول المساق النظريات والمداخل النظرية التي تفسر الظواهر الإعلامية المختلفة. ويعرض المساق كل نظرية أو مدخل نظري بالتعريف بخلفيته المعرفية، والسياق الاجتماعي والثقافي والمعرفي الذي أنتجه. كما يتناول المساق كيفية تطوير نموذج نظري يفسر الظواهر الإعلامية الحديثة التي أوجدها الإعلام الإلكتروني. يتعرض المساق للنظريات والمداخل النظرية الرئيسية في علم الاتصال والإعلام مثل: نظريات التأثير، نظرية وضع الأجندة، ونظريات بناء الواقع الاجتماعي وإدراكه، والمداخل النفسية والاجتماعية المختلفة المفسرة للاتصال مثل مدخل الاستخدامات والإشباعات.

اسم المساق	أخلاقيات الإعلام وتشريعاته		
رقم المساق	DER420		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3

المتطلب السابق	لا يوجد
نوع المساق	متطلب قسم

توصيف مختصر للمساق:

يتناول هذا المساق مفهوم حرية الرأي والتعبير ومظاهره، المسؤولية الاجتماعي ومواثيق ممارسة العمل الإعلامي، الأخلاقيات والتشريعات الإعلامية التي تحكم ممارسة مهنة الإعلام. علاوة على إلقاء الضوء على أهم القوانين والتشريعات الإعلامية في دولة الإمارات العربية المتحدة.

اسم المساق	إدارة العلاقات العامة والإعلان		
رقم المساق	PRA155		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	661118		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق

يتناول هذا المساق مفهوم وأهمية التنظيم في عمل العلاقات العامة، موقع إدارة العلاقات العامة في الهيكل التنظيمي للمؤسسات والتنظيم الداخلي لها، أساليب تنفيذ أنشطة العلاقات العامة، السمات والمؤهلات الواجب توافرها بالمدراء والعاملين بالعلاقات العامة، أسس ومراحل تخطيط برامج العلاقات العامة. كما يناقش مفهوم وعناصر النشاط الإعلاني والمتغيرات المؤثرة عليه، التنظيم الداخلي لإدارة الإعلان ووظائفها لدى المعلن، أنواع ووظائف الوكالات الإعلانية والتنظيم الإداري لها والقواعد والقوانين التي تحكم عملها.

اسم المساق	استراتيجيات الإعلان		
رقم المساق	PRA256		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	661118		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق:

يتناول هذا المساق التعريف مفهوم الاستراتيجية الإعلانية وعناصرها ومجالاتها وأهدافها، أنواع الاستراتيجيات الإعلانية والعوامل المؤثرة في تخطيطها ونجاحها، الاستراتيجيات الإعلانية وعلاقاتها بدراسة سلوك المستهلك. كما يناقش الاستراتيجيات الإبداعية في الإعلان ودورها في إدارة العلامة التجارية، استراتيجيات الإعلان الدولي وأنواعها وأساليب تخطيطها، وأخيراً مناقشة حالات تطبيقية لبعض الإعلانات وتحليلها.

اسم المساق	البروتوكول والإتيكيت		
رقم المساق	PRA257		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق

يتناول هذا المساق مفهوم البروتوكول والمراسم، مفهوم الهندسة الدبلوماسية، بروتوكول الزيارات والحفلات والولائم الرسمية، قواعد الأسبقية، مراسم المؤتمرات والاجتماعات الدولية، مراسم رفع الأعلام والمراسلات ومنح الأنواط والأوسمة. كما يناقش مفهوم الإتيكيت، إتيكيت التعامل الاجتماعي غير الرسمي (المجاملة - التعارف – المصافحة – الدعوة والزيارة – تقديم الهدايا، الحديث – الملابس) إتيكيت الولائم والحفلات غير الرسمية، إتيكيت الاجتماعات والمقابلات.

اسم المساق	الاتصالات التسويقية المتكاملة		
رقم المساق	PRA258		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	661118		

نوع المساق	متطلب تخصص إجباري

توصيف مختصر للمساق:

يتناول هذا المساق مدخل الاتصالات التسويقية المتكاملة (المفهوم – التعريفات - الملامح والأبعاد- الأهمية – الوظائف – قواعد الاستخدام - المعوقات)، الاتصالات التسويقية ودراسة سلوك المستهلك، استراتيجيات وعناصر الاتصالات التسويقية المختلفة (العلاقات العامة التسويقية والتفاعلية- الرعاية- البيع الشخصي – تنشيط المبيعات- التسويق المباشر – إدارة علاقات العملاء...) ودورها في تحقيق الوظيفة الاتصالية والتسويقية للشركات والمؤسسات.

اسم المساق	الكتابة للعلاقات العامة والإعلان		
رقم المساق	PRA259		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق:

يتناول المساق مفهوم الكتابة للعلاقات العامة وأهميتها، أشكال الكتابة للعلاقات العامة والفرق بينها وبين فنون الكتابة الأخرى، السمات والمهارات اللازمة لكاتب العلاقات العامة وكيفية تنميتها، خصائص الأسلوب الكتابي للعلاقات العامة، قواعد الكتابة المتخصصة للعلاقات العامة في مختلف الوسائل الإعلامية، الكتابة للإعلان: المفهوم – الأهداف – السمات، الوظائف الأساسية للنص الإعلاني، السمات والمهارات اللازمة لكاتب النصوص الإعلانية، قواعد وأساليب كتابة النص الإعلاني في وسائل الإعلام المختلفة.

اسم المساق	إنتاج مواد العلاقات العامة		
رقم المساق	PRA360		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	664259		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق:

يتناول المساق مختلف جوانب عملية إعداد وإنتاج مواد العلاقات العامة كالكتيبات، النشرات الصحفية، المطويات، الملصقات، إخراج الصور الفوتوغرافية والتعليق عليها، المواد السمعية والبصرية. وكذلك المراحل الفنية والإنتاجية للمواد الإعلامية المختلفة المطبوعة والمسموعة والمرئية، ومدى تأثير التطور التكنولوجي عليها، كمايتناول الجوانب القانونية الواجب مراعاتها عند إنتاج المواد الإعلامية.

اسم المساق	تخطيط الحملات الإعلامية والإعلانية		
رقم المساق	PRA361		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	661118		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق:

يتناول هذا المساق مفهوم وأسس وعناصر ومعايير التخطيط الإعلامي، مفهوم الحملة الإعلامية والإعلانية وأنواعها، عناصر الحملة الإعلامية والإعلانية وسماتها وأسس تخطيطها، مراحل تخطيط الحملة الإعلامية والإعلانية بداية من تحديد موض

وع الحملة حتى جدولتها وتنفيذها وتقييمها. بالإضافة لعرض نماذج تطبيقية لبعض الحملات الإعلامية والإعلانية ومناقشتها وتحليلها.

اسم المساق	التدريب الميداني في العلاقات العامة والإعلان		
رقم المساق	PRA462		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	0	6	3

المتطلب السابق	إنجاز 90 ساعة معتمدة
نوع المساق	متطلب تخصص إجباري

توصيف مختصر للمساق

يتناول هذا المساق التدريب الميداني للطلبة في إحدى المؤسسات في مجال العلاقات العامة والإعلان بغرض التطبيق العملي للأساليب والمعارف العلمية التي اكتسبوها.

اسم المساق	مشروع التخرج في العلاقات العامة والإعلان		
رقم المساق	PRA463		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	0	6	3
المتطلب السابق	إنجاز 105 ساعات معتمدة		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق

يتناول هذا المساق تطبيق الجوانب المعرفية التي اكتسبها الطلبة في مجال العلاقات العامة والإعلان خلال فترة الدراسة وتوظيف تلك المهارات والقدرات في إنجاز مشروع عملي في التخصص.

اسم المساق	الاتصال المؤسسي		
رقم المساق	PRA264		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص اختياري		

توصيف مختصر للمساق: -

يتناول هذا المساق دراسة الاتصال المؤسسي داخل منظمات الأعمال من حيث المفاهيم والعمليات الأساسية والأهداف، تكامل الاتصالات المؤسسية الداخلية والخارجية، الاتصالات المؤسسية الإلكترونية وتطبيقات نظم إدارتها. كما يتناول تأثير اختلافات النظريات والنظم الإدارية على الاتصالات المؤسسية، بالإضافة إلى أنماط القيادات الإدارية والنمط الاتصالي الفعّال، وكذلك اتصالات إدارة النزاعات والخلافات المؤسسية وكيفية استخدام استراتيجيات حل النزاعات في المؤسسات المعاصرة.

اسم المساق	اتصالات الأزمة		
رقم المساق	PRA265		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق موضوع اتصالات الأزمة (المفهوم – التعريفات – الفرق بين اتصالات الأزمة وإدارة الأزمة والمفاهيم الأخرى ذات الصلة) الاستراتيجيات الاتصالية للاستجابة أوقات الأزمات - سمات اتصالات الأزمة الفعالة - نظرية اتصالات الأزمة الموقفية - دورة حياة اتصالات الأزمة - فاعلية اتصالات الأزمة في حماية سمعة المنظمات. نماذج تطبيقية لشركات واجهت أزمات متنوعة للتعرف على كيفية استجابتهم لتلك الأزمات وأهم الاستراتيجيات الاتصالية التي تم استخدامها.

Course name	Online Public Relations and Advertising		
Course number	PRA366		
The number of credit hours	Theory	Practical	Credit Hours Total
	3		3

Prerequisite	N/A
Type of course	Obligatory elective requirement

Course Description

This course covers Public Relations and Online Advertising (concept - importance - goals - target audiences), and the functions of public relations on the Internet, the advantages offered by the Internet for practitioners of public relations, Internet use in public relations and corporate communications, recent trends in Public Relations research via the Internet, the ethics of the practices of public relations over the Internet. Online advertising (concept - origination - importance - goals - target audiences - features - negatives), forms of online advertising, advertising message over the Internet, advertising on social networks, discussing and analyzing models of the practices of public relations and online advertising.

Course name	Applied Public Relations		
Course number	PRA367		
The number of credit hours	Theory	Practical	Credit hours total
	3	0	3
Prerequisite	N/A		
Type of course	Major optional requirement		

Course Description

The course deals with the definition of modern public relations strategies, tools, applications, knowledge of the types and areas of sponsorship and their application in different institutions, how to develop and implement social responsibility programs which aim at consolidating reputation and building mental image for institutions, as well as empirical study cases of sponsorship programs and social responsibility within the government and private institutions.

اسم المساق	تنظيم الفعاليات والأحداث الخاصة		
رقم المساق	PRA268		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق تعريف أنشطة وفعاليات العلاقات العامة، تخطيط الأنشطة والفعاليات، أنوع الأنشطة كالمؤتمرات والندوات، الاجتماعات، اللقاءات والأيام المفتوحة، الجولات الميدانية، الأحداث الخاصة، دور هذه الأنشطة في تنمية وتطوير العلاقات مع المجتمع، كيفية تطوير المؤسسات لعلاقاتها مع الإعلاميين ووسائل الإعلام المختلفة لترويج الأنشطة والفعاليات التي تنظمها، وأخيراً نماذج وتطبيقات عملية.

اسم المساق	الإعلان في الإذاعة والتلفزيون		
رقم المساق	RTV249		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	2	2	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص اختياري		

توصيف مختصر للمساق:

يتناول هذا المساق مفهوم الإعلان الإذاعي والتلفزيوني من حيث وضع الافكار الإعلانية وكتابة نصوصها وتطبيقات إنتاج الإعلان الإذاعي والتلفزيوني، كما يتناول علاقة الإعلان بالتحولات التي أحدثتها التكنولوجيا الذكية من خلال استخدام الوسائط المتعددة في إنتاج الإعلان الإذاعي والتلفزيوني، ويتناول في جوانبه العملية تدريب الطلبة على كيفية إعداد وإنتاج الإعلانات الإذاعية والتلفزيونية.

اسم المساق	مهارات الاتصال الفعّال		
رقم المساق	RTV254		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	3	0	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص اختياري		

توصيف مختصر للمساق:

يتناول المساق مفهوم الاتصال وأنواعه وأشكاله واتجاهاته، مفهوم االاتصال الفعال وسماته وعناصره، مهارات الاتصال الفعال: اللفظي كمهارات الحديث والحوار، الاستماع، الإلقاء، التفاوض واحتواء الاعتراضات، كتابة التقارير. وكذلك مهارات الاتصال غير اللفظي، كما يناقش أنماط الأشخاص المختلفة ومهارات التعامل معهم ومع ذوي الطباع الصعبة.

اسم المساق	الجرافيك لوسائل الإعلام المطبوعة		
رقم المساق	GRD272		
عدد الساعات	نظري	عملي	مجموع الساعات المعتمدة
	1	4	3
المتطلب السابق	لا يوجد		
نوع المساق	متطلب تخصص إجباري		

توصيف مختصر للمساق:

يتناول هذا المساق التصميم الجرافيكي لوسائل الإعلام المطبوعة مثل الإعلان مفهومه وأسس تصميمه من حيث البناء، واختيار الرسالة الإعلانية، ووسائل نشر الإعلان. والمواد المستخدمة في تصميم الإعلان، وأسس التخطيط للحملات الإعلانية. وتصميم الشعار والكارت الشخصي وورق المكاتبات والأظرف والمطوية وحافظة الأوراق والملصقات وإعلان الإنترنت وإعلان الجريدة.

منظومة المؤهلات QF Emirates المخرجات التعليمية للبرنامج	المعرفة Knowledge					المهارة Skill				أوجه الكفاءة Competency									
										الاستقلالية والمسؤولية Autonomy and Responsibility				الدور في السياق Role in Context				التطور الذاتي Self-Development	
	1	2	3	4	5	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
مخرج البرنامج 1	√																			
مخرج البرنامج 2		√																		
مخرج البرنامج 3				√																
مخرج البرنامج 4					√															
مخرج البرنامج 5						√														
مخرج البرنامج 6							√													
مخرج البرنامج 7								√												
مخرج البرنامج 8										√										
مخرج البرنامج 9														√						
مخرج البرنامج 10															√					
مخرج البرنامج 11																			√	
مخرج البرنامج 12																	√			
مخرج البرنامج 13																				√
مخرج البرنامج 14																		√		
مخرج البرنامج 15																				√

17 | College of Law

The College of Law at University of Science and Technology of Fujairah (USTF) was established to be one of the best legal educational institutions at the local and regional level and to perform its function among the UAE higher education institutions by preparing legal generations capable of generously giving back to their country and region. The College of Law offers a bachelor of law program. This program was accredited by Commission for Academic Accreditation (CAA) at the Ministry of Education in the UAE in July 2019.

Mission

The College seeks to provide the appropriate scientific environment for encouraging creativity in the various legal areas through the adoption of a distinguished academic program that aim to graduate qualified and trained lawyers and also to deepen comparative legal research in the regional and international issues in order to meet the needs of the community especially in the United Arab Emirates, in particular, and the other Arab countries in general.

Objectives

- Building a scientific and administrative structure capable of activating the knowledge system.
- Achieving a balance between the academic, social, and economic objectives of the College.
- Providing scientific advice in the areas of specialization of the College and cooperating in the field of research with the local community
- Holding conferences, seminars and workshops and preparing effective programs for continuous education
- Preparing systematic programs for continuous education, competency development and community service
- Graduating qualified students who are able to obtain knowledge and achieve excellence in their profession
- Extending bridges of communication and cooperation between the College, external institutions, and scientific research centers regionally and internationally.

Offered Programs

The programs that are offered by the college:

- Bachelor of Law

كلية القانون

أنشئت كلية القانون في جامعة العلوم و التقنية في الفجيرة لتكون أحد صروح التعليم القانوني على المستويين المحلي والإقليمي ولتؤدي دورها بين مؤسسات التعليم الجامعي الإماراتية في إعداد أجيال قانونية قادرة على العطاء. كلية القانون بجامعة العلوم والتقنية في الفجيرة تطرح برنامج البكالوريوس في القانون الذي حصل على الاعتماد المبدئي من مفوضية الاعتماد الأكاديمي بوزارة التربية والتعليم في دولة الإمارات العربية المتحدة في يوليو 2019م.

رسالة الكلية

تسعى الكلية إلى توفير البيئة العلمية المناسبة لإطلاق الإبداع في مختلف العلوم القانونية، وذلك عن طريق اعتماد برامج أكاديمية متميزة تهدف إلى تخريج الكوادر المؤَهَلة والمُدَرّبة على ممارسة الأعمال القانونية والشرعية وتعميق البحث القانوني المقارن في ضوء المشكلات المحلية والإقليمية والعالمية وذلك لتلبية متطلبات المجتمع في دولة الإمارات العربية المتحدة خاصة، ودول مجلس التعاون الخليجي والدول العربية عامة.

أهداف الكلية

* بناء هيكل تنظيمي علمي وإداري مؤَهل لتفعيل منظومة المعرفة.
* التسخير الأمثل للموارد المتاحة بما يضمن تحقيق الموازنة بين الأهداف الأكاديمية والاجتماعية والأهداف الاقتصادية للكلية.
* تقديم المشورة العلمية في مجالات اختصاص الكلية والتعاون في مجال البحوث والدراسات الخاصة بالمجتمع المحلي، وعقد المؤتمرات والندوات والحلقات النقاشية التي تعزز ذلك وإعداد برامج دراسية للتعليم المستمر، والإسهام في التنمية البشرية في المجتمع بالقدر الذي لا يؤثر في التزامات الهيئة التدريسية.
* إعداد برامج منهجية للتعليم المستمر، وتنمية الكفاءات وخدمة المجتمع، وذلك بإنشاء التنظيمات الإدارية التي تتولى التخطيط لتلك البرامج وتنفيذها وتقويمها.
* تخريج كفاءات مؤَهلة تأهيلاً علمياً رفيعاً قادرة على تحصيل المعرفة بأنفسهم وتثميرها وتوظيفها.
* تهيئة احتياجات المجتمع المحلي والخليجي والعربي من الكفاءات المؤَهلة لخدمته وتطويره وتحقيق التنمية الشاملة فيه
* مد جسور التواصل والتعاون بين الكلية وبين المؤسسات والجامعات ومراكز البحث العلمي إقليمياً ودولياً.
* الحرص على الربط الوثيق بين مخرجات العمليات التعليمية والبحثية وبين متطلبات المجتمع وسوق العمل في شتى قطاعاته.

البرامج التي تطرحها الكلية

بكالوريوس قانون

بكالوريوس القانون

أهداف البرنامج

1. تمكين الطالب من الإلمام بالمعارف الأساسية في فروع القانون التي تمكنه من العمل في مختلف المجالات القانونية.
2. بناء الطالب بناءً منهجياً وفق القيم والفضائل المحلية والعالمية.
3. تنمية ملكات البحث العلمي لدى الطالب في المجالات القانونية والشرعية.
4. الربط الوثيق بين النظرية والتطبيق بما يضمن الاستفادة من المخرجات التعليمية في الواقع القانوني العملي.
5. استخدام التقنيات الحديثة لرفع المستوى العلمي وتحسين الأداء المهني.

شروط القبول

7. شهادة الثانوية العامة الإماراتية المسار المتقدم بنسبة لا تقل عن (80%)، أو المسار العام بنسبة لاتقل عن (85٪) - أو ما يعادلها مع شهادة معادلة من وزارة التربية والتعليم في دولة الإمارات العربية المتحدة.
8. اجتياز اختبار الإمارات القياسي في اللغة الإنجليزية بمعدل (950) أو ما يعادلها من شهادات الكفاءة في اللغة الإنجليزية على سبيل المثال TOEFL بدرجة لا تقل عن 450، أو IELTS بدرجة لا تقل عن 4.5.
9. اجتياز اختبار الإمارات القياسي في اللغة العربية بمعدل (1000) .
10. اجتياز اختبار الإمارات القياسي في الرياضيات بمعدل (800) أو ما يعادلها.
11. اجتياز المقابله الشخصية التي تقوم بها الكلية.

فرص العمل

يملك خريجو البرنامج العديد من الفرص المتزايدة في سوق العمل سواء داخل دولة الإمارات أو خارجها، ومن ذلك:

- العمل في السلك الجامعي
- العمل في سلك القضاء والنيابة
- العمل في السلك الدبلوماسي
- العمل في الإدارات القانونية بالجهات المختلفة الحكومية والخاصة
- العمل في قطاع الشرطة
- العمل في القطاع الخاص بمهنة المحاماة (حيث يفترض أن النشاط الاقتصادي المتنامي لدولة الإمارات يترك المجال للتنازع بين أصحاب المصالح بما يفسح المجال للعديد من خريجي البرنامج لمباشرة مهنة المحاماة).

كما يوفر البرنامج فرص واضحة للترقي داخل مجال الوظيفة التي يشغلها طالب البرنامج، ويبدو ذلك بوضوح في نطاق العمل الشرطي.

متطلبات الدرجة العلمية

للحصول على درجة البكالوريوس في القانون، يتعين توافر الشروط الآتية:

1. أن ينجز الطالب بنجاح (132) ساعة معتمدة بما فيها التدريب العملي.
2. ألا يقل المعدل التراكمي للطالب عند استكمال متطلبات التخرج عن (2.0) نقطة.
3. أن يتقيد الطالب بالمدة القصوى (8 أعوام جامعية) والمدة الدنيا (3.5 عام جامعي) للبقاء في البرنامج

البرنامج التعليمي

الخطة الدراسية للبرنامج

1. هيكلة الخطة الدراسية لبرنامج البكالوريوس في القانون (132 ساعة معتمدة)

نوع المتطلب	عدد ساعات المساقات الإجبارية	عدد ساعات المساقات الاختيارية	إجمالي عدد الساعات
متطلب جامعة	15	9	24
متطلب تخصص	96	12	108
الإجمالي	111	21	132

الفصل الدراسي الأول

م	رقم المساق	المساق		الساعات المعتمدة			المتطلب السابق
		اسم المساق		نظري	عملي	المجموع	
1	LAW110	تاريخ التشريع الإسلامي ومصادرة		3		3	-
2	LAW100	المدخل لعلم القانون		3		3	-
3	ISL112	الثقافة الإسلامية		3		3	-
4	ARB112	مهارات التواصل باللغة العربية		3		3	-
5	EMS111	مجتمع الإمارات		3		3	-
6		متطلب جامعة اختياري 1		3		3	-
		المجموع				**18**	

الفصل الدراسي الثاني

م	رقم المساق	المساق		الساعات المعتمدة			المتطلب السابق
		اسم المساق		نظري	عملي	المجموع	
1	LAW101	قانون المعاملات المدنية (1) مصادر الالتزام الإرادية		3		3	المدخل لعلم القانون
2	LAW150	عقوبات عام (1)		2		2	المدخل لعلم القانون
3	LAW120	قانون المعاملات التجارية (1) نظرية التاجر والأعمال التجارية		3		3	المدخل لعلم القانون
4	LAW160	القانون الدستوري		3		3	المدخل لعلم القانون
5	ENG111	مهارات اللغة الإنجليزية		3		3	-
6		متطلب جامعة اختياري 2		3		3	-
		المجموع				**71**	

الفصل الدراسي الثالث

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	LAW211	الأحوال الشخصية للمسلمين	3	-	3	تاريخ التشريع الإسلامي ومصادرة ومدني (1)
2	LAW251	عقوبات عام (2)	2	-	2	عقوبات عام (1)
3	LAW201	قانون المعاملات المدنية (2) مصادر الالتزام غير الإرادية	1	2	2	قانون المعاملات المدنية (1) مصادر الالتزام الإرادية
4	LAW261	مبادئ القانون الإداري	3	-	3	القانون الدستوري
5	LAW211	متطلب جامعة اختياري 3	3	-	3	-
6		متطلب تخصص اختياري 1	3	-	3	-
		المجموع			**16**	

الفصل الدراسي الرابع

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	LAW292	مصطلحات قانونية باللغة الإنجليزية	2	1	2	قانون المعاملات المدنية (2) مصادر الالتزام غير الإرادية
2	LAW252	عقوبات خاص (1)	2	-	2	عقوبات عام (2)
3	LAW203	قانون المعاملات المدنية (3) احكام الالتزام	3	-	3	قانون المعاملات المدنية (2) مصادر الالتزام غير الإرادية
4	LAW221	قانون معاملات تجارية (2) الشركات والإفلاس	3	-	3	قانون المعاملات المدنية (2) قانون المعاملات مدنية (2)
5	LAW290	مناهج البحث في العلوم القانونية	2	-	2	قانون المعاملات المدنية (2) مصادر الالتزام غير الإرادية
6	LAW281	القانون الدولي العام	3	-	3	القانون الإداري
		المجموع			**16**	

الفصل الدراسي الخامس

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	LAW333	قانون الإجراءات المدنية 1 (أصول التقاضي)	2	2	3	قانون المعاملات المدنية (3)
2	LAW353	عقوبات خاص (2)	2	-	2	عقوبات خاص (1)
3	LAW304	قانون المعاملات المدنية (4) العقود المسماة	3	-	3	قانون المعاملات المدنية (3)
4	LAW308	أحكام الإثبات	1	2	2	قانون المعاملات المدنية (3)
5	LAW313	فقه المواريث والوصايا	2	2	3	قانون المعاملات المدنية (3)+ أحوال شخصية

6	IES111	الابتكار وريادة الأعمال والاستدامة	3	-	3	إنجاز 60 س م
المجموع					**16**	

الفصل الدراسي السادس

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	LAW371	مبادئ علم الاقتصاد	3	-	3	قانون المعاملات المدنية (4)
2	LAW335	قانون التحكيم	1	2	2	إجراءات مدنية (1)
3	LAW306	قانون المعاملات مدنية (5) الحقوق العينية الأصلية	2	-	2	قانون المعاملات المدنية (4)
4	LAW307	قانون العمل والمعاشات الاجتماعية	3	-	3	قانون المعاملات المدنية(4)
5	LAW359	قانون الإجراءات الجزائية (1)	1	2	2	عقوبات خاص (2)
6	LAW354	النظام الجزائي الإسلامي	2	-	2	عقوبات خاص (2)
7		متطلب تخصص اختياري 2	3		3	-
المجموع					**17**	

الفصل الدراسي السابع

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	LAW458	قانون الإجراءات الجزائية (2)	1	2	2	قانون الإجراءات الجزائية (1)
2	LAW413	أصول الفقه	3	-	3	فقه المواريث +النظام الجزائي الإسلامي
3	LAW434	قانون الإجراءات مدنية (2) التنفيذ الجبري	2	2	3	إجراءات مدنية (1)
4	LAW440	القانون الدولي الخاص (1) الجنسية ومركز الأجانب	2	-	2	قانون التحكيم
5	LAW428	قانون المعاملات التجارية (3) الأعمال المصرفية والعقود والأوراق التجارية	2	2	3	معاملات مدنية (4)+ معاملات تجارية (2)
6		متطلب تخصص اختياري3	3	-	3	
المجموع					**16**	

الفصل الدراسي الثامن

م	رقم المساق	المساق	الساعات المعتمدة			المتطلب السابق
		اسم المساق	نظري	عملي	المجموع	
1	LAW425	قانون الملكية الفكرية	2	-	2	قانون الإجراءات الجزائية (1)
2	LAW441	القانون الدولي الخاص (2) تنازع القوانين والاختصاص القضائي وتنفيذ الأحكام)	3	-	3	فقه المواريث +النظام الجزائي الإسلامي
3	LAW429	القانون البحري والجوي	3	-	3	إجراءات مدنية (1)

4	LAW408	قانون المعاملات المدنية (6) الحقوق العينية التبعية	2	-	2	قانون التحكيم
5	LAW495	التدريب العملي	3	-	3	معاملات مدنية (4)+ معاملات تجارية (2)
6		متطلب تخصص اختياري4	3	-	3	
المجموع					**16**	

قائمة متطلبات التخصص الاختياري

يدرس الطالب (4) مساقات

م	رقم المساق	اسم المساق		المتطلب السابق
1	LAW262	حقوق الإنسان	Human Rights	القانون الدستوري
2	LAW263	العقود الإدارية	Administrative Contracts	القانون الإداري
3	LAW381	المنظمات الدولية	International Organizations	القانون الدولي العام
4	LAW471	المالية العامة والتشريع الضريبي	Public Finance and Tax Legislation	مبادئ علم الاقتصاد
5	LAW426	النظام القانوني للاستثمار	Law of Investment	مبادئ علم الاقتصاد وقانون معاملات تجارية (2)
6	LAW427	النظام القانوني للأسواق المالية	Law of Stock Markets	مبادئ علم الاقتصاد
7	LAW364	قانون حماية البيئة	Environment Protection Law	عقوبات خاص (1)
8	LAW357	علم الإجرام والعقاب	Criminology and Punishment Science	عقوبات خاص (1)
9	LAW459	التشريعات الجزائية الخاصة	Private Penal Legislations	قانون إجراءات جزائية (1)
10	LAW325	الجوانب القانونية للتجارة الإلكترونية	The Law of Electronic Commerce	قانون معاملات مدنية (3)وقانون معاملات تجارية (2)
11	LAW309	قانون المعاملات الرياضية	Sports Law	قانون معاملات مدنية (3)
12	LAW265	الإدارة العامة	Public Administration	القانون الإداري
13	LAW393	مهارات التواصل باللغة الانجليزية	Communication Skills in English	مصطلحات قانونية باللغة الإنجليزية
14	LAW358	علم النفس الجنائي	Criminal Psychology	عقوبات خاص(1)

توصيف مساقات برنامج بكالوريوس القانون
توصيف مساقات التخصص الإجباري

المدخل لدراسة القانون

رقم المساق LAW100
عدد الساعات: 3 س م
المتطلب السابق: -

توصيف المساق:

يتناول المساق دراسة النظرية العامة للقانون من حيث: تعريف القانون، وخصائص القاعدة القانونية، وعلاقتها بالقواعد الاجتماعية الأخرى، وفروع القانون، ومصادره الرسمية والتفسيرية، ونطاق تطبيق القانون من حيث المكان والزمان، وتفسير القانون.

كما يتناول المساق دراسة النظرية العامة للحق من حيث: التعريف بالحق، وبيان صلته بالقانون، وأنواع الحقوق وتقسيماته، وأشخاص الحق (الشخص الطبيعي- الشخص الاعتباري)، ومحل الحق، ووسائل حمايته، ومصادره، واستعماله، وإثباته، وطرق انقضائه.

قانون المعاملات المدنية (1) (مصادر الالتزام الإرادية)

رقم المساق: LAW101
عدد الساعات: 3 س م
المتطلب السابق: المدخل لدراسة القانون

توصيف المساق:

يتناول المساق دراسة المصادر الإرادية للالتزام (العقد – الإرادة المنفردة) من حيث: تعريف العقد ودور مبدأ سلطان الإرادة في العقود وتقسيماتها، وأركان العقد وآثاره سواء بالنسبة إلى طرفيه أو الغير، وجزاء الإخلال بالعقد وأركان المسؤولية العقدية، ودراسة الإرادة المنفردة من حيث: التعريف، وأحكام الوعد بجائزة الموجه للجمهور (شروطه - آثاره - تقادمه).

قانون المعاملات المدنية (2) (مصادر الالتزام غير الإرادية)

رقم المساق: LAW201
عدد الساعات: 2 س م
المتطلب السابق: قانون المعاملات المدنية (1)

توصيف المساق:

يتناول المساق التعريف بالمسؤولية التقصيرية والتميز بينها وبين المسؤولية العقدية، والجمع والخيرة بين المسؤوليتين، وأركان المسؤولية التقصيرية (الخطأ التقصيري – الضرر – علاقة السببية): الفعل الضار، المسؤولية عن الخطأ الشخصي. والمسؤولية عن عمل الغير والمسؤولية عن الأشياء، والضرر بنوعيه المادي والأدبي، وعلاقة السببية بين الفعل الضار والضرر. ودراسة دعوى المسؤولية التقصيرية، ودراسة الفعل النافع (الكسب دون سبب) والقانون باعتبارهما مصدران غير إراديين للالتزام.

قانون المعاملات المدنية (3) (أحكام الالتزام)

رقم المساق: LAW203
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (2) مصادر الالتزام غير الإرادية

توصيف المساق:

يتناول المساق دراسة الالتزام من حيث آثاره: التنفيذ العيني ووسائله، التنفيذ بمقابل أو بطريق التعويض، والوسائل التي تكفل حقوق الدائنين (الدعوى غير المباشرة – دعوى الصورية – دعوى عدم نفاذ التصرف – الحجر على المدين المفلس – حق الاحتباس)، وأوصاف الالتزام: الشرط والأجل، تعدد محل الالتزام – تعدد طرفي الالتزام، وانتقاله (حوالة الحق – حوالة الدين)، وانقضائه سواء بالوفاء، أو بما يعادل الوفاء، أو دون الوفاء به.

قانون المعاملات المدنية (4) (العقود المسماة البيع والتأمين والمقاولة)

رقم المساق: LAW304
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (3) - أحكام الالتزام

توصيف المساق:

يتناول المساق دراسة عقد البيع من حيث: تعريفه وأركانه وآثاره: التزامات البائع (نقل الملكية – تسليم المبيع – ضمان التعرض والاستحقاق - ضمان العيوب الخفية)، والتزامات المشتري (تسلم المبيع - الوفاء بالثمن) . وعقد التأمين، من حيث التعريف به وخصائصه وانعقاده وإثباته وتفسيره وآثاره وانتهائه. ودراسة عقد المقاولة من حيث: تعريفه، وأركانه، وآثاره، وانقضائه، وأحكام عقد المقاولة من الباطن وآثاره.

قانون المعاملات المدنية (5)

رقم المساق: LAW306
عدد الساعات: 2 س م
المتطلب السابق: قانون المعاملات المدنية 4

توصيف المساق:

يتناول المساق التعريف بالحقوق العينية وأنواعها والتميز بينها وبين الحقوق الشخصية، ودراسة حق الملكية من حيث التعريف به وخصائصه وعناصره والقيود والواردة عليه سواء قيوداً قانونية أو قيودا إرادية (الشرط المانع من التصرف)، وأحكام الملكية الشائعة، وأسباب كسب الملكية.
ودراسة الحقوق العينية الأصلية الأخرى (حق الانتفاع، حق الاستعمال وحق السكنى، حق المساطحة – حق الارتفاق).

قانون المعاملات المدنية (6) ضمانات الائتمان العينية والشخصية

رقم المساق: LAW408
عدد الساعات: 2 س م
المتطلب السابق: قانون المعاملات المدنية (5) - وقانون الاجراءات المدنية (3)

توصيف المساق:

يتناول المساق دراسة الرهن التأمين من حيث تعريفه وخصائصه والشروط الموضوعية لإنشائه سواء تلك التي يلزم توافرها في الراهن أو الدين المضمون بالرهن أو العقار المرهون، والشروط الشكلية، وآثار العقد سواء بالنسبة لطرفيه أو للغير، وانقضائه. ودراسة الرهن الحيازي وشروطه وآثاره وانقضائه، وحقوق الامتياز: أنواعها ومراتبها. ودراسة الكفالة من حيث: تعريفها ومحل التزام الكفيل، وأنواعها، وآثارها سواء بالنسبة للعلاقة بين الكفيل والدائن أو بين الكفيل والمدين، وانتهائها.

أحكام الإثبات

رقم المساق: LAW308
عدد الساعات: 2 س م
المتطلب السابق: قانون المعاملات المدنية (3)

توصيف المساق:

يتناول المساق دراسة المبادئ العامة في الإثبات من حيث: تعريفه وبيان أهميته، ومحله، ومن يتحمل عبء الإثبات، وطرق الإثبات: الكتابة – شهادة الشهود – القرائن -الإقرار – اليمين، ودراسة حجية المستند الإلكتروني في الإثبات.

قانون العمل والتشريعات الاجتماعية

رقم المساق: LAW307
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (4)

توصيف المساق:

يتناول المساق دراسة المبادئ العامة في قانون العمل من حيث التعريف به وأهميته والخصائص المميزة له ومصادره، ونطاق تطبيقه من حيث الأشخاص. وتعريف عقد العمل وعناصره المميزة (التبعية – الأجر: ماهيته وضمانات الوفاء به وحمايته)، وإبرامه وإثباته وآثاره من حيث الالتزامات التي يرتبها على طرفيه (العامل وصاحب العمل)، ووقف العقد وانقضائه. ودراسة التأمينات الاجتماعية: أنواعها والمستحقين لها وشروط استحقاقها.

قانون المعاملات التجارية (1) (نظرية التاجر والأعمال التجارية)

رقم المساق: LAW120
عدد الساعات: 3 س م
المتطلب السابق: المدخل لدراسة القانون

توصيف المساق:

دراسة النظرية العامة للقانون التجاري , أي القواسم المشتركة التي تطبق في مختلف مساقات القانون التجاري الأخرى (كالقانون البحري والجوي والعمليات المصرفية ... الخ) من حيث تعريف القانون التجاري ومصادره ومفهوم العمل

التجاري ونظامه القانوني وأشكاله والتاجر التزاماته والتشريعات المنظمة للتجارة كتلك المتعلقة بحماية المستهلك والإغراق والغش التجاري والنظام القانوني للمحل التجاري وعناصره والتصرف فيه.

قانون المعاملات التجارية (2) (الشركات التجارية والإفلاس)

رقم المساق: LAW221
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات التجارية (1) - قانون المعاملات المدنية (2)

توصيف المساق:

يتناول المساق التعريف بالشركة وخصائصها وتمييزها عما سواها، وأنواع الشركات المختلفة وفق قانون الشركات الإماراتي. مع التأكيد على تأسيس الشركات وأشكالها وتكوينها، والشخصية المعنوية لها، والأحكام العامة لانقضاء الشركات التجارية وتصفيتها، ودراسة أحكام الإفلاس التجاري من حيث شروطه وآثاره وإدارة التفليسة وانتهائها.

قانون المعاملات التجارية (3) (الأوراق التجارية والعمليات المصرفية)

رقم المساق: LAW428
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات التجارية (2) واجراءات مدنية (2)

توصيف المساق:

يتناول هذا المساق دراسة الأعمال المصرفية كالودائع النقدية والتحويل المصرفي، والقرض المصرفي، وخطاب الضمان، والاعتماد العادي والمستندي ... كما يتناول دراسة الأوراق التجارية وهي الكمبيالة والسند الأذني والشيك.

الملكية الفكرية

رقم المساق: LAW425
عدد الساعات: 2 س م
المتطلب السابق: قانون المعاملات التجارية (3)

توصيف المساق:

يتناول المساق مفهوم ومضمون الملكية الفكرية: مفهوم حق المؤلف بجانبيه الأدبي والمالي والحماية القانونية المقررة له، وتعريف الحقوق المجاورة ومضمونها والحماية القانونية لها، والتعريف ببراءة الاختراع وشروط منحها وتسجيلها، وحقوق وامتيازات صاحب الاختراع وانقضاء البراءة ودعوى إبطالها، والحماية القانونية لبراءة الاختراع على المستويين المحلي والدولي، ودراسة الرسوم والنماذج الصناعية والحماية القانونية لها. والعلامات التجارية والبيانات التجارية وشروطها وتسجيلها والحماية القانونية لها، والإشارة إلى جرائم علامات البضائع وعقوباتها والإجراءات التحفظية.

القانون البحري والقانون الجوي

رقم المساق: LAW429
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات التجارية (3)

توصيف المساق:

يتناول المساق التعريف بالقانون البحري وخصائصه ونشأته ومصادره، وتوضيح عناصر الملاحة البحرية: الوضع القانوني للسفينة، أشخاص الملاحة البحرية، عقد إيجار السفينة وأنواعه، عقد النقل البحري وخصائصه، مسؤولية الناقل البحري والبيوع البحرية، عقد نقل الأشخاص بحراً، الحوادث البحرية، المساعدة والإنقاذ والخسائر المشتركة وفقاً للتشريع التجاري البحري والاتفاقيات الدولية بهذا الخصوص.

ودراسة مجموعة القواعد القانونية التي تنظم الملاحة في الغلاف الجوي، والعلاقات التي تنشأ عن استعمال المركبات الهوائية أو الطائرات، والاتفاقات الدولية التي تنظم هذا الموضوع.

تاريخ التشريع الإسلامي ومصادره

رقم المساق: LAW110
عدد الساعات: 3 س م
المتطلب السابق: لا يوجد

توصيف المساق:

يتناول المساق أبوابا ومداخل مهمة للعلوم الشرعية، تبين ضرورة وجود التشريعات لتنظيم الحياة الاجتماعية والشخصية للإنسان وتعريفاً بالشريعة والفقه وبيان أقسامهما، ومصادر التشريع الإسلامي والأدوار التاريخية للتشريع الإسلامي وخصائصها، وبعض القواعد الكلية في الفقه الإسلامي وشرحا وافيا لبعض النظم الإسلامية.

الأحوال الشخصية للمسلمين

رقم المساق: LAW211
عدد الساعات: 3 س م
المتطلب السابق: تاريخ التشريع الإسلامي ومصادره – قانون المعاملات المدنية (1)

توصيف المساق:

يتناول المساق أهم الأبواب الخاصة بالأحوال الشخصية، ودراستها دراسة مقارنة مستوفية لأهم آراء العلماء وأدلتهم فيما ذهبوا إليه وصححوه. من ذلك مباحث الزواج وأحكامه، وحقوق الزوجين، وفرق النكاح وأحكامه كالطلاق والخلع والعدة. وأحكام الرضاع والنسب التبني والحضانة وأحكام التفريق للضرر وللعيب ولغيبة الزوج، والفرق التلقائية من الخلع والظهار والإيلاء واللعان، وأحكام العدة، وما إلى ذلك.

فقه المواريث والوصايا والوقف

رقم المساق: LAW313
عدد الساعات:3 س م
المتطلب السابق: قانون الأحوال الشخصية وقانون المعاملات المدنية (3)

توصيف المساق:

يتناول المساق دراسة أحكام المواريث من حيث أركان الإرث وأسبابه وشروطه وموانع الإرث، وأصحاب الفروض والعصبات وميراث ذوي الأرحام، وميراث الحمل والمفقود والغرقى والهدمى. ودراسة الوصية من حيث أركانها وشروطها ومبطلاتها، والوصية الواجبة وتزاحم الوصايا، والوقف من حيث: تعريفه ومشروعيته وصفته وأنواعه وأركانه وشروطه وطرق الانتفاع بالوقف والولاية عليه.

أصول الفقه

رقم المساق: LAW413
عدد الساعات: 3 س م
المتطلب السابق: فقه المواريث والوصايا والوقف – النظام الجزائي الاسلامي

توصيف المساق:

يتناول المساق تعريف علم أصول الفقه وأهميته، ثم شرحا لأهم مباحثه مثل المباحث المتعلقة بالحكم الشرعي وأقسامه كالمندوب والحرام والمكروه والمباح والعزيمة والرخصة والحكم الوضعي وأقسامه، والسبب والشرط المانع والصحة والبطلان، والحاكم والمحكوم فيه وشروطه، والمحكوم عليه. والأهلية وعوارضها وأقسامها، وأدلة الأحكام وطرق استنباطها، والقواعد الأصولية اللغوية.

مناهج البحث في العلوم القانونية

رقم المساق: LAW290
عدد الساعات: 2 س م
المتطلب السابق: قانون المعاملات المدنية (2)

توصيف المساق:

يتناول المساق دراسة منهجية البحث القانوني ومقوماته الأساسية، وتكليف الطالب بإعداد بحث تخرج في أحد الموضوعات القانونية تحت إشراف أستاذ المادة، ودراسة منهجية تحليل الأحكام القضائية وكيفية استخلاص القواعد القانونية منها وأوجه الطعن فيها. ومنهجية تحليل النصوص التشريعية والوقوف على حقيقة إرادة المشرع من خلال تفسيرها.

قانون الإجراءات المدنية (1) (نظرية الدعوى والاختصاص والتنظيم القضائي والأحكام)

رقم المساق: LAW333
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (3)

توصيف المساق:

يتناول المساق دراسة التنظيم القضائي في دولة الإمارات، وأحكام تعيين ورد القضاة، والاختصاص القضائي الولائي والنوعي والقيمي والمحلي، والدعوى وإجراءاتها والأحكام المختلفة المتعلقة بها، والأحكام القضائية وأقسامها ومشتملاتها وشروط صحتها، وطرق الطعن العادية (المعارضة والاستئناف) وغير العادية (النقض والتماس إعادة النظر)، والأوامر.

(قانون التحكيم)

رقم المساق: LAW335

عدد الساعات: 2 س م
المتطلب السابق: قانون الإجراءات المدنية 1

وصيف المساق:

يتناول المساق التعريف بالتحكيم التجاري الدولي وأنواعه ومزاياه وبيان الفارق بينه وبين النظم المتشابهة في تسوية المنازعات، وكذلك نطاقه وأركانه وأساليب اختيار المحكمين والقانون الواجب التطبيق، بالإضافة إلى دراسة عقد التحكيم وفوائده وانقضائه، تنفيذ حكم التحكيم.

قانون الإجراءات المدنية (2) (التنفيذ الجبري)

رقم المساق: LAW434
عدد الساعات: 3 س م
المتطلب السابق: قانون الإجراءات المدنية (1)

توصيف المساق:

يتناول المساق دراسة مفهوم التنفيذ الجبري وشروطه ووسائل إجبار المدين على تنفيذ التزامه، والقاعدة العامة في تنفيذ الأحكام القضائية، والنفاذ المعجل: أنواعه وشروطه وحالاته، والتنفيذ الجبري بالحجز والبيع: الحجز التحفظي حالاته وشروطه، وحجز المنقول لدى المدين، وحجز ما للمدين لدى الغير، والحجز العقاري، ومنازعات التنفيذ المختلفة.

القانون الدولي الخاص (1) (الجنسية ومركز الأجانب)

رقم المساق: LAW440
عدد الساعات: 2 س م
المتطلب السابق: قانون الاجراءات المدنية (2)

توصيف المساق:

يتناول المساق دراسة أحكام تنازع القوانين من حيث: مفهوم الظاهرة وشروط وجودها وكيفية حلها بواسطة قواعد الإسناد في المجالات المختلفة التي نص عليها المشرع الإماراتي، ثم تنازع الاختصاص القضائي الدولي، وحالات الاختصاص الدولي لمحاكم الإمارات وكيفية تنفيذ الأحكام الأجنبية فيها، ومدى حجية تلك الأحكام.

القانون الدولي الخاص (2) (تنازع القوانين وتنازع الاختصاص القضائي الدولي وتنفيذ الأحكام)

رقم المساق: LAW441
عدد الساعات: 3 س م
المتطلب السابق: القانون الدولي الخاص (1)

توصيف المساق:

يتناول المساق دراسة أحكام تنازع القوانين من حيث: مفهوم الظاهرة وشروط وجودها وكيفية حلها بواسطة قواعد الإسناد في المجالات المختلفة التي نص عليها المشرع الإماراتي، ثم تنازع الاختصاص القضائي الدولي، وحالات الاختصاص الدولي لمحاكم الإمارات وكيفية تنفيذ الأحكام الأجنبية فيها، ومدى حجية تلك الأحكام.

القانون الدستوري

رقم المساق: LAW160
عدد الساعات: 3 س م
المتطلب السابق: المدخل لدراسة القانون

توصيف المساق:

يتناول المساق دراسة القانون الدستوري من حيث: إيضاح طبيعته وتمييزه عن فروع القانون الأخرى والتعريف بالدستور وبيان مصادر الأحكام الدستورية وأنواع الدساتير ونشأتها وانقضائها ووسائل الحفاظ على سيادة الدستور من خلال بيان أنواع الرقابة على دستورية القوانين، ودراسة النظم السياسية المعاصرة وصورها الرئيسية ودراسة الدولة وأركانها وأشكالها ونظام الحكم فيها والنظام الدستوري لدولة الإمارات العربية المتحدة.

مبادئ القانون الإداري

رقم المساق: LAW261
عدد الساعات :3 س م
المتطلب السابق: القانون الدستوري

توصيف المساق:

يتناول المساق التعريف بالقانون الإداري ومصادره والخصائص المميزة له وعلاقته بفروع القانون الأخرى والعمل الإداري وآثاره والعقود الإدارية وأركانها وإجراءات إبرامها وكيفية اختيار المتعاقد من جهة الإدارة من خلال المناقصات

ودراسة ما ورد بقانون المناقصات المزايدات في دولة الإمارات، والرقابة على أعمال الإدارة من حيث ماهيتها وأنواعها وآثارها.

عقوبات عام

رقم المساق: LAW150
عدد الساعات: 2 س م
المتطلب السابق: المدخل لدراسة القانون

توصيف المساق:

يتناول المساق تعريف قانون العقوبات وأقسامه وطبيعته ونطاق تطبيقه (مبدأ الشرعية وقاعدة عدم الرجعية) وعلاقته ببعض فروع القانون الجنائي الأخرى، ودراسة النظرية العامة للجريمة (تعريفها وأركانها) والمشاركة الإجرامية وأسباب الإباحة وموانع المسؤولية الجنائية.

عقوبات عام 2

رقم المساق: LAW251
عدد الساعات: 2 س م
المتطلب السابق: عقوبات عام 1

توصيف المساق:

يتناول المساق دراسة العقوبة من حيث جوهرها وخصائصها وآثارها وأغراضها وتقسيماتها وأنواعها في قانون العقوبات الاتحادي، وتنفيذ العقوبة وتفريدها وتعددها، وانقضاء العقوبات وسقوطها وزوال الأحكام الصادرة بها، ودراسة التدابير الاحترازية (تطورها وخصائصها وشروط تطبيقها).

عقوبات خاص 1

رقم المساق: LAW252
عدد الساعات: 2 س م
المتطلب السابق: عقوبات عام 2

توصيف المساق:

يتناول المساق دراسة جرائم الاعتداء على الأشخاص: الجرائم الماسة بالحق في الحياة والأحكام المشتركة في القتل ومحل الاعتداء فيه والركن المادي بعناصره، والأحكام الخاصة بالقتل العمد، وأسباب الإباحة، وعقوبة القتل العمد والظروف المشددة والظروف المخففة، والأحكام الخاصة بالقتل غير العمد، والجرائم الماسة بسلامة الجسم، والجرائم الواقعة على العرض، والجرائم الواقعة على السمعة.

عقوبات خاص 2

رقم المساق: LAW353
عدد الساعات:2 س م
المتطلب السابق: عقوبات خاص 1

توصيف المساق:

يتناول المساق دراسة جرائم السرقة وتعريفها وأقسامها وأركانها والجرائم الملحقة بها، والسرقة الموجبة للحد، وعقوبة السرقة في الشريعة والظروف المشددة، والاحتيال والجرائم الملحقة به، وجريمة خيانة الأمانة وما يتصل بها والجرائم الملحقة بها، وجريمة الشيك بدون رصيد (بسوء نية)، والجرائم المتعلقة بالوظيفة العامة (الرشوة – استغلال الوظيفة وإساءة استعمال السلطة – التعدي على الموظفين – انتحال الوظائف والصفات).

قانون الإجراءات الجزائية 1

رقم المساق: LAW359
عدد الساعات: 2 س م
المتطلب السابق: عقوبات خاص 2

توصيف المساق:

يتناول المساق التعريف بقانون الإجراءات الجزائية وفلسفته وأهدافه، والأنظمة المختلفة للإجراءات الجزائية، والتفريق بين النظامين الاتهامي والتنقيب والتحري، والدعاوى الناشئة عن الجريمة وأطرافها وقيود رفع الدعوى وانقضائها ، واختصاصات مأموري الضبط القضائي العادية والاستثنائية ، والضبط القضائي وجمع الاستدلالات ، والتحقيق المبدئي وخصائصه والاستجواب وأوامر التصرف في التحقيق الابتدائي والطعن فيه.

النظام الجزائي الاسلامي

رقم المساق: LAW354
عدد الساعات: 2 س م
المتطلب السابق: عقوبات خاص (2)

توصيف المساق:

التعريف بالمبادئ العامة للعقوبات وأنواعها في الفقه الإسلامي مقارنة بين المذاهب الفقهية المختلفة وقانون دولة الإمارات العربية المتحدة، بتعريف الجناية في الفقه الإسلامي، ودراسة جرائم الاعتداء على الحق العام "الحدود" كحد الزنا والقذف شرب الخمر والردة والحرابة، والعقوبات المقرة لهذه الجرائم. وجرائم الاعتداء على الأشخاص مثل: القتل العمد والإيذاء والجرح العمد وعقوبات هذه الجرائم من قصاص أو دية، وجرائم التعازير وعقوباتها غير المقدرة، ونظام الإثبات في الفقه الجنائي الإسلامي من شهادة وإقرار في مختلف الجرائم.

قانون الإجراءات الجزائية 2

رقم المساق: LAW458
عدد الساعات: 2 س م
المتطلب السابق: إجراءات جزائية (1)

توصيف المساق:

يتناول المساق الجانب التطبيقي من الإجراءات الجزائية، وعلى وجه التحديد: المحاكمة وطرق الطعن في الأحكام، وأنواع المحاكم وتشكيلها واختصاصاتها، وإجراءات المحاكمة والمبادئ العامة للتحقيق النهائي، وأدلة الإثبات الجنائي، والإجراءات الخاصة ببعض المحاكمات والمتهمين، والحكم الجنائي: أنواعه المختلفة، وطرق الطعن في الأحكام والبطلان وإشكالات تنفيذ الأحكام.

القانون الدولي العام

رقم المساق: LAW281
عدد الساعات: 3 س م
المتطلب السابق: مبادئ القانون الإداري

توصيف المساق:

يتناول المساق التعريف بالقانون الدولي العام ونشأته وطبيعته، وبيان مصادره وأشخاصه والعلاقة بينة وبين القانون الوطني وبقية فروع القانون الأخرى، ونشوء الدول والاعتراف بها وحقوقها وواجباتها، مبادئ الاختصاص ودراسة قانون البحار، وموضوع المسؤولية الدولية وحقوق الإنسان واستعمال القوة ومراحل تطورها وتسوية المنازعات الدولية، والعلاقات الدبلوماسية والقنصلية والمنظمات الدولية.

مصطلحات وقراءات قانونية باللغة الانجليزية

رقم المساق: LAW292
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (2)

توصيف المساق:

يتناول المساق التعريف ببعض المصطلحات القانونية بدءاً بمعنى كلمة القانون وفروع القانون العام والخاص ومصادر القانون وأهداف القانون وتطبيقات القانون، والتعريف بالدستور ونشأته وأنواعه وسمو الدستور ومبدأ الرقابة على دستورية القوانين، والنظم السياسية والسلطات الثلاث والمؤسسات الدستورية في الدولة كرئيس الدولة ومجلس الوزراء والبرلمان وغيرهم.

مبادئ علم الاقتصاد

رقم المساق: LAW371
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (4)

توصيف المساق:

يتناول المساق التعريف بعلم الاقتصاد وعلاقته بالعلوم الأخرى، وأساليب التحليل الاقتصادي، والمشكلة الاقتصادية وعناصرها، وتطور النظم الاقتصادية، والتنمية الاقتصادية ومشكلاتها، والتحليل الاقتصادي الجزئي، والادخار والاستثمار في النظرية الاقتصادية، والعلاقات الاقتصادية الدولية.

التدريب العملي

رقم المساق: LAW495
عدد الساعات: 3 س م

المتطلب السابق: إجراءات مدنية (3) قانون الإجراءات الجزائية (2) وأن يكون الطالب قد أنهى 100 ساعة دراسية معتمدة على الأقل.

توصيف المساق:

يتناول المساق تدريب الطالب عمليا على ما تم دراسته خاصة كيفية إجراء التحقيقات وكتابة المذكرات والاستشارات القانونية وصحف الدعاوى وصياغة العقود , والتدريب على المرافعات الشفوية من خلال محكمة تصويرية تعد لهذا الغرض ، وزيارات خارجية للمحاكم والنيابات ومكاتب المحامين وشركات التأمين وغير ذلك.

توصيف مساقات التخصص الاختياري

حقوق الإنسان

رقم المساق: LAW262

عدد الساعات: 3 س م

المتطلب السابق: القانون الدستوري

توصيف المساق:

يشمل هذا المساق التعريف بالحق وأقسامه، حقوق الإنسان، موقعها بين الحقوق الأخرى، مراحل تطورها ووسائل حمايتها في المواثيق الدولية والشريعة الإسلامية مع إشارة إلى هذه الحقوق في دستور دولة الإمارات العربية المتحدة.

العقود الإدارية

رقم المساق: LAW263

عدد الساعات: 3 س م

المتطلب السابق: مبادئ القانون الإداري

توصيف المساق:

يتناول المساق دراسة نشأة العقود الإدارية وأنواعها ومعايير تمييزها عن العقود الأخرى وكيفية إبرامها وأركان العقد الإداري وشروط صحته، والأحكام العامة في تنفيذ العقود الإدارية والتي تتجسد في "سلطات الإدارة تجاه المتعاقد بها – التزامات المتعاقد مع الإدارة – حقوق المتعاقد مع الإدارة "، وآثار العقود الإدارية بالنسبة للغير وتفسيرها وانقضائها، كما ويبحث المساق موضوع تفسير العقود الإدارية، وفي الختام يتطرق إلى نهاية العقود الإدارية.

المنظمات الدولية

رقم المساق: LAW381

عدد الساعات: 3 س م

المتطلب السابق: القانون الدولي العام

توصيف المساق :

يتناول المساق بيان فكرة التنظيم الدولي ونشأة المنظمات الدولية وتطورها، وطبيعتها ووظائفها ونظامها القانوني وتمتعها بالشخصية القانونية وأحكام العضوية فيها، وحل المنظمة الدولية ومشكلات المسيرات الدولي، ودراسة بعض المنظمات الدولية كعصبة الأمم ومنظمة الأمم المتحدة والمنظمات الإقليمية.

المالية العامة والتشريع الضريبي

رقم المساق: LAW471

عدد الساعات: 3 س م

المتطلب السابق: مبادئ علم الاقتصاد

توصيف المساق:

يتناول المساق دراسة القانون المالي من حيث مصادر إيرادات الدولة "الضرائب والقروض والرسوم والموارد الأخرى والمصروفات والنفقات العامة وآثارها المالية. والموازنة العامة للدولة، وكيفية ربطها وإصدارها والحساب الختامي وأنواع الموازنات العامة.

النظام القانوني للاستثمار

رقم المساق: LAW426

عدد الساعات: 3 س م

المتطلب السابق: قانون المعاملات التجارية (2) و مبادئ علم الاقتصاد

توصيف المساق:

يتناول المساق النظام القانوني للاستثمار خاصة في البلدان العربية والمشاكل القانونية الخاصة بذلك ومدى كفاية الضمانات الموجودة حالياً للمستثمر وكيفية تعزيزها والاستفادة من صيغ حماية الاستثمار في البلدان المتقدمة.

النظام القانوني للأسواق المالية

رقم المساق: LAW427
عدد الساعات: 3 س م
المتطلب السابق: مبادئ علم الاقتصاد

توصيف المساق:

يتناول المساق ماهية الأوراق المالية المتداولة وأنواعها وحقوق والتزامات طرفي العلاقة وواجب الإفصاح وبيان المعلومات الجوهرية المتعلقة بالأوراق والمركز القانوني لوسطاء السوق وأشكال ملكية الأوراق المالية، وأحكام تداولها في الأسواق المالية عموما وفي دولة الإمارات العربية خاصة، وهيئات الرقابة المختصة ودور إدارة السوق المالي ومسؤولياتهم مع الحرص على إجراء الدراسة المقارنة بالنظام القانوني بالأسواق المالية العربية في الأردن ودول ومجلس التعاون الخليجي وجمهورية مصر العربية.

مهارات التواصل باللغة الإنجليزية

رقم المساق: LAW393
عدد الساعات: 3 س م
المتطلب السابق: مصطلحات وقراءات قانونية باللغة الإنجليزية

توصيف المساق:

الأسماء وأنواعها، الضمائر وأنواعها، الأفعال والأزمنة، أنواعها واستخداماتها، قراءة النصوص القصيرة، واستنتاج الفكرة الرئيسية. الأفعال والأزمنة – أنواعها واستخداماتها، قراءة النصوص القصيرة، واستخراج المعلومات منها.
بناء الجملة ومكوناتها، مهارات التقديم، الصفة والظرف، تقديم الطلبة لعرض حول موضوع محدد، (التعليم، حقوق الإنسان...) ومناقشة الأفكار المطروحة شفوياً، بناء المقطع، قراءة نصوص متنوعة الطول والموضوع واستخراج المعلومات منها، بناء المقالة (النص)، الاستماع لمحادثات قصيرة واستخراج المعلومات منها، مهارات المحادثة، الاستماع لمحادثات متنوعة الموضوع ومتفاوتة الطول واستخراج المعلومات منها، مهارات المحادثة والنقاش وإبداء الرأي.
الاستماع لمحادثات طويلة واستخراج المعلومات منها، جلسات حوار مفتوح يتم فيها طرح موضوع معين ويقوم الطلبة بمناقشته بين بعضهم البعض.

قانون حماية البيئة

رقم المساق: LAW364
عدد الساعات: 3 س م
المتطلب السابق: عقوبات خاص (1)

توصيف المساق:

يتناول المساق دراسة نصوص القانون الاتحادي رقم (24) لسنة 1999 في شأن حماية البيئة وتنميتها، ولائحته التنفيذية الصادرة بقرار مجلس الوزراء رقم (37) لسنة 2001م، وذلك من حيث: بيان التأثير البيئي للمنشآت وخطط الطوارئ لمواجهة الكوارث البيئية، وحماية البيئة المائية والبحرية، والحماية من التلوث من المصادر البرية، وحماية مياه الشرب والمياه الجوفية، وحماية التربة، وحماية الهواء من التلوث وضمان التداول الآمن للمواد والنفايات الخطرة والمحميات الطبيعية، والمسؤولية والتعويض عن الأضرار البيئية.

علم الإجرام والعقاب

رقم المساق: LAW357
عدد الساعات: 3 س م
المتطلب السابق: عقوبات خاص (1)

وصيف المساق:

يتناول المساق في جزئه الأول بيان أهمية علم الإجرام وتطوره ومفهومه وعلاقته بالعلوم الأخرى، ومحاور البحث في علم الإجرام ونطاقه ومنهج البحث فيه، وموضوع البحث في علم الإجرام (المجرم والجريمة)، والنظريات العلمية المختلفة في تفسير الظاهرة الإجرامية والسلوك الإجرامي. ويتناول الجزء الثاني دراسة علم العقاب وأهميته وموضوعه وتطور الفلسفة العقابية، وعلاقتها ببعض فروع القانون الأخرى، وفكرة الجزاء الجنائي وأنواعه والمؤسسات العقابية وأنواعها، وطريقة وأسلوب المعاملة التي تطبق على المحكوم عليهم.

علم النفس الجنائي

رقم المساق: LAW358

عدد الساعات: 3 س م
المتطلب السابق: عقوبات خاص 1

توصيف المساق:

يتناول المساق دراسة علم النفس الجنائي من حيث تعريفه وبيان طبيعته والعلوم المتصلة به، كما يبحث الاختلالات الغريزية والعواطف المنحرفة والعقد النفسية المختلفة والأمراض النفسية والتخلف النفسي والعقلي وذلك من خلال نظريات أنصار المذهب النفسي في تفسير الجريمة، ومراحل تطور الشخصية وأنماطها ويبحث أثر العلل النفسية في المسؤولية الجنائية.

التشريعات الجزائية الخاصة

رقم المساق: LAW459
عدد الساعات: 3 س م
المتطلب السابق: قانون الإجراءات الجزائية (1)

توصيف المساق:

يتناول المساق دراسة الجرائم الدولية المنظمة وطرق محاكمة المجرمين الدوليين والمحاكم الدولية والجهات المختصة لتنفيذ تلك الأحكام. ونشأة الإنتربول الدولي وأحكامه وطرقه لتنفيذ الأحكام الدولية والجزائية عن طريق ذلك. وأهم أحكام المنشآت العقابية وطرق حمايتها قانونا وصلتها بالقوانين والمعاهدات الدولية ذات الصلة، وجرائم: المخدرات، وحيازة الأسلحة والذخائر، وغسيل الأموال، وجرائم الإرهاب، وأركان كل منها وعقوباتها، وقواعد حماية المستهلك جنائياً (يتم اختيار تشريع من التشريعات الجزائية الخاصة بناءً على اقتراح من قسم القانون العام وموافقة مجلس الكلية لتدريسه خلال العام الدراسي).

الجوانب القانونية للتجارة الالكترونية

رقم المساق: LAW325
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (3) - وقانون المعاملات التجارية (2)

توصيف المساق:

يتناول المساق دراسة ملامح النظام القانوني للتجارة الإلكترونية ومستجداتها والمزايا والمشاكل المترتبة بموجبها، خاصة ما يتعلق بانعقاد العقود بوسائل الاتصال الحديثة والتوقيع عليها (التوقيع الإلكتروني) مع استعراض لبعض العقود المصرفية الخاصة بالتجارة الإلكترونية كبطاقات الائتمان، ودراسة النظام القانوني لها.

قانون المعاملات الرياضية

رقم المساق: LAW309
عدد الساعات: 3 س م
المتطلب السابق: قانون المعاملات المدنية (3)

توصيف المساق:

يتناول المساق كل ما يتعلق بالجانب القانوني من الرياضة والمعاملات المالية التي تم بمناسبتها مع التأكيد على معنى الرياضة قانوناً، وضرورة قانون المعاملات الرياضية ودواعي استقلاله ومصادره والمنظمات الرياضية المختلفة الوطنية منها والدولية وما تقوم به من واجبات، والنظام القانوني للاعب المحترف والهاوي ودور وكلاء الرياضة (وكيل المباريات ووكيل اللاعبين) والجمهور ومركزه القانوني وحكم المباراة وحقوقه والتزاماته والمنشطات الرياضية وآثارها والنظام القانوني للتأديب والقضاء الرياضي.

الإدارة العامة

رقم المساق: LAW265
عدد الساعات: 3 س م
المتطلب السابق: مبادئ القانون الإداري

توصيف المساق:

يهدف هذا المساق الى استعراض تطور وأهمية علم الادارة بشكل عام و الادارة العامة على وجه الخصوص .. كما سيتعرض المساق الى مفاهيم ونظم ادارية ذات صلة في الادارة العامة مثل: ادارة الجودة الشاملة، الادارة الاستراتيجية، الحوكمة، ادارة التغيير، ادارة الموارد البشرية، ادارة الأزمات، ادارة الوقت، الادارة العامة في دولة الامارات العربية المتحدة: واقع الادارة العامة، مبادرات التطوير والحكومة الالكترونية وتطبيقاتها

Academic Calendar 2021/2022

Academic Calendar for Fall Semester

Day	Date	Description
Sunday	August 29, 2021	Faculty members report for work
Sunday	August 29, 2021	16:00 Commencement Ceremony for new students
Sunday-Thursday	August 29 : September 2 , 2021	New Students' Orientation Week
		Course registration for continuing and new students
		Last dates for incomplete examinations
		Application for credit transfer
		Last dates for changing major
Sunday	September 5, 2021	Beginning of classes
Sunday-Thursday	September 5 – 9, 2021	Last dates for adding and dropping courses
Thursday	September 9, 2021	Last date for dropping courses or suspending registration with 100% refund
Thursday	September 23, 2021	Last dates for suspension of registration with 50% refund
Thursday	September 30, 2021	Last date for dropping courses
Sunday	October 10, 2021	Beginning of admission period for Spring Semester 2021-2022
Sunday-Thursday	October 24 : November 4, 2021	Mid-term examinations period
Thursday	November 18, 2021	Last date for withdrawal
Sunday-Thursday	November 28 : December 9, 2021	Period for course evaluation
		Early registration for Spring Semester 2021-2022
Wednesday	December 1, 2021	UAE Martyr's Day
Thursday - Friday	December 2 - 3, 2021	UAE National Day holiday
Wednesday	December 15, 2021	Last day of classes
Thursday – Sunday	December 16- 26 , 2021	Final examinations period
Wednesday	December 29, 2021	Announcement of final examinations results
Wednesday – Saturday	December 29, 2021- January 8 ,2022	Fall Semester vacation

**Islamic holidays are tentative and are subject to moon sighting.*
***The dates and items in this calendar may be modified according to any future directives by the Ministry of Education*

Academic Calendar 2021/2022

Academic Calendar for Spring Semester

Day	Date	Description
Sunday-Thursday	January 9 - 13 , 2022	New Students' Orientation Week
		Course registration for continuing and new students
		Last dates for incomplete examinations
		Application for credit transfer
		Last dates for changing major
Sunday	January 16, 2022	Beginning of classes
Sunday-Thursday	January 16 - 20, 2022	Last dates for adding and dropping courses
Thursday	January 20, 2022	Last date for dropping courses or suspending registration with 100% refund
Thursday	Feb. 3, 2022	Last dates for suspension of registration with 50% refund
Thursday	February 10, 2022	Last date for dropping courses
Sunday	February 20, 2022	Beginning of admission period for Fall Semester 2022-2023
Sunday-Thursday	March 6 - 17 2022	Mid-term examinations period
Saturday - Saturday	March 26- April 2, 2022	Spring Semester vacation
Thursday	April 14, 2022	Last date for withdrawal
Sunday-Thursday	April 10 – 21, 2022	Period for course evaluation
		Period for early registration for Summer Semester 2021-2022
Wednesday	April 28, 2022	Last day of classes
Saturday – Wednesday	April 30 :May 4, 2022	Eid Al Fitr Al Mubarak
Saturday - Monday	May 7 -16, 2022	Final examinations period
Wednesday	May 18, 2022	Announcement of final examinations results

**Islamic holidays are tentative and are subject to moon sighting.*
***The dates and items in this calendar may be modified according to any future directives by the Ministry of Education*

Academic Calendar 2021/2022

Academic Calendar for Summer Semester – 1

Day	Date	Description
Thursday - Monday	May 19 - 23, 2022	Period for course registeration
Wednesday	May 25, 2022	Beginning of classes
Wednesday - Thursday	May 25 - 26, 2022	Last dates for adding and dropping courses
Wednesday	June 8 , 2022	Graduation Commencement for Summer Semester (1+2) 2020-2021 & Fall and Spring Semester 2021-2022
Sunday - Thursday	June 12 - 24 , 2022	Period for early registration for Fall Semester 2022-2023
Tuesday - Wednesday	June 14 – 15 , 2022	Mid-term examinations period
Tuesday	June 21 , 2022	Last date for withdrawal
Sunday - Monday	July 3- 4, 2022	Final examinations period
Thursday	July 7, 2022	Announcement of final examinations results
Thursday	July 7, 2022	Beginning of Summer vacation

* *N.B: 2 hours per class session.*

Academic Calendar 2021/2022

Academic Calendar for Summer Semester-2 (Field Training, Internship)

Day	Date	Description
Friday - Monday	July 8 - 11, 2022	Arafat Day, Eid Al-Adha holiday
Sunday	July 17 , 2022	Beginning of Training, Internship
Thursday	August 25, 2022	End of 6 weeks Training, Internship
Thursday	September 8, 2022	End of 8 weeks Training, Internship

**Islamic holidays are tentative and are subject to moon sighting.*
***The dates and items in this calendar may be modified according to any future directives by the Ministry of Education*

Appendix 1

Undergraduate Admission Policy

Policy Name	Undergraduate Admission Policy		
Policy Owner	Vice Chancellor for Academic Affairs	**Reviewed**	Annually
Approved By	Council for Academic Affairs	**Approval Date**	

This document sets out the University's policy on admissions to accredited undergraduate degree programs and applies to Admissions Officers and the Director of the Office of Admissions and Registration.

Definitions

- **CAA:** Commission for Academic Accreditation at the Ministry of Education (MOE) in the United Arab Emirates (UAE).
- **University:** University of Science and Technology of Fujairah (USTF).
- **Office of Admissions and Registration (OAR):** The office is responsible for supporting students during registration, study, and graduation. The OAR administers the University academic calendar, faculty timetables, and class schedule.
- **Director of Admissions and Registration:** Director of the Office of Admissions and Registration at the University.
- **Admissions Period:** The period during which applicants can submit their admission application to the Office of Admissions and Registration.
- **Application Level:** Admission application category, whether undergraduate, graduate, or transfer.
- **Active Application:** An application that is not marked as Cancelled, Expired, Enrolled, Rejected, or Declined.
- **Inactive Application:** An application in process that is marked as Cancelled, Expired, Enrolled, Rejected, or Declined.
- **Admissions Offer Letters:** Letters issued by the Office of Admissions and Registration and sent to the applicants notifying them that they have been admitted in one of the academic programs they have applied for.
- **Application Rejection Letters:** Letters issued by the Office of Admissions and Registration and sent to the applicants notifying them of the rejection of their admission application.
- **Waiting List:** A list in which the college temporarily places students until a seat for the selected program is available. Only students who opted for the waiting list on their application can be placed on the list.
- **Admission Fee:** The fee collected to process the admission application.
- **Registration Fee:** The fee collected to process a student's application and registration throughout his/her study at the University.
- **Application Number:** A generated number, to be used as a password, to track the status of the submitted application before a decision is taken.
- **International student:** A non-native Arabic-speaking student holding an international secondary school certificate.

Undergraduate Admissions Requirements

1. **Holders of UAE Secondary School Certificate or Equivalent Qualifications:**
   - Applications for admission should be submitted to the Office of Admissions and Registration during the admission period.
   - The applicant must possess a Secondary School Certificate (SSC) issued in the UAE, or its equivalent as approved by the UAE Ministry of Education (MOE).
   - Holders of SSC, Elite or Advanced Stream, are eligible for admission in any college of the University if they satisfy the minimum score requirement for the degree program as published by each college.
   - Holders of the SSC, General Stream, with a minimum score of 75 percent, are eligible for admission to the following programs:
     - Bachelor of Science in Information Technology/Cyber Security.
     - Bachelor of Science in Information Technology/Data Analytic.
     - Bachelor of Science in Management
   - Holders of the SSC, General Stream, with a minimum score of 70 percent, are eligible for admission to the following programs:
     - Bachelor of Science in Information Systems/Project Management.
     - Bachelor of Interior Design.
   - Holders of the SSC, General Stream, with a minimum score of 65 percent, are eligible for admission in the following programs:
     - Bachelor of Arts in Psychology
     - Bachelor of Arts in Sociology and Social Work
     - Bachelor of Arts in Mass Communication/Public Relations and Advertising

     Depending on the medium of instruction, then the applicant should satisfy the English and Arabic proficiency requirements outlined in ***Appendix***.

2. **Holders of International Secondary School Certificates**

   Holders of the international Secondary School Certificates are eligible for admission if:
   - The certificate was awarded after at least 12 years of schooling.
   - The student submitted an equivalency certificate from the Ministry of Education (MOE) in the United Arab Emirates (UAE).
3. **Admissions Criteria**
   - USTF Council for Academic Affairs (CFAA) determines the number of students to be admitted to each degree program each semester, according to the ceiling determined by the Commission for Academic Accreditation (CAA) for each program and the university's available resources.
   - The decision to admit a student is made on a competitive basis considering the number of available seats as determined by the colleges and the applicant's final secondary school examination score.
4. **Language Proficiency**
   a. **Full Admission**
      i. **College where the medium of instruction is English language**

      Full admission to programs where the medium of instruction is English is given to applicants who have achieved a score of 1100 in EmSAT English language proficiency test or an equivalent English proficiency test approved by the Commission for Academic Accreditation (CAA), and a score of 600 EmSAT Arabic language proficiency test (except the EmSAT Arabic score is 800 for Bachelor of

Dental Surgery (BDS) and Bachelor of Pharmacy Programs).

International students who have not achieved the required EmSAT score in Arabic language will be fully admitted in their programs and register a maximum of 15 credit hours in addition to a non-credit Introduction to Arabic Language Course during the first semester. On passing this course by the end of the first semester, they will continue course registration for the second semester according to the approved study plans of their programs. Students who have not passed the non-credit Introduction to Arabic Language Course during the first semester must re-register in the course and successfully pass it by the end of the second semester at the University.

ii. College where the medium of instruction is Arabic language

Full admission to programs where the medium of instruction is Arabic is given to applicants with a score of at least 1000 EmSAT Arabic, in addition to a minimum score of 950 EmSAT Achieve English language proficiency test or an equivalent English proficiency test approved by the CAA.

Language proficiency scores are accepted only if they were obtained less than two years from the admission date. Institutional TOEFL score is considered only when the test is taken at an AMIDEAST center. USTF only accepts EmSAT Arabic scores provided by the Department of National and International Assessments in the Ministry of Education (MOE).

b. Conditional Admission

i. College where the medium of instruction is English language

Applicants who have achieved the EmSAT English language score required for their programs but have not achieved the required EmSAT Arabic language score will be conditionally accepted in their programs and allowed to register 12 credit hours, mostly of general education course, in the first semester. They must register in a non-credit EmSAT Arabic language preparatory course and sign an undertaking to achieve the EmSAT Arabic language score required for their programs during the first academic year of their study at the University to be fully admitted in their academic programs.

Students who achieve the EmSAT Arabic Language score during the first semester will remove the conditional acceptance, will be fully admitted in their programs, and will register courses according to the approved study plans for the programs. Students who have not achieved the EmSAT Arabic language score during the first semester will remain under probation, register a maximum of 9 credit hours, and must obtain the EmSAT Arabic Language score required for their programs by the end of the second semester.

Applicants who have not achieved the EmSAT English language score and achieved the EmSAT Arabic language score required for their programs will allowed to register 9 credit hours of general education courses in the first semester. They must register in a non-credit EmSAT English language preparatory course and sign an undertaking to register only general education courses and to achieve the EmSAT English language score required for their programs by the end of the first academic year of their study at the University to be fully admitted in their academic programs.

Students who achieve the EmSAT English Language score during the first

semester will remove the conditional acceptance, will be fully admitted in their programs, and will register courses according to the approved study plans for the programs. Students who have not achieved the EmSAT English Language score during the first semester will remain under probation, will register a maximum of 6 credit hours of general education courses, and must obtain the EmSAT English Language score required for their programs by the end of the second semester.

Applicants who have not achieved the EmSAT English language score and have not achieved the EmSAT Arabic language score required for their programs will be allowed to register 6 credit hours of general education course in the first semester. They must register in non-credit EmSAT English and Arabic languages preparatory courses and sign an undertaking to register only general education courses and to achieve the EmSAT English and Arabic Language scores required for their programs by the end of the first academic year of their study at the University to be fully admitted in their academic programs.

ii. College where the medium of instruction is Arabic language

Applicants who have achieved the EmSAT Arabic language score required for their programs (except the Bachelor of Arts in Public Relations and Advertising, for which the EmSAT English language score of 950 is an admission requirement) but have not achieved the required EmSAT English language score will be conditionally accepted in their programs will be allowed to register 15 credit hours, mostly of general education course, in the first semester. They must register in a non-credit EmSAT English language preparatory course and sign an undertaking to achieve the EmSAT English language score required for their programs by the end of the first academic year of their study at the University to be fully admitted in their academic programs.

Students who achieve the EmSAT English language score during the first semester will remove the conditional acceptance, will be fully admitted in their programs, and will register courses according to the approved study plans for the programs. Students who have not achieved the EmSAT English language score during the first semester will remain under probation, will register 9 credit hours of general education courses, and must obtain the EmSAT English Language score required for their programs by the end of the second semester.

Applicants who have not achieved the EmSAT Arabic language score and achieved the EmSAT Arabic language score required for their programs will be allowed to register 12 credit hours of general education course in the first semester. They must register in a non-credit EmSAT Arabic language preparatory course and sign an undertaking to achieve the EmSAT Arabic Language score required for their programs by the end of the first academic year of their study at the University to be fully admitted in their academic programs.

Students who achieve the EmSAT Arabic Language score during the first semester will remove the conditional acceptance, will be fully admitted in their programs, and will register courses according to the approved study plans for the programs. Students who have not achieved the EmSAT Arabic language score during the first semester will remain under probation, will register 9 credit hours of general education courses, and must obtain the EmSAT Arabic language score required for their programs by the end of the second semester.

Applicants who have not achieved the EmSAT English language score and have

not achieved the EmSAT Arabic language score required for their programs will be allowed to register 9 credit hours of general education course in the first semester. They must register in non-credit EmSAT English and Arabic languages preparatory courses and sign an undertaking to achieve the EmSAT English and Arabic language scores required for their programs by the end of the first academic year of their study at the University to be fully admitted in their academic programs.

5. **USTF Admission Exams**

In reforming the Bachelor of Dental Surger(BDS) and Bachelor of Pharmacy (BPharm) programs, the Ministry of Education (MOE), stated that the applicants for admission in these two programs have to achieve an EmSAT score of 900 in Mathematics or equivalent, plus scores of 900 in two of the three science subjects (Chemistry, Biology or Physics). Applicants who have already achieved the EmSAT scores in these subjects will be fully admitted in the BDS and BPharm programs.

In case the EmSAT scores in Mathematics and two science subjects are not available, the MOE indicated that candidates shall sit for equivalent Admission Exams designed by colleges of dentistry and pharmacy; including Chemistry, Biology, Physics, and Mathematics.

Therefore, the University has already prepared USTF Admission Exams, designed by the College of Dentistry and College of Pharmacy and Health Sciences, which cover the following basic science subjects: Chemistry, Biology, Physics, and Mathematics.

i. **College of Dentistry Admission Exam**

The exam covers Biology (40%), Physics (20%), Chemistry (20%), and Mathematics (20%). The exam includes 100 questions in MCQs format, following MOE EmSAT system in grading and timing, and there is an English version and an Arabic version of the exam.

Applicants who pass the College of Dentistry Admission Exam will be fully admitted to the BDS program and will register courses according to the new BDS study plan approved by the CAA.

Applicants who fail to pass the College of Dentistry Admission Exam will be allowed to register 9 credit hours of general education courses. They also have to sign an undertaking stating that they are going to register only general education courses and to fulfill the CAA admission requirements by the end of the first academic year of their study at the University to be fully admitted in the BDS program.

Students who pass the College of Dentistry Admission Exam at the beginning of the second semester will be fully admitted to the BDS program and will register courses according to the new BDS study plan approved by the CAA.

Students who fail to pass the College of Dentistry Admission Exam at the beginning of the second semester will remain under probation, will register 6 credit hours of general education courses, and must pass the College of Dentistry Admission Exam at the end of the second semester to be fully admitted in the BDS program. Otherwise, students will be required to change their academic program.

ii. **College of Pharmacy and Health Sciences Admission Exam**

The exam covers Chemistry (30%), Biology (30%), Mathematics (30%), and Physics (10%). The exam includes 100 questions in MCQs format, following MOE EmSAT system in grading and timing, and there is an English version and an Arabic version of the exam.

Applicants who pass the College of Pharmacy and Health Sciences Admission Exam will be fully admitted to the BPharm program in the College of Pharmacy and Health Sciences at USTF and will register courses, according to the new BPharm study plan approved by the CAA.

Applicants who fail to pass the College of Pharmacy and Health Sciences Admission Exam will be allowed to register 9 credit hours of general education courses. They also have to sign an undertaking stating that they are going to register only general education courses and to fulfill the CAA admission requirements by the end of the first academic year of their study at the University to be fully admitted in the BPharm program.

Students who pass the College of Pharmacy and Health Sciences Admission Exam at the beginning of the second semester will be fully admitted to the BPharm program and will register courses according to the new BPharm study plan approved by the CAA.

Students who fail to pass the College of Pharmacy and Health Sciences Admission Exam at the beginning of the second semester will continue under probation, will register 6 credit hours of general education courses, and must pass the College of Pharmacy and Health Sciences Admission Exam at the end of the second semester to be fully admitted in the BPharm program. Otherwise, students will be required to change their academic program.

6. USTF Admission Exam in Mathematics

With respect to Mathematics, applicants with an EmSAT score of 900 will be fully admitted to the Bachelor of Science in Electrical Engineering Program (Concentrations of Electronics and Communication and Power and Renewable Energy), BPharm and BDS Programs. Applicants with an EmSAT score of 800 will be fully admitted to the Bachelor of Law Program, and applicant with an EmSAT score of 600 in mathematics will be fully admitted to the Bachelor of Science in Management Program.

i. Colleges of Engineering and Technology

Applicants who have achieved the EmSAT score of 900 in Mathematics will be fully admitted to the Bachelor of Science in Electrical Engineering Program (Concentrations of Electronics and Communication and Power and Renewable Energy) at USTF. But, applicants who have not achieved the required EmSAT score in mathematics and would like to join the Bachelor of Science in Electrical Engineering Program have to sit for an USTF Admission Exam in Mathematics and achieve a score of 900.

Applicants who pass USTF Admission Exam in Mathmatics with the score required for Electrical Engineering Program will be conditionally admitted to the Program and will be allowed to register 15 credit hours, mostly of general education courses, in the first semester. They also have to sign an undertaking stating that they are giong to achieve the EmSAT score in Mathematis required for the Bachelor of Science in Electrical Engineering Program by the end of the first academic year of their study at the University to be fully admitted to the program.

Applicants who fail to pass USTF Admission Exam in Mathematics required for Electrical Engineering Program will be allowed to register 9 credit hours of general education courses in the first semester. Those applicants must register in a non-credit EmSAT Mathematics preparatory course, They also have to sign an undertaking stating that they are going to register only general education courses

and fulfill the EmSAT score in Mathematics required for their program by the end of the first academic year of their study at the University.

Students who achieve the EmSAT score in Mathematics required for the Bachelor of Science in Electrical Engineering Program during the first semester will remove the conditional acceptance, be fully admitted to the Program, and register courses according to the approved study plan for Bachelor of Science in Electrical Engineering Program.

Students who have not achieved the EmSAT score in Mathematics during the first semester will remain under probation, will register 6 credit hours of general education courses, and must obtain the EmSAT score in Mathematics required for the Bachelor of Science in Electrical Engineering Program by the end of the second semester.

Applicants who have not achieved the required EmSAT scores in English, Arabic and Mathemtics will be allowed to register only 3 credit hours of general education courses and must register in three non-credit preparatory courses in English, Arabic, and Mathematics in the first semester. They also have to sign an undertaking stating that they are going to achieve the required scores in English, Arabic and Mathematics by the end of the first academic year of their study at the University to be fully admitted in their academic program.

Students who fail to achieve the required EmSAT scores in English, Arabic and Mathematics required for their program by the end of the first semester will be allowed to register only 3 credit hours of general education courses, and must obtain the required EmSAT scores in English, Arabic, and Mathematics by the end of the second semester to be fully admitted in their academic program. Otherwise, students will be required to change their academic programs.

ii. Colleges of Business Administration

Applicants who have achieved the EmSAT Mathematics score of 600 will be fully admitted to the Bachelor of Science in Management Program at USTF. But, applicants who have not achieved the required EmSAT score in mathematics and would like to join the Bachelor of Science in Management Program have to sit for an USTF Admission Exam in Mathematics and achieve a score of 600.

Applicants who pass USTF Admission Exam in Mathmatics with the score required for the Bachelor of Science in Management Program will be conditionally admitted to the Program and will be allowed to register 15 credit hours, mostly of general education courses, in the first semester. They also have to sign an undertaking stating that they are going to achieve the EmSAT score in Mathematics required for the Bachelor of Science in Management Program before the end of the first academic year of their study at the University to join the program.

Applicants who fail to pass USTF Admission Exam in Mathematics required for the Bachelor of Science in Management Program will be allowed o register 9 credit hours of general education courses in the first semester at the University. Those applicants must register in a non-credit EmSAT Mathematics preparatory course and fulfill the EmSAT score in Mathematics required for their program by the end of the first academic year of their study at the University to join the program.

Students who achieve the EmSAT score in Mathematics required for the Bachelor of Science in Management Program during the first semester will remove the

conditional acceptance, be fully admitted to the Program, and register courses according to the approved study plan of the Program.

Students who have not achieved the EmSAT score in Mathematics during the first semester will remain under probation, will register 6 credit hours of general education courses, and must obtain the EmSAT score in Mathematics required for the Bachelor of Science in Management Program by the end of the second semester.

Applicants who have not achieved the required EmSAT scores in English, Arabic and Mathematics will be allowed to register only 3 credit hours of general education courses and must register in three non-credit preparatory courses in English, Arabic, and Mathematics in the first semester. They also have to sign an undertaking stating that they are going to achieve the required scores English, Arabic and Mathematics by the end of the first academic year of their study at the University to be fully admitted in their academic program.

Students who fail to achieve the required EmSAT scores in English, Arabic and Mathematics required for their program by the end of the first semester will be allowed to register only 3 credit hours of general education courses, and must obtain the required EmSAT scores in English, Arabic, and Mathematics by the end of the second semester to be fully admitted in their academic program. Otherwise, students will be required to change their academic program.

iii. Colleges of Law

Applicants who have achieved the EmSAT score of 800 in Mathematics will be fully admitted to the Bachelor of Law Program at USTF. But, applicants who have not achieved the required EmSAT score in Mathematics and would like to join the Bachelor of Law Program have to sit for an USTF Admission Exam in Mathematics and achieve a score of 800.

Applicants who pass USTF Admission Exam in Mathmatics with the score required for the Bachelor of Law Program will be conditionally admitted to the Program and will be allowed to register 15 credit hours, mostly of general education courses, in the first semester. They also have to sign an undertaking stating that they stating that they are gioing to achieve the EmSAT score in Mathematis required for the Bachelor of Law Program by the end of the first academic year of their study at the University to be fully admitted to the program.

Applicants who fail to pass USTF Admission Exam in Mathematics required for Bachelor of Law Program will be allowed to register 12 credit hours of general education courses in the first semester at the University. Those applicants must register in a non-credit EmSAT Mathematics preparatory course and obtain the EmSAT score in Mathematics required for the Bachelor of Law Program by the end of the first academic year of their study at the University to join the program.

Students who achieve the EmSAT score in Mathematics required for the Bachelor of Law Program during the first semester will remove the conditional acceptance, be fully admitted to the Bachelor of Law Program, and register courses according to the approved study plan for the Bachelor of Law Program.

Students who have not achieved the EmSAT score in Mathematics during the first semester will remain under probation, will register 9 credit hours of general education courses, and must obtain the EmSAT score in Mathematics required for the Bachelor of Law Program by the end of the second semester.

Applicants who have not achieved the required EmSAT scores in English, Arabic and Mathematics will be allowed to register only 6 credit hours of general education courses and must register in three non-credit preparatory courses in English, Arabic, and Mathematics in the first semester. They also have to sign an undertaking stating that they are going to achieve the required scores in English, Arabic and Mathematics by the end of the first academic year of their study at the University to be fully admitted in their academic program.

Students who fail to achieve the required EmSAT scores in English, Arabic and Mathematics required for their program by the end of the first semester will be allowed to register only 3 credit hours of general education courses, and must obtain the required EmSAT scores in English, Arabic, and Mathematics by the end of the second semester to be fully admitted in their academic program. Otherwise, students will be required to change their academic programs.

7. USTF Admission Exam in Physics

With respect to Physics, applicants with an EmSAT score of 900 will be fully admitted to the Bachelor of Science in Electrical Engineering Program (Concentrations of Electronics and Communication and Power and Renewable Energy), BDS and BPharm Programs.

i. Colleges of Engineering and Technology

Applicants who have achieved the EmSAT score of 900 in Physics will be fully admitted to the Bachelor of Science in Electrical Engineering Program (Concentrations of Electronics and Communication and Power and Renewable Energy) at USTF. But, applicants who have not achieved the required EmSAT score in Physics and would like to join the Bachelor of Science in Electrical Engineering Program have to sit for an USTF Admission Exam in Physics and achieve a score of 900.

Applicants who pass USTF Admission Exam in Physics with the score required for the Bachelor of Science in Electrical Engineering Program will be conditionally admitted to the Program and will be allowed to register 15 credit hours, mostly of general education courses in the first semester. They also have to sign an undertaking stating that they are going to achieve the EmSAT in Physics required for the Bachelor of Science in Electrical Engineering Program before the end of the first academic year of their study at the University to be fully admitted in their academic programs.

Applicants who fail to pass USTF Admission Exam in Physics required for Bachelor of Science in Electrical Engineering Program will be allowed to register 9 credit hours of general education courses in the first semester at the University. Those applicants must register in a non-credit EmSAT Physics preparatory course and fulfill the EmSAT score in Physics required for their program by the end of the first academic year of their study at the University to join the Bachelor of Science in Electrical Engineering Program.

Students who achieve the EmSAT score in Physics required for the the Bachelor of Science in Electrical Engineering Program during the first semester will remove the conditional acceptance, be fully admitted to the Program, and register courses according to the approved study plan for the Program.

Students who have not achieved the EmSAT score in Physics during the first semester will remain under probation, register 6 credit hours of general educatio courses, and must obtain the EmSAT score in Physics required for the Bachelor of Science in Electrical Engineering Program by the end of the second semester.

Applicants who have not achieved the required EmSAT scores in English, Arabic, Mathematics, and Physics will be allowed to register only 3 credit hours of general education courses and must register in four non-credit preparatory courses in English, Arabic, Mathematics, and Physics in the first semester. They also have to sign an undertaking stating that they are going to achieve the required scores English, Arabic, Mathematics, and Physics by the end of the first academic year of their study at the University to be fully admitted in their academic program.

Students who fail to achieved the required EmSAT scores in English, Arabic Mathematics, and Physics required for their program by the end of the first semester will be allowed to register only 3 credit hours of general education courses, and must obtain the required EmSAT scores in English, Arabic, Mathematics, and Physics by the end of the second semester to be fully admitted in their academic program. Otherwise, students will be required to change their academic programs.

8. Other Conditional Admission Cases

a. Graduates of High School Science and Literary Sections

Applicants holding high school certificates of the science and literary sections with score of 60% and have achieved scores of 950 EmSAT English or equivalent and 1000 EmSAT Arabic can be fully admitted in the following academic programs:

- Bachelor of Arts in Psychology.
- Bachelor of Arts in Sociology and Social Work.
- Bachelor of Arts in Mass Communication/Public Relations and Advertising.

of those applicants who have not achieved the required EmSAT score in English, Arabic or both can be conditionally accepted in the General Education Program accoring to the terms and conditions described in detail in Clause 4.b (ii) of this policy.

b. Old High School Graduates

According to the CAA of the MOE, old High School graduates who have passed high school with less than 60%, do not need to repeat high school, and can join USTF subject to the following conditions:

- Scores of 950 EmSAT English, 1000 EmSAT Arabic, and 500 EmSAT Math for enrollment in the following programs offered in Arabic:
  - Bachelor of Arts in Psychology
  - Bachelor of Arts in Sociology and Social Work
  - Bachelor of Arts in Mass Communication/Public Relations and Advertising
- If the students did not achieve the above EmSAT scores, they can register general education courses (bridging courses) in USTF in Math, English, and Arabic. They do not officially belong to any program at this stage and once they achieve the required EmSAT scores they can join the above three programs regardless of high school grades as long as they have passed high school.
- The above conditions are not applied to majors/programs for which specific Ministerial Decrees were issued on admission criteria (Medicine, Pharmacy, Dentistry, Law, Engineering, Business, and Education).

9. Admission of Applicants with Diploma Certificates

Applicants holding Diploma Certificates can be admitted to USTF subject to fulfillment of the following requirements:

- Holding UAE High School Certificate or its equivalent.

- Students admitted to the College of Business Administration, College of Law, and College of Engineering and Technology must have an overall merit of Good or higher.
- Students have to fulfill all the admission requirements of the program they would like to join as mentioned in detail in the ***Appendix***.
- Students have to testify, in writing, that they are going to obtain eqivalency certificates for the courses they have studied before joining USTF. These courses will not be uploaded on USTF eMada System until fulfillment of all the admission requirements of the program they would like to join as mentioned in detail in the ***Appendix***.

10. Admission for Transfer Students (Undergraduate Programs)

- Students transferring from other accredited universities must comply with the following requirements:
  - Transfer is permitted to a similar program as the one studied previously only if the following conditions are satisfied:
    - They have a CGPA of at least 2.0 out of 4 or equivalent.
    - They should not have been the subject of disciplinary dismissal.
    - They meet the English Language Proficiency requirement, if applicable.
  - Transfer is permitted to a different program to the one studied previously only if the following conditions are satisfied:
    - They should not have been the subject of disciplinary dismissal.
    - They meet the proficiency requirements in English, Arabic, and other subjects as determined by their respective academic programs and colleges.

11. Re-admission of Former Students

- Students, whose studies have been interrupted for any reason for more than one year, will have to re-apply for admission. To be eligible for re-admission, the applicant must meet the following criteria:
  - The applicant can only be admitted to the same program he/she was enrolled in if it is still being offered by the University.
  - The applicant was not subject to academic or behavioral dismissal from the University.
  - The applicant was not in unsatisfactory standing with the University.
  - The applicant must satisfy the admission requirements in effect at the time of readmission.
  - The applicant's previous fees, charges and dues owed to the University have been paid.
  - Seats for the program the applicant wants to join are available.

12. Documents Required for Admission

- Application form, which may be obtained from the Office of Admission and Registration, to be filled in by the applicant
- UAE Secondary School Certificate, or its equivalent, and grade transcript.
- Certified copies are acceptable
- Photocopy of valid passport
- Photocopy of a valid Identity Card (for UAE residents)
- Health certificate, issued by a university doctor
- Certificate of good conduct, issued by an official body
- Six passport-size photographs with the applicant's full name on the back of each
- A written commitment signed by the applicant that he/she will observe university rules and regulations
- If available, a certificate of proficiency in English language, e. g. TOEFL with a

minimum score of 500, or IELTS (Academic) with a score of at least 5, EmSAT 1100. Institutional TOEFL score is considered only if the test was taken at USTF.

13. Equivalency of Documents

- Newly admitted students are requested to have their documents certified before the end of the first semester of study, otherwise their registration will be cancelled.
  - High-school certificates obtained in the UAE must be certificated by the UAE Ministry of Education.
  - High-school certificates obtained abroad must be certificated by the Ministry of Education, and by either the Ministry of Foreign Affairs of the country of origin and the UAE embassy in that country, or by the embassy of the country which issued the certificate, and by the UAE Ministry of Foreign Affairs. In addition, an equivalency letter of the high school certificate must be obtained from the Ministry of Education in the UAE.

14. Admissions and Registration Fees

- Applications will be processed by the Office of Admissions and Registration only after payment of the non-refundable application and registration fees.
- Students admitted to certain programs are required to pay a seat reservation deposit. These programs are those of: Bachelor of Dental Surgery, Bachelor of Pharmacy, B.Sc. in Architecture, and Bachelor of Interior Design.
- The deposit should be paid before the end of the deadline mentioned in the offer letter.
- Failure to pay the deposit will result in the offer being withdrawn.
- This deposit is deductible from the student's fee for the semester for which admission was given.
- The finance department sets the fees and deposit amounts.

Glossary of Terms

College

An administrative unit within the University, comprising of one or more departments, to offer undergraduate and graduate programs, such as College of Dentistry or College of Engineering and Technology. Each college has a Dean to oversee the operation of the college.

Undergraduate Student

A student enrolled in a bachelor's degree or studying undergraduate courses.

Bachelor's degree

The Bachelor's degree is awarded after completing an undergraduate program of study typically completed in four to five years of full-time study, with a minimum of 120 semester credits. The most common undergraduate degrees are Bachelor of Art (BA) and Bachelor of Science (BSc).

Course

A course consists of a number of instructional activities over a prescribed period of time. It deals with a single subject and is commonly described by title, number, credits and expected learning outcomes.

Program

The set of courses and other formally established learning experiences which together lead to a qualification. Program may also refer to a specific aspect of the curriculum, such as the General Education Program.

Curriculum

The term refers both to the range of courses offered by the University and to a set of related courses constituting an area of specialization, such as the electrical engineering curriculum.

Course Syllabus

A description of course goals, learning outcomes, contents, assessment instruments and grading criteria, week-by-week study plan, and examination dates that is provided to the students at the beginning of their classes.

Credit or Credit Hour

A credit, or credit hour, is a unit of measurement defining the student's overall effort towards attaining a qualification. One semester credit or one credit hour equals approximately 1 hour of time in class per week over a semester of 15 weeks. For laboratory, 1 semester credit normally is given for two hours of laboratory time per week over a 15-week semester.

Study Load

The total number of credit hours a student can register during a specific semester. The number of these hours vary between 9 and 18 during fall and spring semester and 3 to 6 credit hours during the summer semester. Graduating studebts can register 3 more credit hours for the graduation purpose.

Semester

A semester is a period of time, typically a minimum of 15 weeks, during which the University offers courses. Some courses may be offered, during a shorter period of time, such as summer semester, which nonetheless offers class contact time and out-of-class assignments equivalent to a course offered during the fall or the spring semester. USTF offers courses in fall and spring semesters and optionally in summer semester.

Academic Calendar

The USTF academic calender represents important semester-specific dates and deadlines for students, academic and administrative departments, and instructors.

Academic Year

The period of instruction composed of the fall, spring, and summer semesters. The academic year begins at the start of the fall semester and ends after the last day of the summer semester.

Add and Drop Period

The week after the registration week during which the University allow students to add or drop one or more of their registered courses in a specific semester, without financial or academic consequences.

Academic Advisor

A faculty member who advises students on their study plan and course selection, monitors their academic progress, assists in their career planning, and guides in other academic and non-academic matters.

Academic Warning

An undergraduate student is issued an academic warning if his/her CGPA falls below 2 at the end of a semester. Such a student is said to be not in good academic standing. If this also happens at the end of another semester, the student is issued second academic warning.

Academic Dismissal

If a student on academic (with two academic warnings) fails to raise his/her cumulative GPA (CGPA) at the end of the next semester, the student is academically dismissed from the University. A student can be dismissed if exceed the completion period of hir degree without fulfilling all the graduation requirements.

In-Progress (IP)

A grade indicating that a course is still in progress and will be completed at a later date.

Conditional Admission

A student may be give conditional admission requiring him/her to successfully complete some specified coursework and/or fulfill other requirements in order to progress into the full set of courses within an academic program.

Learning Outcomes

Refers to knowledge, skills, and aspects of competence that a student is expected to know and be able to do at each level of qualification.

Credit Transfer

A system whereby successfully completed unit of study contributing towards a degree can be transferred from one program to another within USTF or from another university to USTF.

Pre-requisite

A course or courses that serve as foundations for continued (advanced) courses. A student must successfully pass a pre-requisite course before taking a course for which it is a pre-requisite.

Electives

Courses which are not compulsory for students. Electives may be free-selected by the student from any course offerings, or restricted-chosen from a pre-determined list of options.

Developmental or Remedial Courses

Such courses prepare a student for enrolling in a regular curriculum, and aid the student in rectifying an area or areas of deficiency. Developmental or remedial courses are non-credit courses and do not count toward the requirements of an academic qualification. The University limits the number of credit-bearing courses that a student may take while enrolled in developmental or remedial courses.

Bridge Program

A program intended to bridge the gap between a student's prior work and the background required for the program he/she is entering. Typically, such a program would be needed by students entering graduate business education where the student's undergraduate major was in an area other than business, or graduate engineering programs where the student's major was in a different engineering specialty. The courses in a bridge program typically do not carry degree credit. The University may choose to require enrollment in bridge programs as a condition of admission.

Directed Study/Independent Study

A course in which a student is individually supervised by a faculty member, which enables a student to undertake a learning opportunity which is otherwise unavailable. Directed learning or independent study courses must have an appropriate learning plan (typically a syllabus), learning outcomes, end of term evaluations and appropriate assessment.

USTF Contact Information

Tel: 00971-9-2222644
Fax: 00971-9-2227644
www.ustf.ac.ae
E-mail: info@ustf.ac.ae
P. O. Box 2202 - Fujairah - United Arab Emirates