ALGHURAIR UNIVERSITY

UNDERGRADUATE CATALOG

ACADEMIC YEAR

2019-20

September 2019

Message from the President

It gives me a great pleasure to present the Undergraduate Catalog of the University for the current academic year.

The catalog provides a perspective into the vision, mission, and goals of ALGHURAIR UNIVERSITY and gives insight on its academic programs, degree requirements and various services offered by the University to students at undergraduate level. As we move into a new era of growth, we reaffirm our commitment in providing international quality education to our students. The university is not only focusing on quality assurance by improving academic programs, updating courses and curricula to provide the necessary knowledge and skills to our students, but also, we pay particular attention to the students' all-round development to ensure their evolvement into caring human beings and responsible leaders of tomorrow.

The University is also planning to offer a wider range of undergraduate programs in fields with growing demand in concurrence with the market development and need for talented professionals with expertise and know how in new emerging areas. AGU is also in the process of collaborating with foreign universities whereby our students will be able to pursue their studies at international level through credit transfers.

AGU is committed to provide and maintain high quality infrastructure and support services. To fulfill this commitment, the University offers such services to students, faculty, staff, and community through a network of departments and units namely Admissions and Registration, Student Recruitment, Student Services, Library, IT, Career Planning and Placement Services, and Continuing Education, Training, and Consultancy.

AGU shall continue to strive to maintain the highest levels of harmonious unity in this culture of diversity and work together to achieve the goals and objectives of the University. AGU reflects the diversity of the cosmopolitan social and cultural environment of UAE. In the past few years we have added to the diversity of our members, and our student base has expanded substantially. Our faculty, students and staff represent several different nationalities and cultural backgrounds. We shall continue to strive to maintain the highest levels of harmonious unity in this culture of diversity and work together to achieve the goals and objectives of the University.

I encourage our current and prospective students to refer to the Catalog for detailed information on the university services, policies and any other relevant areas.

Dr. Basem Alzahabi, Ph.D.
President

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# 1.	AGU Administration

No.	Name and Designation	Email Address/Contact Number	Office Location
1.	**Dr. Basem Alzahabi** President	E-Mail: alzahabi@agu.ac.ae Ext. 201	President's Office, First Floor
2.	**Dr. Zafar Alam** Acting Vice President for Administration and Finance	E-Mail: zafar@agu.ac.ae Ext. 208	Finance and Administration First Floor
3.	**Dr. Naseer Ahmed** Vice President, Institutional Effectiveness, Planning and Compliance	E-Mail: naseer@agu.ac.ae Ext. 291	IEPC Office, Ground Floor
4.	**Dr. Gerry Muuka** Dean, College of Business	E-Mail: nmuuka@agu.ac.ae Ext. 312	COB, Second Floor
5.	**Dr. Mojtaba Moatamedi** Dean, College of Engineering and Computing	Email: moji@agu.ac.ae Ext. 341	CEC, First Floor
6.	**Dr. Wael Aly Abdelgayed Rashdan** Acting Dean, College of Architecture and Design	E-Mail**:** wael@agu.ac.ae Ext. 406	College of Design, Second Floor
7.	**Dr. Habis Fawara** Dean, College of Law	E-mail: habis.fawara@agu.ac.ae Ext. 465	College of Law, Second Floor
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9.	**Dr. Kahtan Aziz** Head, EEE Deptt.	Email: kahtan@agu.ac.ae Ext. 344	CEC, First Floor
10.	**Dr. M. Anwar** Head, Computer Engg. Deptt/Acting Director IT	Email: anwar@agu.ac.ae Ext. 345/431	CEC First Floor/ IT Department, Ground Floor
11.	**Dr. Rajesh Kanna** Head, Mech. Engg. Deptt.	Email: r.kanna@agu.ac.ae Ext. 361	CEC, First Floor
12.	**Dr. Yaseen Al Maqtari** Head, Department of Education	Email: y.almaqtari@agu.ac.ae Ext. 419	Department of Education, Second Floor
13.	**Dr. Marwa Said** Head, Department of Mass Communication	Email: m.saeed@agu.ac.ae Ext. 471	Department of Mass Communication, First Floor
14.	**Dr. Shadi Hijazi** Head, Deptt. of General Studies	E-Mail: hijazi@agu.ac.ae Ext. 421	General Studies, Second Floor
15.	**Mr. Riad Al Tawaissi** Director Student Services	E-Mail: riad@agu.ac.ae Ext. 450	Student Services Ground Floor
16.	**Ms. Rania Hafiz** Registrar	E-Mail: rania.hafiz@agu.ac.ae Ext. 255	Registration Office, Ground Floor
17.	**Dr. Sophia Johnson** Librarian	E-Mail: sjohnson@agu.ac.ae Ext. 271	Library, Second Floor
18.	**Ms. Veena Shailaja** Marketing and Student Recruitment Manager	E-Mail: v.shailaja@agu.ac.ae Ext. 241	Admission Office Ground Floor
19.	**Ms. Alina Mustapha** Manager, Human Resources	alina.mustapha@agu.ac.ae Ext: 226	HR Office Ground Floor

2.   Academic Calendar (2019-20)

Sem	Week	Month	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Dates and Events
		Aug	25	26	27	28	29	30	31	Aug 25, Return of the faculty; Aug 31, Orientation and registration for new students
Fall 2019	1	Sep	1	2	3	4	5	6	7	Sep 1, Classes begin
	2		8	9	10	11	12	13	14	Sep 8, Last day for add and drop
	3		15	16	17	18	19	20	21	Sep 15, Last day for drop only / (Last day for new admission in Fall 19-20)
	4		22	23	24	25	26	27	28	
	5	Oct	29	30	1	2	3	4	5	
	6		6	7	8	9	10	11	12	
	7		13	14	15	16	17	18	19	
	8		20	21	22	23	24	25	26	
	9	Nov	27	28	29	30	31	1	2	
	10		3	4	5	6	7	8	9	
	11		10	11	12	13	14	15	16	Nov 10, Last day for withdrawal without grade "F"
	12		17	18	19	20	21	22	23	Nov 22-14 Dec, Early Registration for students returning in Winter 19-20
	13		24	25	26	27	28	29	30	Nov 24-28, Student feedback survey
	14	Dec	1	2	3	4	5	6	7	Dec 1-5, In class review week
	15		8	9	10	11	12	13	14	Dec 5-14, Semester-end exam period
			15	16	17	18	19	20	21	Dec 15-Jan 4, WINTER BREAK, Dec 18, Declaration of semester-end exam results
			22	23	24	25	26	27	28	
		Jan	29	30	31	1	2	3	4	Jan 4, Orientation and registration for new students
Winter 2020	1		5	6	7	8	9	10	11	Jan 5, Classes begin
	2		12	13	14	15	16	17	18	Jan 12, Last day for add and drop
	3		19	20	21	22	23	24	25	Jan 19, Last day for drop only /(Last day for new admission in Winter 19-20)
	4	Feb	26	27	28	29	30	31	1	
	5		2	3	4	5	6	7	8	
	6		9	10	11	12	13	14	15	
	7		16	17	18	19	20	21	22	
	8		23	24	25	26	27	28	29	
	9	Mar	1	2	3	4	5	6	7	
	10		8	9	10	11	12	13	14	
	11		15	16	17	18	19	20	21	Mar 15, Last day for withdrawal without grade "F"
			22	23	24	25	26	27	28	Mar 22-Apr 4, SPRING BREAK
		Apr	29	30	31	1	2	3	4	
	12		5	6	7	8	9	10	11	Apr 5, Early registration for students returning in Fall 20-21
	13		12	13	14	15	16	17	18	Apr 12-16, Student feedback survey
	14		19	20	21	22	23	24	25	Apr 19-23, In class review week
	15	May	26	27	28	29	30	1	2	Apr 23-May 2, Semester-end exam period
			3	4	5	6	7	8	9	May 6, Declaration of semester-end exam results
Summer 2020	1		10	11	12	13	14	15	16	May 10, Classes begin
	2		17	18	19	20	21	22	23	May 17, Last day for add and drop.
	3		24	25	26	27	28	29	30	May 25, Last day for drop only (May 25,26) Eid Al-Fitr
	4	Jun	31	1	2	3	4	5	6	2 Jun, Early registration closes for students returning in Fall 20-21
	5		7	8	9	10	11	12	13	
	6		14	15	16	17	18	19	20	June 14, Faculty leave starts
	7		21	22	23	24	25	26	27	Jun 21, Last day for withdrawal without grade "F"; Jun 21-25, Student feedback survey
	8	Jul	28	29	30	1	2	3	4	
	9		5	6	7	8	9	10	11	July 6-11, Semester-end exam period
			12	13	14	15	16	17	18	Jul 15, Declaration of semester-end exam results
			19	20	21	22	23	24	25	
		Aug	26	27	28	29	30	31	1	July30 Arafat Day (July 31-Aug 2 Eid Al-Adha)
			2	3	4	5	6	7	8	
			9	10	11	12	13	14	15	
			16	17	18	19	20	21	22	Aug 20 Islamic New Year
			23	24	25	26	27	28	29	Aug 23, Return of the faculty

Color Key

Add and drop	
Classes begin	
Last day for withdrawal without grade "F"	
Semester-end exam period	
Declaration of semester-end exam results	
No classes	

Note: All public holidays will be announced by the Office of the President of AGU as per the UAE government regulations. Holidays for faculty and staff will be announced separately.

3.   The University

3.1   Brief History

ALGHURAIR UNIVERSITY (AGU) is a private higher educational institution founded in 1999 by the well-known Al Ghurair Group for the purpose of serving the national and regional community through equipping the young generation with the necessary knowledge and skills to participate in the development and productivity of the community. The University is accredited and licensed by the Ministry of Education (MOE), UAE to provide higher education in UAE by offering academic programs. AGU is located in Dubai International Academic City and features a 275,000 square feet built facility equipped with state of the art computer labs, spacious classrooms with audio-visual equipment, convenience store, cafeteria and a wide range of indoor and outdoor recreational facilities.

The academic programs offered at AGU are developed on the principles of American System of education and are accredited by MOE, UAE. The basic strengths of AGU's system, as incorporated in its philosophies and policies, are as follows:

(a)   **Commitment to excellence and continuous improvement of all its programs and services** – AGU views continuous improvement as an important strategy to achieve a high level of administrative and operational efficiency, and satisfaction of all its stakeholders.

(b)   **Commitment to a student-centered system of education** – A student-centered learning system results in educational processes that motivate students to learn and realize their career aspirations and unleash their full potential. It also incorporates a transparent feedback mechanism that ensures students are fully aware of their progress, strengths, and weaknesses.

(c)   **Flexible, modular, and convenient program structure** – The flexible program structure allows students to plan and schedule their academic load to suit their personal circumstances and careers.

(d)   **Commitment to diversity** – AGU offers equal opportunities to all students and staff regardless of their racial, ethnic, cultural, linguistic or religious backgrounds. AGU believes that the more comprehensive and diverse its student body and employees is, the more students will benefit from a richer cultural and global experience.

(e)   **Close Engagement and feedback from the stakeholders**, e**specially business and industry, in the design and delivery of AGU's education programs** – The University, through such mechanisms as advisory boards, employer surveys, internships and student projects, ensures that programs remain concurrent with market needs and emerging fields.

(f)   **Respect for the national culture and values of UAE** – AGU is actively involved in promoting cultural understanding among students and faculty members through several social and cultural activities, including the UAE National Day celebrations, Global Day where students from different backgrounds display and share national foods, costumes, and cultures.

3.2   Vision, Mission and Goals

Vision

ALGHURAIR UNIVERSITY's aim is to become a leading learner-centered private university in the GCC with international recognition for high quality education and services.

Mission

AGU is committed to serve the educational needs of the community by sustaining quality educational experience for students, engaging in outreach activities, and contributing to knowledge building through inquiry and applied research. The educational programs of the University are aimed at developing students' intellectual, critical thinking, practical skills and creative abilities to enhance learning capability and employability of graduates.

Goals to Support the Mission of the University:

1. Offer high quality academic programs that meet the students' demand and needs of the UAE labor market and prepare students to achieve success in their careers and life.
2. Develop and implement a comprehensive enrollment management strategy to attract, admit, retain and prepare quality students to achieve academic excellence.
3. Recruit, develop and retain competent and academically, culturally and professionally diverse faculty and staff.
4. Foster outreach programs and community engagement activities.
5. Achieve greater effectiveness, efficiency and viability of university operation and resources.
6. Establish partnerships and collaborations with professional and international academic associations and institutions.

3.3   Institutional Licensure and Program Accreditation

The ALGHURAIR UNIVERSITY, located in the Emirate of Dubai is officially licensed from 8th September, 2014 to 30th June, 2019 by the Ministry of Education of the United Arab Emirates to award degrees/qualifications in higher education.

3.4 Organizational Chart
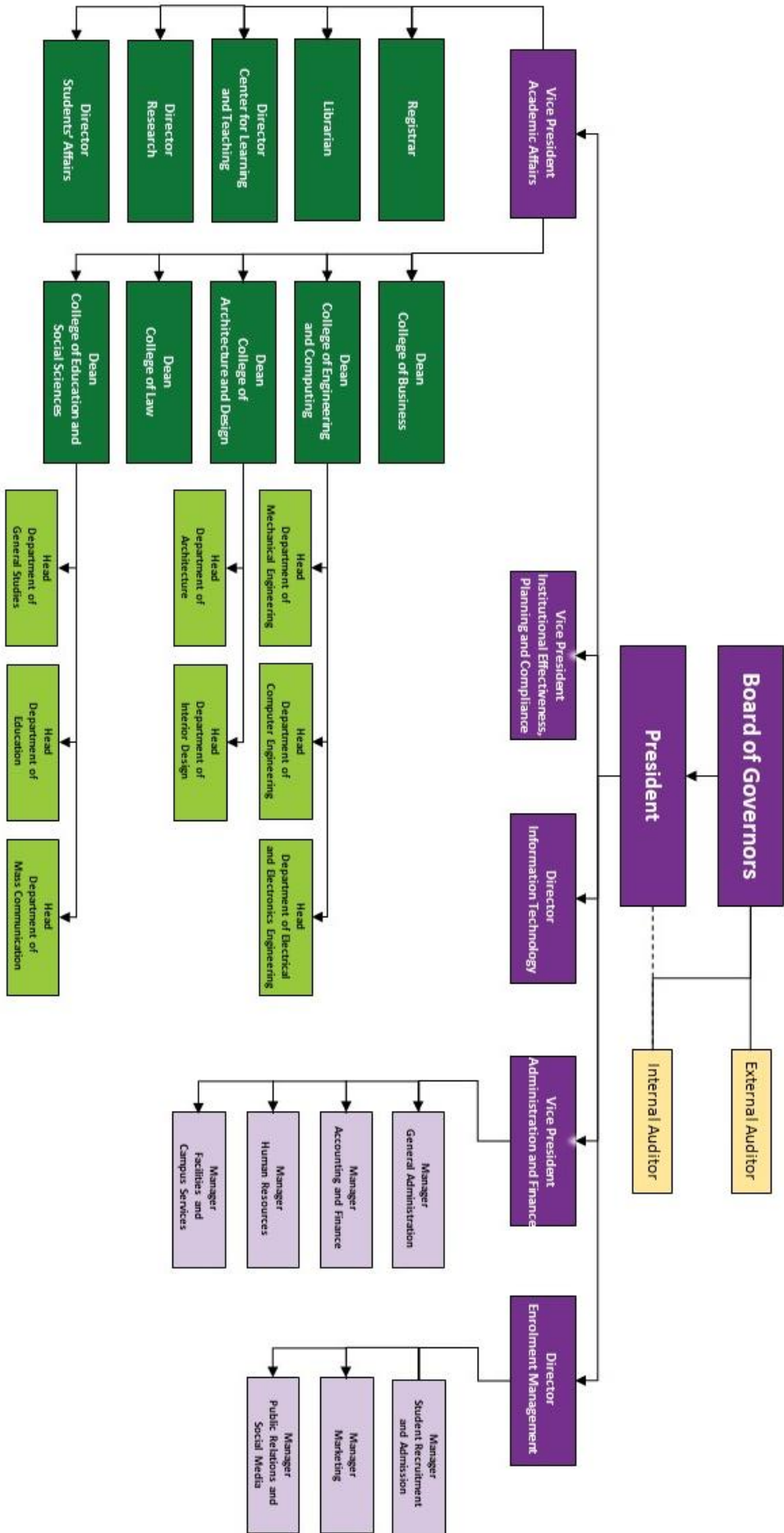
3.5 Learning Resources and Physical Settings

3.5.1 Library

AGU boasts a well sourced Library with a wide range of instructional and research material for the benefit of all faculty, staff and students. In recent years, AGU has taken several concrete steps to improve the library services in terms of number of books, IT resources, and physical facilities. AGU library and the learning resource center have been allocated a space of 1,200 square meters that can accommodate more than 200 students at a time. The library also features male and female segregated group study areas for students to discuss privately their projects and assignments in groups. The library is well equipped with essential IT services and facilities for students including; WiFi, desktop computers and photocopying services. Please refer to the Student Handbook for further information on the library policies, procedures, support services and learning resources.

Currently the library possesses 12,423 volumes of books, periodicals and audiovisual material. The electronic resources comprise of a database of e-books, e- articles and e-reference materials. The Library has an adequate number of reading rooms, group study areas, computer stations with internet connections, WiFi, photocopying and printing facilities. The library is managed by qualified full-time staff members and is open Sunday to Thursday from 08:00 to 21:00 and on Friday and Saturday from 10:00 to 17:00.

The library provides a number of services to support academic units and programs of the university as under:

1. *Reference service:* Ready reference service is available to all users with queries answered, and research assistance provided.
2. Reprographic *service:* Reprographic services are extended to students with photocopying and printing facilities. Use of valid ID card is mandatory.
3. *Inter-library loan service:* Inter-library loan service is provided for a wider access of information.
4. *Computer and internet access service:* Library provides modern computer facilities with access to internet and WiFi.
5. *Borrowing* facility: The faculty, staff and the students are eligible to borrow books and other materials from the library.
6. *Database* search*:* Access to electronic version of books, journal articles, and reference tools is provided through various databases.

The library resources are described as under:

(a) Print Resources
Print Books: The library has a total collection of 12423 volumes. Subject-wise distribution of books is as follows:

Subject	Volumes
Business and Management Studies	3356
Computing	2065
Engineering	590
Applied Sciences	830
Languages, and Humanities	1130
Art and Architecture	660
General Education	1254
Arabic books	2538
Total	**12423**

Print Journals: Library subscribes three (03) print journals for Business Management and six (06) for Interior Design programs.

(b)   Electronic Resources
AGU provides access to the following databases:
  i.   e-books database:
  ii. e-journals database:
  iii. 'ACM digital library'
  iv. 'Art and Architecture'
  v.   'ProQuest Technology Collection'

(c)   Library Software
The library operates with Library Software, OLIB7, where all library transactions take place. Access to OPAC search (Online Public Access Catalog) is through the AGU website, under the Library Catalogue section.

(d)   Inter- Library Loans
Library has Inter-library loan (ILL) system with Zayed University- Dubai.

3.5.2   Information Technology

The IT unit always strives hard to provide the required infrastructure and services to faculty, staff, and student community. All computer laboratories are equipped with high-end computers, servers, printers, scanners and plotters. The software required for courses of each academic program are available. The IT unit provides effective communication network to the students, faculty and staff with facilities of internet and email. The AGU community has access to the university learning resources including Blackboard and other web applications such as online registration, schedules, webmail, etc. The IT Department provides IT services through the provision of PCs, laptops, high end service and network components, projectors, printers, software etc. The IT software are regularly updated to meet the need of the current changing IT environment.

3.5.3   Physical Facility

The university has a three million square foot plot, with phase one as the current building constructed over a 275,000 square foot area. The facility includes the below:

(a)   Offices
The list of offices for administration, faculty and staff is given as below:

Ground Floor
  1. Reception
  2. Vice President for Enrolment Management and Student Services
  3. Student Recruitment, Marketing and Admissions
  4. Registration
  5. Finance
  6. Assistant General Manager, Finance and Accounts
  7. Director IT Department
  8. Human Resource and Administration
  9. Facility Manager
  10. Vice President for Institutional Effectiveness, Planning and Compliance
  11. Student Services
  12. Career Planning and Placement Services

First Floor
  1. The President's Office
  2. Vice President for Academic Affairs
  3. Acting Vice President for Administration and Finance
  4. Dean, faculty and staff - College of Engineering and Computing
  5. Dean, faculty and staff - College of Law

6. Dean, faculty and staff - College of Education and Social Science
7. Continuing Education, Training and Consultancy
8. Director of Health & Safety offices

Second Floor
1. Dean, faculty and staff - College of Business
2. Dean, faculty and staff - College of Architecture and Design
3. Dean, faculty and staff - College of Law
4. Library

(b)   Class Rooms: 32
The details of the class rooms are given below:
6 with a capacity of 40 seats
7 with a capacity of 50 seats
11 with a capacity of 60 seats
1 with a capacity of 70 seats
7 with a capacity 8 seats all fully equipped with whiteboards and projectors
Some classrooms are also equipped with smart boards
1 Mock up Court - College of Law
Smart board equipped classrooms
Mock Court - College of Law

(c)   Labs

Ground Floor
1. Electric Machines Lab
2. Automatic Control and Power Electronics Lab
3. Electrical Circuits Lab
4. Measurement Lab
5. Communications Lab
6. Engineering Workshop
7. English Language Lab

First Floor
1. General IT Lab I
2. General IT Lab II
3. Physics Lab
4. CEC Projects Lab
5. Biology Lab
6. Chemistry Lab
7. English Lab

Second Floor
1. Electronics Lab
2. Research and Simulation Lab
3. Computer Network Lab
4. Computer Hardware Lab
5. College of Engineering & Computing IT Lab/ General IT Lab III
6. College of Engineering& Computing / CAD Lab
7. Interior Design CAD Lab
8. Interior Design Studio-I
9. Interior Design Studio-II
10. Interior Design Studio-III
11. Interior Design Studio-IV
12. English Lab

(d)   Other Facilities

Ground Floor
1. Gents Prayer Room
2. Server Room
3. Auditorium
4. Boys Activity Room and Gymnasium
5. Girls Activity Room

First Floor
6. Ladies Prayer Room
7. Food Court (Separate seating area for Ladies available)

Second Floor
8. Meeting Rooms (Faculty)
9. Faculty Lounge

(e)   Transportation
1. 1 x 24 Seat Bus
2. 3 x 26 Seat Buses
3. 6 x 15 Seat Vans
4. 3 Cars

4.   Admission Requirement and Procedures

The abbreviations and their definitions used in this section are as under:

AAC	Academic Affairs Committee
AGU	ALGHURAIR UNIVERSITY
CAA	Commission for Academic Accreditation
EmSAT Achieve-English	UAE Standard Test accredited as a major test of proficiency in English
EPP	English Preparatory Program
CGPA	Cumulative Grade Point Average
IELTS	International English Language Testing System
MOE	Ministry of Education
TOEFL	Test of English as a Foreign Language
UAE	United Arab Emirates

This document describes the salient features of the admission policy for academic programs offered by the ALGHURAIR UNIVERSITY. The Academic Affairs Committee (AAC) is the key authority to recommend any changes to the admission policies to the approving authority.

4.1   Admission Policy

The University welcomes students from different backgrounds and nationalities from all over the world and offer places to students who meet the university's published entry requirements as well as transfer students from other universities. Admissions to programs are offered on a first come first serve basis and are subject to the availability. Admission dates are published in the admission calendar but usually the 2 main intakes are the Fall and Winter semesters. AGU also accepts a few students for its summer semester.

Interested students who meet the university's published entry requirements should fill in and submit the university's application either online via the AGU website or visit the AGU admission & student recruitment office, all applications need to be complete and the students should provide all supportive documents (as stated on the AGU website) and photos to avoid any delays in processing the application forms.

The application form of each candidate is examined thoroughly and admission is usually offered after all admission requirements are met and the supporting documents are received. If the applicant is offered admission into the program he/she has applied for, it will be valid for the semester that he/she applied to join. Students however may choose to defer the joining date of the program which is also possible provided that the deferral does not exceed one semester and is approved by the relevant bodies within the University.

Students seeking admission into any of AGU's academic programs must meet the general requirements of the university and the specific requirements of each program as specified by the respective college. The criteria and the basic requirements for admission to the university shall be evaluated and assessed annually to meet the local/international requirements. Generally, the number of students admitted in each semester depends on the available resources.

A non-refundable application fee of 300 AED is charged when students apply for admission to any of AGU's undergraduate programs. The student can apply for admission to an undergraduate program at any point of time and he/she will be offered a place upon opening admission for the first intake available if the student meets the entry requirements of the program applied for.

4.2 Undergraduate Admission

4.2.1 General Admission Requirements

Applicants seeking admission to the undergraduate programs of the university should possess UAE General Secondary School Certificate from a school following the academic system of the Ministry of Education (General or Advanced Track) or the Abu Dhabi Education Council system or equivalent educational level recognized by MOE, UAE with a minimum average high school score of 70% or equivalent.

The general and specific requirements for admission to the university as well as for a particular program are given in the following Tables (1) and (2).

Table 1: General Academic Requirements for Undergraduate Admission

The minimum admission requirements for the undergraduate programs offered at AGU depend upon the type of high school studies program you have completed. The minimum requirements based on some of the common high school systems are given below:

Curriculum/Qualification	Score Required	
	Direct Entry	Conditional Admission (Min) *
UAE** Secondary School Leaving Certificate (General Track)	70%	60%
UAE** Secondary School Leaving Certificate (Advanced Track)	70%	60%
UAE** Abu Dhabi Education Council (ADEC) Track	70%	60%
Indian Central Board Secondary of Secondary Education (CBSE) or Indian State Board Examinations (ISBE)	50%	40%
Pakistani Intermediate Certificate or Higher Secondary School Certificate (HSC)	50%	40%
IGCSE/GCSE/GCE	Entry requirements as per below	Entry requirements as per below
CIS Countries Certificate of Secondary Education	Average 3.5 out of 5	Min 3.0 out of 5
WAEC OR NECO	Min 3B and 4C grades	Min 7 subjects with no more than 1 Pass (D7)
Iranian System	12 out of 20	Min 10 out of 20
American High School Diploma	60% with a SAT score of 400 in Math or an EmSAT of 500 in Maths	Entry requirements as per below
International Baccalaureate (IB) Diploma	24 Points	Entry requirements as per below
Philippines High School Diploma Grade 12 (Academic Track)	75%	70%
Pearson BTEC Level 3 Diploma	Merit	Pass
Vocational High School Certificate	75%	60%

British Curriculum

Direct Admission:
a) The school that teach Islamic Studies (for Muslims) and Arabic (for Arabs) in grade 10,11 and 12 in compliance with the UAE curriculum in the corresponding year groups and that students successfully pass the test in these subject provided that students sit the same UAE ministry exams in grade 12 and that is coordinate with and under the supervision of the relevant department
b) Schools having students sit IGCSE/ GCSE/GCE exams in grade 10 the following conditions apply:
    1. Student successfully passes 5 subjects in grade 10 with minimum E grade
    2. The student passes successfully grade 11 and 12, 2 GCE (2 A level subject or 4 AS level subjects) with minimum D grade
    3. Islamic Studies and Arabic in all levels (O, AS & A) are not accounted for among the subject
    4. One AS level subject us considered ½ A level subject
c) Schools having students sit IGCSE/ GCSE/GCE exams in grade 11 the following conditions apply:
    1. Student must pass grade 11 5 IGCSE/GCSE/GCE subjects with a minimum of E grade

2. Students must successfully pass in grade 12, 1 GCE (1 A level subject or 2 AS level subjects) subject with a minimum grade of D
3. Islamic Studies and Arabic in all levels (O, AS & A) are not accounted for among the subject
4. One AS level subject is considered ½ A level subject

d) The student chooses one of the following subjects in their IGCSE/ GCSE/GCE exams

1. English
2. Maths
3. Physics
4. Chemistry
5. Biology
6. Geology
7. Combined Studies/ General Studies
8. Economics
9. French
10. Business Studies
11. Accounting
12. Computer Science
13. Social Sciences
14. Nutrition and Health
15. English Litreture
16. Genetics
17. History
18. Geography
19. Psychology
20. ICT/IT
21. Arts & design

Conditional Admission:
1. Incase student does not acquire the pass mark for one of the required subjects to complete the UK system High school certificate equivalency, the student will be offered a conditional admission for one semester in the university provided that the student passes a foundation course (noncredit) at the university equivalent to the missing subject.
2. The above includes students who have taken Islamic Studies or Arabic in their A/AS level

American High School Diploma

Direct Admission:
1. The school that teach Islamic Studies (for Muslims) and Arabic (for Arabs) in grade 10,11 and 12 in compliance with the UAE curriculum in the corresponding year groups and that students successfully pass the test in these subject provided that students sit the same UAE ministry exams in grade 12 and that is coordinate with and under the supervision of the relevant department
2. The student pass at least 5 subjects in grade 10,11 and 12 from the subjects mentioned in point 4 provided that student scores at least 60% in each subject. Arabic & Islamic are not accounted for.
3. Student pass TOEFL in English with minimum score of 500 written (PBT) or 173 computer based
4. Student passes SAT in Math with minimum score of 400

Conditional Admission:
1. In case the student did not acquire a SAT score of 400 in Math the student can submit an EmSAT score of 500 in Math
2. In case the student does not score a SAT score of 400 in Math or its equivalent or has not obtained a score of 500 in TOEFL the student will be offered a conditional admission for one semester in the university provided that the student passes a foundation course (noncredit) at the university in Math or English

Canadian Curriculum

Direct Admission:
1. The school that teach Islamic Studies (for Muslims) and Arabic (for Arabs) in grade 10,11 and 12 in compliance with the UAE curriculum in the corresponding year groups and that students successfully pass the test in these subject provided that students sit the same UAE ministry exams in grade 12 and that is coordinate with and under the supervision of the relevant department
2. That the school has attestation & licensing from a province under ministry of education in Canada.
3. That the school offer & apply the curriculum of the province it received the attestation.
4. That final issued degree is issued from the province the school is accredited from and that the student covers the subjects among the subjected listed in point 4 under British curriculum.

International Baccalaureate (IB):

Direct Admission:
1. School is accredited the IB board.
2. That school teach Islamic Studies (for Muslims) and Arabic (for Arabs) in grade 10,11 and 12 in compliance with the UAE curriculum in the corresponding year groups and that students successfully pass the test in these subject provided that students sit the same UAE ministry exams in grade 12 and that is coordinate with and under the supervision of the relevant department
3. That the student successfully completes grade/year 12 and acquires the IB diploma successfully with 24 points.

Conditional Admission:

1. Incase student does not acquire the pass mark for one of the 6 subjects required to complete the IB diploma, the student will be offered a conditional admission for one semester in the university provided that the student passes a foundation course (noncredit) at the university equivalent to the missing subject.
2. The above includes students who have taken Islamic Studies or Arabic among the 6 subjects in the IB Diploma.

Notes:
* Applicants with conditional admission must take 12 credit hours in the first semester and achieve a minimum of CGPA of 2.0/4.0.
** In line with the Ministerial Decree No. 322 of 2017 on the rules governing the admission of students who obtained a certificate of completion of secondary school following the academic system of the Ministry of Education or the Abu Dhabi Education Council system to join the higher education institutions within UAE must meet the specific eligibility requirements outlined in the Table 2.

Table 2 Specific Admission Requirements for Undergraduate Programs

Eligibility requirements to join the institutions of higher education in UAE for students who attained secondary school certificate from schools following the educational systems of the Ministry of Education (General Track, Advanced Track) or the Abu Dhabi Education Council System (with Physics or without Physics).

Specializations for which students are eligible to apply	Track	Additional Terms / Notes
• Engineering Specializations	General Track - Ministry of Education	• Pass mathematics and science subjects in the 12th grade at the rate of at least 90%. • Successful completion of a qualifying course in Physics offered by the concerned Higher Education Institution. • In completing the 12th grade the student must achieve the minimum score not less than 90% as prescribed by the concerned institution of higher education. • Pass national exams at the required rate. • Any additional conditions set by the Higher Education Institution.
	Advanced Track - Ministry of Education	• In completing the 12th grade the student must achieve the minimum score as prescribed by the concerned institution of higher education. • Pass national exams at the required rate. • Any additional conditions set by the Higher Education Institution.
	Abu Dhabi Education Council Track	• Pass advanced mathematics (Third Level) and advanced science (Third Level) subjects. • In completing the 12th grade the student must achieve the minimum score as prescribed by the concerned institution of higher education. • Pass national exams at the required rate. • Any additional conditions set by the Higher Education Institution.
• Information Technology • Management Sciences • Humanities • Social Sciences • Law • Education • Media • Professional Diploma Programs	General Track - Ministry of Education Advanced Track - Ministry of Education Abu Dhabi Education Council Track	• In completing the 12th grade the student must achieve the minimum score as prescribed by the concerned institution of higher education. • Pass national exams at the required rate. • Any additional conditions set by the Higher Education Institution.

4.2.2   English Language Requirement

In order to be admitted to an undergraduate program taught in English at AGU, an applicant must demonstrate sufficient command of the English language as measured by the "EmSAT Achieve-English" or TOEFL or IELTS or any other internationally recognized equivalent and standard test approved by CAA. The candidate must submit an evidence of minimum score (not older than two years) of 1100 in "EmSAT Achieve-English" or 500 (paper based) or 173 (computer based) or 61 (iBT) on the international TOEFL or submit a score of 5.00 (overall) on IELTS or other internationally recognized equivalent test score as approved by the CAA, Ministry of Education, UAE. This requirement is also applicable to transfer admissions.

4.2.3   Program Specific Requirements

(a) English Medium Programs

In addition to the general and English language requirements mentioned above, an applicant must have studied and passed Physics, Chemistry and Mathematics up to grade 12 in his/her Secondary School education to qualify for admission into the Bachelor of Science in Electrical and Electronics Engineering, Bachelor of Science in Computer Science and Engineering and Bachelor of Science in Mechanical Engineering. Chemistry is not mandatory for Bachelor of Architecture program. Alternatively, the applicant must pass a challenge test designed and conducted by the relevant College. To be eligible for admission into the engineering specialization programs the students holding secondary school certificate in General Track must pass mathematics and science subjects in the 12th grade with a minimum score of 90% and the students holding secondary school certificate from schools following Abu Dhabi Education Council system must have passed advanced mathematics (third level) and advanced science (third level).

(b) Arabic Medium Programs

Applicants seeking admission for certain programs taught in Arabic as specified by CAA such as Bachelor of Arts in Public Relations/ Mass Communication are required to have a minimum score of 950 on the English language portion of the EmSAT examination, or its equivalent on other national or internationally-recognized tests that are approved by the MOE such as TOEFL scores of 139 CBT, 51 iBT, 450 PBT, or 4.5 IELTS.

4.3   Conditional Admission

a)   Applicants with secondary school average score of 60 per cent or more but less than 70 per cent may be offered conditional admission. A student with conditional admission must take 12 credit hours in the first semester and must achieve a minimum GPA 2.0 at the end of the first semester to become a regular student. All other conditions will remain the same.

b)   Applicants who do not meet the English Language requirement may be offered "Conditional Admission" until they satisfy the English Language requirement as specified in Section 4.2.2 above. The students admitted in this category must sit for an English language placement test. Based on the result of the test such students shall be admitted in a certain level of EPP that will help them in achieving the required English language level score to become regular students. The EPP students will take a combination of non-credit EPP courses and credit-bearing general education courses according to the EPP level. Such students shall not be allowed to take more than 12 credits while they are holding the status of conditional admission. A student with conditional admission will become a regular student of his/her registered program on meeting the English language requirement.

4.4   Transfer Admission and Transfer of Credits

Credit transfer is the award of credits in recognition of studies from a partially completed Bachelor program or from an articulated program. AGU may admit students transferring from other federal or licensed institutions in the UAE or from a foreign institution of higher education recognized by the MOE provided, they satisfy the following conditions:

a)   English language requirement as described in Section 4.2.2. No conditional admission is allowed under any circumstances for transfer admissions.

b)   The undergraduate program course credits will be considered for transfer if (i) the course learning outcomes of the course at postsecondary level are similar enough to a course of a program intended for transfer; (ii) the grade earned in the course is C (2.0 on a 4.0 point scale) or better; and (iii) transfer credits do not exceed 50% of the total credits of a program intended for transfer.

c) Applicants who are not in good academic standing are eligible to transfer to a program at AGU which is different from their previous program.

d) Applicants shall not be eligible to receive credits twice for substantially the same course taken at two different institutions.

e) No credit transfer for any final year course, specialized elective course, capstone, internship or graduation project shall be allowed.

4.5 Recognition of Prior Learning (RPL)

As part of prior learning the University presently follows a policy for transfer admission and award of credits in recognition of studies from a partially completed academic program or from an articulated program. AGU admit students transferring from other federal or licensed institutions in the UAE or from a foreign institution of higher education recognized by the MOE provided the applicants satisfy the conditions laid down in sections outlining admission requirements as well as dealing with the cases of transfer admission and transfer of course credits.

In order to grant credit on the basis of informal or non-formal learning a challenge exam or other assessment mechanism can be used for a particular program of study provided that the assessment mechanism is approved for awarding the credit for RPL by relevant university committees and the CAA.

4.6 Visitor Student Admission

Students pursuing studies in other academic institutions may take courses offered at AGU, provided they meet the admission requirements of the relevant program.

4.7 Re-Admission

A student who interrupts his/her studies for two consecutive semesters or a total of four semesters during his/her program of study is required to apply for re-admission to resume his/her studies. Admission requirements at the time of re-admission must be applied.

4.8 Second Bachelor Degree

The University provides an opportunity to its graduates to earn a second Bachelor degree to broaden their skills and career choices. The applicants must satisfy the following conditions to get admission for a second degree.

(1) The applicant fulfills all admission requirements of the second Bachelor degree.
(2) The admitted students must satisfy all degree completion requirements of the second Bachelor degree.
(3) Completion of additional degree from AGU must include at least **30** credit hours that are distinctive to that particular program/major and not taken to meet requirements of the first degree.

4.9 Orientation Program

The Office of Registrar organizes an orientation program for all new students prior to the beginning of the classes. During the orientation, the students are given essential information about AGU's values, academic requirements and standards, rules, and regulations. The students are introduced to the faculty and staff and are also taken on a campus tour.

Note: Detailed procedures for the implementation of the above mentioned policy are given in University Rules and Policy Manual, Volume II.

4.10 Registration Procedure

Registration is the process of enrolling in classes. Every semester, before the beginning of registration process, the registration office makes a registration guide available for all students. The guide published by the Registration Office lists initial course offering and schedules for the semester and explains the registration process and procedures. Students should carefully read the registration guide and prepare themselves for registration. Registration involves the following steps:

(a)   Advisement and Consultation
Students must meet their assigned academic advisors who will help them in selecting the courses and in planning the schedule for the semester. The advisors may also approve the schedule.

(b)   Selection and Registration of Courses
Once the student selects courses with help of his/her advisor, the student completes the registration process either manually or online. Students must satisfy the prerequisite requirements of a course as per the study plan of AGU programs.

(c)   Payment of Fees
For each semester all fees are due at time of registration. For fee payment details please refer to the finance department.

The Registration Office shall be responsible for monitoring all registered students in order to check their academic standing at the end of each semester.

4.10.1 Visitor Student Registration

(a)   Students granted admission with visitor status may enroll in any course offered at the university provided the student has the required academic background.
(b)   They should register through the Registration Office.
(c)   Fees and charges to be calculated per credit hours as declared for regular students.

4.10.2 Denial of Registration

Registration is denied if all academic and/or administrative requirements have not been fulfilled prior to the semester. A student may be denied registration if one or all of the following deficiencies exist:

(a)   Academic dismissal
(b)   Incomplete admission documents
(c)   Failure to meet specific requirements of the University, College or Department.
(d)   Outstanding charges or fees due to the University

4.11 Drop and Add of Courses

Drop means removal of a course included in the regular registration. **Add means** the addition of a new course that was not included in the regular registration.

(a)   The drop and/or add processes are designed to enable the students to make some changes in their courses after the completion of the regular registration process as notified by the Registration Office.
(b)   Students are allowed to drop and/or add courses in accordance with the dates published in the academic calendar.
(c)   Changes due to add/drop of courses are not recorded in the students transcripts.

(d)   The fee paid towards the dropped courses will be credited to the student's account, if the courses are dropped in accordance with the published dates.

(e)   Students interested in dropping or adding courses should fill and submit the required form available in the Registration Office.

4.12 Withdrawal from Courses

Withdrawal from a course means removal of the course from the student's registration, after the period declared for dropping and/or adding courses has ended.

(a)   Students are permitted to withdraw from courses after filling and submitting the appropriate withdrawal form to the Registration Office.

(b)   Withdrawal from courses must occur no later than the last day for withdrawal without grade "F" published in the academic calendar.

(c)   The fee paid for such courses will not be refunded.

(d)   A grade of **W** will be recorded in the transcript for the course from which the student has withdrawn **but it will not affect the student's CGPA.**

(e)   After this date a grade of **WF** will be recorded for those students who withdraw from a course.

(f)   Rules regarding maximum and minimum load shall be applicable in all cases**.**

4.13 Cancelling Registration / Postponement of Semester

Canceling registration means canceling registration of all courses for a particular semester.

(a)   Provided that a student has been in the University for at least one semester, and for certain un-avoidable non-academic reasons the student may apply to postpone the semester or cancel the registration of all the courses for a particular semester.

(b)   If an application for canceling registration was made within one month from the commencement of the study, the Dean/Academic Head of the concerned College/Department may approve the application for canceling the registration. In such cases, the student shall retain the CGPA gained in the earlier semesters.

(c)   If the application was made after the lapse of one month from the commencement of the study, cancellation of registration may be granted on the recommendation of the concerned Dean/Academic Head. Grade AW will be recorded in the student's permanent record. The grade AW is not used in the calculation of the CGPA.

(d)   Postponement of registration shall not exceed two consecutive semesters, or four separate semesters during the study period, including the semesters in which the student has sought cancellation of registration.

5. Tuition Fees, Financial Aid and Refund Policy

In line with AGU's philosophy of providing higher education opportunities at affordable cost to large segments of the society, the fee structure is kept reasonable. Since the university is following the American model of education, the tuition fees of the various programs are calculated on the credit hours basis. The table below shows the fee structure for the various programs:

5.1 Tuition Fee Structure and Other Charges for Undergraduate Programs[1]

Tuition Fees for Undergraduate Programs*

Academic Program	Total Credit Hours in Program (Credit Hours)	Fee per Credit Hour for General Education Courses (AED)	Fee per Credit Hour for Program Courses (AED)
Bachelor of Business Administration	123	1200	1350
Bachelor of Science in Electrical and Electronics Engineering	139	1200	1550
Bachelor of Science in Mechanical Engineering	139	1200	1550
Bachelor of Science in Computer Science and Engineering	139	1200	1350
Bachelor of Science in Computer Information Systems	123	1200	1350
Bachelor of Architecture	160	1200	1550
Bachelor of Arts in Interior Design	123	1200	1400
Bachelor of Arts in Public Relations	126	1200	1250
Bachelor of Law	133	1200	1250
Bachelor of Education	126	1200	1250

*Above fees exclude 5%VAT

Tuition Fees for English Test Preparation (ETP) Courses**

ETP Level	Admission Eligibility Criteria	ETP Course (Non-Credit)	Number of General Education (GE) Courses student may register while studying at each level	Minimum Pass Score^	Applicable Tuition Fee (AED)
Level 1	Placement Test < 400	ETP 001	Up to 2 GE Courses Max 6 credits	TOEFL 400 or IELTS 4	2,700
	TOEFL < 400				
	IELTS < 4.0 or equivalent				
Level 2	Placement Test 400 to < 450	ETP 002	Up to 3 GE Courses Max 9 credits	TOEFL 450 or IELTS 4.5	2,300
	TOEFL 400 to < 450				
	IELTS 4.0 TO < 4.5 or equivalent				
Level 3	Placement Test 450 to < 500	ETP 003	Up to 4 GE courses max 12 credits	TOEFL 500 or IELTS 5	3,200***
	TOEFL 450 to < 500				
	IELTS 4.5 TO < 5 or equivalent				

Notes:
**Above fees exclude 5%VAT
***Price of Level 3 ETP 003 Course includes a one-time IELTS or TOEFL English Language Test Fee
^ Student excelling in any of the ETP levels may choose to sit for IELTS or TOEFL exam at any time. A student who scores 500 on the paper based TOEFL, 61 on the IBT or 5.0 on the IELTS any time during the preparatory program shall be exempted from the remaining ETP course(s) and he/she will be eligible to seek admission into an undergraduate program.

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[1] Effective from Winter 2017-2018

Non-Tuition Fees and Service Changes**

Non-tuition fees are various administrative fees that are payable in addition to the tuition fees you pay for each course. The non-tuition fee information is outlined below.

Description of Non-Tuition Fee/Service Charge	Charges (AED)
Application fee (non-refundable)	300
Admission fee (one time non-refundable)	3,000
Late registration penalty per course	100
Student services Fee (per semester)	350
Change major fee	300
Replacing a lost or damaged ID	50
Annual ID Renewal	10
"To Whom It May Concern" letter	50
Grades appeal request	50
Postponement of registration	100
Incomplete request (per course)	50
Degree Certificate Fee	500
Bounced back cheque	200
Lockers fee (per semester)	50
Placement test (TOEFL ITP)	600
Re-evaluation request	80
GYM services	TBC

*****Above fees exclude 5%VAT*

5.2   Methods of Payment

The University follows a flexible payment policy. The University accepts and entertains the following mode of payment:

(a)   Cash denominated in UAE Dirhams only
(b)   Cheques drawn on local banks in UAE and in AED only[2]
(c)   Bankers Drafts
(d)   Direct transfers to the University's account at Mashreq Bank (Account No. 04-90-91738-9); Hor Al Anz Branch, Dubai.

(Student Name and ID No. must be clearly stated on the transfer document).

Note: Students can pay their fees in instalments. For payment in instalments, students are advised to consult the finance office.

5.3   Financial Aid

The students attending AGU may be eligible to receive some financial support in the form of scholarship/tuition fee discount. Students wishing to seek more information about the types of financial aid and to apply for the financial aid shall contact the finance office of the university.

5.4   Refund Policy

(a)   Application fee, Admission fee and Student Services Fees are all non-refundable
(b)   Transportation fees can only be refunded within two weeks from the commencement of the specific semester if the student has not used the service.

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[2] A fee charge is added if a cheque is bounced back for insufficient funds.

(c)   In case of cancellation of registration, postponement or withdrawal from the University the approved scheme of refund will be applicable which is available with the Finance department.

(d)   Refunds are normally made within two to four weeks, from the date of submission of a written request to the finance department either via cash or cheque.

(e)   Sponsored Students refunds will be made directly to the sponsor only.

(f)   In case of any dispute regarding students' payments, the University reserves the right to take appropriate action on merits of the case.

(g)   Accommodation and transportation fee refunds policy (please refer to the respective contracts for the refund policy details).

6. Student Services

AGU through its Student Services Department assists in enhancing student life by creating a supporting environment and promoting social, cultural, physical, intellectual and moral development for students while pursuing their studies with the University.

Student Services Department oversees the below areas:

6.1 Student Council

Student services Office oversees the elections of the student council in compliance with the ministry guidelines. The university works closely with and supports the student council throughout the year ensuring that the council voices to the management student preferences. The council plays a very active role in student life, its role includes and is not limited to taking the lead in organizing social, cultural and sports committees as well as any extracurricular student activities that the students wish to conduct. AGU's Student services office works with the council to ensure the continuous planning and engagement of student activities throughout the year, the university also helps fund and organizes with the student council main student activities like the UAE national day & Global day. There is an AGU appointed sports coordinator within the student services department who also works with the student council to engage students in different sports activities, the sports coordinator overseas the engagement of the students in sports tournaments and works closely with the student council on organizing and running different sports activities throughout the year.

6.2 Services Provided by Student Services Unit

6.2.1 Cultural Activity and Community Services

The goal of this service is to encourage student exposure to different cultural and community events, building the team spirit and effective leadership skills that enhance students' sense of responsibility and engagement in giving back to the community. The Student Services Office works closely with the Student Council in engaging students to volunteer in various cultural and community service opportunities across the year.

Policy

(a) Cultural and Community service is the primary responsibility of the Student Council (Cultural Activity and Community Service Sub-Committee) which plans the calendar of the student activities.

(b) Student representatives in the Sub-committee reflect the student participation in planning, supervising and conducting the services

(c) Student Council Publications and Publications prepared at AGU is funded through student Council and are overseen by both the Marketing and Student Services Department

(d) The University is responsible to oversee any publication or any other authorized newsletters which is issued by the student council

6.2.2 Student Publications

The Student Services Office supervises and assists in producing student council publications and collateral material that includes roll ups, flyers, newsletter, etc. However for producing material by student council members, the council must seek pre-approval from AGU's both Student Services and Marketing departments prior to printing or circulating any material to students to ensure it complies with the university guidelines and regulations.

AGU has also set-up a student council email address to facilitate for the student council announcing events and activities to AGU students. Any correspondence or announcement sent out to students via the student council email must however be approved first by the university's Student Services Department and then Marketing department (for quality of communications) prior to sending out. If the Student Council wishes to have web pages or publish a newsletter then the council must seek the approval of the Director Student Services and Marketing Department (for branding and content quality purposes) prior to publishing anything. The Student Services Department must monitor and manage such communication channels closely to ensure its not in violation of the university's code of conduct rules and regulations.

6.2.3 Sports Activities

The University encourages students, faculty and staff to be involved in recreational sports through a wide range of activities and tournaments conducted throughout the year. The university has a full time appointed sports instructor that works closely with the student council sports sub-committee is committed to encourages student engagement in sports and fitness activities throughout the year.

(a) To achieve the above mentioned objectives, AGU provides separate boys' and girls' sports facilities in addition to an outdoor court

(b) The facilities are supervised and maintained by a dedicated Sports instructor who also is responsible for training the students and supervising their sports activities

(c) The sports instructor works with the sports sub-committee under the Student Council plans, reviews and evaluates the sport activities on a regular basis

6.2.4 Career Planning and Placement Services

The CAPPS office oversees the following areas:

(a) Career Counseling and Guidance: Helps students to determine career interests and select appropriate academic program to reach their career interest.

(b) Internship Placement: Helps students to explore career choices through various pre-professional internship opportunities and cooperative education work experiences. It reaches out for employers to secure opportunities for the students and provides information on the job market that helps students in the following:
- Career exploration
- CV writing skills
- Job search methods
- Preparation for interviews

(c) Alumni Outreach: Helps to keep track and in touch with Alumni to establish relationship with them, promote networking and collaboration in the area of career development.

Tactics and Mechanisms Used:

(a) Reaching students in the classrooms and through collaboration with faculty and other departments.

(b) Presentations in classes (Junior/Senior level classes) to introduce objective, mechanism and resources of the services.

(c) Career unlimited program is an important tool by gathering number of career information panels, which could comprise of professionals, faculty and parents. The activity has to be in collaboration with academic departments.

(d) Career counseling for new students by senior students.

(e)   Offer development and review services to help students to present themselves effectively as candidates for employment.

(f)   Other important tools could be introduced such as:
- Workshops to assist students in searching for internships/jobs or full time position following graduation.
- Ask an employer to conduct mock interviews
- Introduce guide for career planning and job search

6.3   Other Student Support Services

6.3.1   Student Financial Aid

The students studying at AGU may be eligible to receive some financial support in the form of scholarship/tuition fee discount. Students wishing to seek more information about the types of financial aid can check the AGU website for further details on types and percentages of scholarships and grants and can also contact the finance office of the university to apply for financial aid.

6.3.2   Transportation

AGU provides the students with comfortable cost and time effective transportation. The Facility Management office manages and supervises the transportation service. The fee of transportation is on semester basis and set as per the relevant destination category.

6.3.3   Medical Services and Clinic

Students whose visa is sponsored by AGU must have medical insurance and have access to medical care with medical providers listed as per their insurance policy. The university offers students on AGU sponsored visa options for medical insurance at a set fee, for further details please contact the university PRO in the administration office. All other AGU students should have access to relevant medical services subject to the regulations of the Emirate issuing their visa. First Aid and primary medical assistance is offered at the University clinic by a professional nurse.

6.3.4   Visa Services

The university offers eligible active students the option of sponsoring their visa, for further details on visa services, procedures and associated costs please contact the PRO.

6.3.5   General Convenience Store and Food Outlet

The University offers a mini market and convenience store that offers a range of packed food, snacks and beverages. The university is also in process of renovating its food court to include a hot meals food and beverage outlet that offers a range of affordable food items to cater for different students' needs and preferences. The food outlet will operate under the strict hygiene rules and regulations of Dubai municipality.

7. Student Rights and Responsibilities

7.1 Policy Statement

AGU believes that a student, upon enrollment, neither loses the rights nor escapes the duties and responsibilities of a citizen. Enjoying educational and learning opportunities, the student has a responsibility to himself/herself, fellow students, to the laws of the land, and to the institution in which he/she enrolls by choice.

The University community respects and protects individual dignity, integrity, and reputation of all its members. Students, faculty, and staff must comply with the conventions and regulations of the University's life that are necessary to maintain order, protect individuals and property, and fulfill the purpose and responsibilities of the University.

Students enrolling in the University assume an obligation to conduct themselves in a manner compatible with the University's role as an educational institution. The code of conduct represents the University's responsibility for maintaining order and protecting civic rights within the campus.

7.2 Rights of Students

(a)   Students have the right to freely express and exchange their ideas inside and outside classrooms.

(b)   Students have the right to participate fully in the university community without discrimination or prejudice.

(c)   Students have the right of access to established procedure for respectfully presenting and addressing their concerns and grievances.

(d)   Students have the right to opportunities for interacting with people and institutions both within and beyond the university community.

(e)   Students have the right to get high quality educational programs.

(f)   Students have the right to utilize their potential to the best of their abilities.

(g)   Students have the right to inquire about and to recommend improvements in policies, regulations, and procedures affecting their welfare as students.

(h)   Students have the right to a campus environment characterized by safety and order.

(i)   Students have the right to a fair process and hearing when disciplinary action is applied to an individual or a group.

7.3 Obligations and Responsibilities of Students

The exercise and preservation of the rights stipulated above require a respect for the rights of all members of AGU community. The University assumes that all students are obligated to conduct themselves in a manner that is civil and consistent with the university's role as an institution of higher education. Specifically, the University requires that all students observe the following obligations and responsibilities:

(a)   The obligation to be fully familiar with published regulations and to comply with them in the interest of an orderly and productive community. The obligation of knowing that one's conduct reflects not only upon one's self but also upon the institution and its members.

(b)   The obligation to follow the rules of common decency and acceptable behavior as expected and observed in an educational institution.

(c)   The obligation to respect the rights and property of others.

(d)   The obligation to regularly attend lectures, laboratories, tests, examinations and all forms of teaching processes in accordance with the University/ College regulations.

8. Student Code of Conduct and Disciplinary Policy

8.1 General Code of Conduct

The University community respects and protects the individual dignity, integrity, and reputation of all its members. Students, faculty, and staff must comply with the conventions and regulations of the University. Conduct for which the students are subject to sanctions and disciplinary actions include, but not limited to the following:

(a) Any obstruction or disruption of teaching, research, administration, proceedings, or other University activities, including its public service functions on or off campus.

(b) Any harassment or discrimination on the basis of religion, race, and nationality, and showing disrespect to, or using offensive words against religions and beliefs of other students, faculty and staff.

(c) Abusive, drunken, violent, or excessively noisy behavior or expression on University campus.

(d) Violating the University policy on co-education and dress code, during any academic cultural, social, or sport activities. The decision as to whether or not the behavior or dress is proper will be made by the concerned university official and shall be final.

(e) Any lewd, indecent, or obscene behavior on University campus.

(f) Physical abuse or other conduct which threatens or endangers the health or safety of any person.

(g) All forms of hazing.

(h) Manufacture, use, possession, distribution or consumption of alcohol or any prohibited drugs/substances on the university campus, or its residences and on its transport service.

(i) Forgery, alteration, or misuse of University documents, records or identification, or knowingly false information to the University.

(j) Actual or attempted theft or other abuse.

(k) Unauthorized entry or use of University facilities or any violation of University rules regarding the use of University property.

(l) Defacing, disfiguring, damaging, or destroying public or private property on University campus.

(m) The commission of acts which constitute a violation of local or federal law on University campus.

(n) Smoking inside the University campus, or within the designated no-smoking areas in Halls of Residence or in University transport/buses.

(o) Issue of wallpapers, posters and logos, holding seminars, distribution of bulletins, slogan shouting, use of loudspeaker, or any other act deemed or feared to be against the University regulations or local laws.

(p) Any unlawful sit-in or use of the University premises.

8.2 Co-education and Seating Arrangements

AGU is a coeducational institution. The purpose of this policy is to indicate the University's perspective and limits of coeducation. The terms and conditions of this policy are inspired by the values, beliefs, national tradition and culture of UAE society. Coeducation means coexistence of male and female students in the University. The University intention is to limit this coexistence to the minimum level required for academic purposes and discourage any extension of this beyond academics. The foregoing purpose shall be achieved through the following arrangements which should be strictly followed.

Seating Arrangements

In class-rooms/lecture halls/laboratories/library:

(a) There shall be separate seating arrangements for male and female students, unless otherwise prescribed. This rule shall be followed for all lectures, seminars and presentations for the courses and academic programs (unless otherwise necessary for special programs).

(b) Student services and facilities, e.g. canteens, library, common areas, rest-areas, transport services and sport facilities. The male and female students should only avail the separate and designated spaces, seating arrangements and facilities provided for them. In these areas, mixed groups, mixed seating and gatherings are not allowed.

8.3 Dress Code

(a) Students, while in the University/designated areas and services provided by the University, are required to follow the principles of decency, modesty and propriety in their manner of dress, in line with the spirit of the national culture of UAE.

(b) Clothes like shorts, short pants, mini-skirts, sleeveless blouses, sleeveless tops etc. are not permitted inside the campus. In sports areas, however, shorts and t-shirts as required are allowed.

(c) With regard to any question, doubt, or concern about whether a particular dress violates the code, the decision of any authorized officer of the university shall be final

(d) Code of Co-education and Dress shall form an integral part of the general code of conduct.

8.4 Code of Conduct for Use of Library

AGU library provides learning resources to support the academic programs. In order to provide an environment that is conducive to learning, study, and research, the following activities violate code of conduct for the library:

(a) Loud talking, inappropriate cell phone use, use of threatening language, or any other activity that disturbs other users of the library or distracts them from carrying out their activities.

(b) Smoking, consumption of food or drinks, or sleeping in the library.

(c) Damaging, defacing or destroying library resources, or removing pages from books.

(d) Tampering with library materials including safety and security equipment.

(e) Removing or attempting to remove any material without proper authorization.

(f) Copying or any other activity that violates copyright law.

(g) Violating library rules relating to borrowing and return of books and other material.

(h) Violating the University's Information Technology/Computer Use Policy while in the library.

8.5 Code of Conduct for Use of IT Facilities

As a part of the physical and social learning infrastructure, the university acquires, develops, and maintains a computing infrastructure consisting of computers, networks, and a variety of related support systems. These computing resources are to be utilized for university related purposes, including but not limited to the following:

(a) Direct and indirect support of the university's teaching, research, and service missions.

(b) Support of university administrative functions.

(c) Support of student and campus life activities.

(d) Support of the free exchange of ideas among members of the university community, as well as the university community and the local, national, and world communities.

All information technology resources are the property of the university. Except for personally-owned computers, the university owns, or has responsibility for, all of the computers and internal computer networks used on campus. Users of university computing resources and facilities do not own the systems or the accounts they use when accessing university computers or systems. All existing national laws and university regulations and policies apply, including not only those regulations that are specific to computers and networks but also those that may apply generally to personal conduct and public property. Rules prohibiting misuse, theft, or vandalism apply to all software, data, and physical equipment, including university-owned data as well as data stored by individuals on university computing systems.

8.5.1   IT Equipment Appropriate Use Guidelines

The rights of academic freedom and freedom of expression apply to the use of university computing resources. So too, however, do the responsibilities and limitations that are associated with those rights. The use of university computing resources, like the use of any other university-provided resource and like any other university-related activity, is subject to the normal requirements of legal and ethical behavior. Employee and student access to and use of electronic tools such as e-mail and the Internet are intended for university business and educationally-related purposes. Limited and reasonable use of these tools for occasional employee personal purposes is permitted as long as the use does not result in additional cost or loss of time or resources for intended business purposes.

8.5.2   Inappropriate Uses

Faculty, staff, and students must use good judgment in the use of all computing resources, including but not limited to Internet access and e-mail use. E-mail messages must be appropriate in type, tone and content. Employee and student use of e-mail and the Internet must be able to withstand public scrutiny without embarrassment to the university or the United Arab Emirates. Computing and telecommunications may be used only for legal purposes and may not be used for any purpose which is illegal, unethical, dishonest, damaging to the reputation of the university or likely to subject the university to liability. Inappropriate uses of computing resources at the university include, but are not limited to, the following:

(a)   Any activity that would negatively affect the use of the network by others (e.g., games, excessive chat, etc.).

(b)   Copying or transmitting copyrighted software or other material licensed or otherwise protected by copyright.

(c)   Any activity that would cause another user to lose control or usage of a computer or account.

(d)   Commercial or profit-making activities unrelated to the university's mission.

(e)   Creating, transmitting, executing, or storing malicious, threatening, harassing, obscene, or abusive messages, images, programs, or materials.

(f)   Misrepresenting an identity or affiliation.

(g)   Violating university security, damaging university systems, or using computing privileges to gain unauthorized access to any university computer system and/or any computer system on the Internet.

(h)   Any activity that violates federal and local laws, policies or regulations.

(i)   Fundraising for any purpose unless sponsored by an official university organization with appropriate university approval.

(j)   Promoting political or religious positions or activities unless sponsored by an official university organization with appropriate university approval.

(k)   Removing or defacing hardware, software, manuals, etc. from open computer labs.

(l)   Abusing computer networks or computers at other sites connected to the networks.

8.5.3   Technology Access Guidelines

In order to better maintain the security of the computer system in general, users should abide by the following guidelines:

(a)   Use only those computer accounts for which you have University authorization. The unauthorized use of accounts as well as giving false or misleading information in order to obtain access to computer facilities is prohibited.

(b)   Do not attempt to gain access to restricted portions of the system.

(c)   Do not authorize anyone to use your account for any reason, as you are responsible for any actions performed with your account. You must take all reasonable security precautions, including password maintenance and file protection measures.

(d)   Your password should not be given to anyone including staff members that work for you. Temporary login codes can be assigned if you have a special project that requires individuals to perform tasks not normally associated with their positions.

(e)   Memorize your password rather than writing it down. Use passwords that you can easily remember but that others cannot easily guess.

(f)   If you suspect that your files have been tampered with, contact the Manager, Information Technology immediately.

(g)   User names not accessed for sixty (60) days will be disabled for security reasons. If you know that you will not be using your account for more than three months, contact the Information Technology Department.

8.5.4   Internet Use

(a)   AGU provides Internet access to faculty, staff and students as an instructional enhancement and as a support to research efforts. Information taken from the Internet for use in reports and research papers must be acknowledged and correctly cited in order to avoid charges of plagiarism.

(b)   In addition, users should use discretion when gathering information from the Internet as some material may be considered obscene and offensive to others. Public computers and printers, such as those found in the Computer Labs may not be used for accessing and reproducing offensive documents. The University assumes that Internet users will act responsibly and not engage in prohibited activities that can lead to disciplinary action.

8.5.5   World Wide Web Pages

AGU maintains a presence on the Internet through a web site (www.agu.ac.ae). The IT Department coordinates the development of web pages and determines the appropriateness of the material as well as the placement of pages in the structure of the University site. If the material submitted is not original, written permission from the copyright owner is needed. To publish information/graphics without written permission is a violation of copyright laws and subject to disciplinary action.

8.5.6   Electronic Mail

E-mail is provided for faculty, staff and students as a means of improved communication with colleagues and for use in connection with University related matters only. Because e-mail by nature is not secure, users should be aware of the limitations on the expectation of privacy. Therefore, users are responsible for changing their e-mail passwords periodically and removing any confidential mail from their

computers as soon as possible. Information stored on University computer resources is the property of University, which reserves the right to retrieve and review material at any time, including information protected by password. The system must not be used to send chain letters or to transmit offensive material such as messages that are derogatory, obscene or otherwise inappropriate.

8.5.7   Computer Lab Policies

The computer resources at AGU must be used in a manner that is consistent with the University's educational purpose and environment. All users of computer resources are expected to act in a spirit of mutual respect and cooperation, while adhering to the regulations set forth in this document. Those using AGU's computer labs must comply with the following practices and procedures:

(a)   The computer labs are reserved for the University community only.

(b)   University personnel reserve the right to check student ID at any time.

(c)   Access to systems, software and the Internet will be for educational and informational purposes only. Playing games or engaging in other non-academic activity while the labs are busy is not allowed.

(d)   Reconfiguring of computer hardware or software is not allowed.

(e)   Downloading and installing Internet client server applications is strictly forbidden.

(f)   The installation of personal software on computer lab equipment is prohibited.

(g)   While in the labs, please observe common courtesy and do not engage in behavior, which may be disruptive or offensive to others.

(h)   Headphones should be used for listening to CD or other sound-based software.

(i)   When class is in session, students not enrolled in that class are not permitted in the lab without the instructor's permission.

(j)   Instructors are responsible for notifying their classes of how they will handle file management. All student created files stored on the hard drive or accessible through the network are public domain and subject to removal from the system.

(k)   Laser printers are intended for the printing of academic material only. They are not to be used for making multiple copies.

(l)   Eating and drinking or bringing food or beverages into the labs is not allowed.

(m)   Violations of computer lab guidelines and engaging in prohibited practices will lead to corrective disciplinary action which may result in restrictions of lab usage or dismissal from the University. Complaints or concerns should be reported to any member of the Academic Computing staff.

8.6   General Safety Rules

(a)   Report any and all injuries to the workshop supervisor immediately.

(b)   Students must fully co-operate with the workshop supervisor and must follow the rules without exception.

(c)   It is students' responsibility to read and understand instructions in the appropriate use of tools and equipment in the workshop before attempting to use the workshop.

(d)   Do not enter shop while tired or influenced of any medications causing drowsiness.

(e)   All students using the workshop or hand tools must wear safety glasses or face shield to protect their eyes.

(f)   Shoes covering the entire foot must be worn when using the shop.

(g)   Hair should be tied back, dangling jewelry and hand's drawstrings should be removed and avoid loose clothing.

(h)   Keep your work area free of debris and clean up immediately after finishing at a tool or work area.

(i)   Cell phones, MP3s, and headphones are prohibited when using the machine tools.

(j)   Use extreme care that wood is free from nails, metal or loose knots before machining and never make adjustments or repairs to machines.

(k)   If you are unfamiliar with a particular operation, seek assistance from the supervisor.

(l)   Report any damaged equipment or strange sounding equipment immediately to the workshop supervisor.

(m)   All safety guards shall be in position as machines are being operated.

(n)   Adjustments shall be checked and secured before the power is turned on.

(o)   Keep hands away from cutters and the cutting area.

(p)   Never feed a machine faster than it can cut or sand.

(q)   Shut the power off after finishing; never leave a machine running unattended.

8.7   Implementation of Student Code of Conduct

The members of the University including all faculty and authorized staff shall contribute positively for successful implementation of the rules and regulations related to this policy as indicated by the University management.

8.7.1   Disciplinary Procedures

Disciplinary procedure may be invoked if a student is alleged to have committed any action that violates the University policy. Students violating the Code of Conduct, or any other University statute/regulation, shall be subject to one or more of the following punitive actions:

(a)   Warning

The Registrar or the authorized representative may notify the student that continuation or repetition of specified conduct may be a cause for other disciplinary action. A warning is not appealable.

(b)   Reprimand

A written admonition shall become a part of the student's disciplinary record. A reprimand is not appeal-able.

(c)   Punitive Probation

Probation shall be defined as exclusion from participation in privileges or extracurricular university activities and/or compliance with special conditions, such as counseling, as set forth in the notice of probation, for a specified period of time. If a student, while on probation, violates any of the terms set forth in the notice of probation or violates the Student Code of Conduct while on campus, or in relation to a university-sponsored activity as determined by the Dean/Academic Head, the student shall be subject to further discipline in the form of suspension or dismissal. Probation is not appeal-able, except in a case where violation of probation results in suspension or dismissal.

(d)   Suspension

Suspension shall be defined as forced withdrawal from the university for a specified period of time, including exclusion from classes, termination of student status and all related privileges and activities, and exclusion from the campus if set forth in the notice of suspension. If a student, while on suspension, violates any of the terms set forth in the notice of suspension or violates the Student Code of Conduct while on campus, or in relation to a university-sponsored activity as determined after the opportunity for a hearing, the student shall be subject to further discipline in the form of dismissal.

(e)   Dismissal

Dismissal shall be defined as exclusion from the campus and termination of student status for an indefinite period. The conditions of reconsideration for readmission will be specified at the time of dismissal. A student dismissed for an offence cited in the section titled "Student Code of Conduct", may be re-admitted to the College only with the specified approval of the President.

(f)   Monetary Reimbursement

In cases where personal or public property has been stolen, defaced, disfigured, damaged, or destroyed, the disciplinary sanction shall also include an appropriate monetary reimbursement for compensatory damages.

8.8   Students' Grievances

AGU is committed to extend fair and impartial treatment to all of its students. The purpose of this policy is to ensure that the students' rights are protected concerning academic, financial and administrative matters and that the students have the opportunity to raise/lodge their complaints. This policy also explains the necessary mechanism to ensure a proper and timely action to address their complaints and grievances.

8.8.1   Procedures

There shall be a Students' Grievance and Appeal Committee (SGAC) appointed by the President. This committee shall comprise at least three senior faculty/staff members. The main purpose of the Committee is to provide a necessary mechanism to ensure a proper and timely action to address students' complaints and grievances.

(a) When a student believes or experiences a violation of certain policy and procedure of the university, the student may raise his/her concerns to the appropriate official of the University by submitting a "complaint form" available online (academic advisor, teaching faculty, college dean and/or head of academic or administrative department) who will try to resolve the student's complaint in accordance with the existing policies and procedures of the university.

(b) If the matter remains unresolved, the student may lodge his/her complaint in writing by submitting the complaint form available online to the Registrar in the registration office with a copy to the respective Dean/Head of Department.

(c) The Registrar shall try to resolve the issue at his level. Otherwise, the Registrar shall refer this complaint to the Students' Grievance and Appeal Committee of the University within 3 working days after the submission of complaint.

8.8.2   Students' Grievance and Appeal Committee (SGAC)

Students' Grievance and Appeal Committee (SGAC) is an appropriate forum to address students' grievances and students' appeal against AISCVC. In special circumstances, the President may refer a student's appeal to the SGAC and advise the committee to re-examine the entire case and submit its recommendations to the President for final decision.

8.8.3   Procedure*s*

The key procedures to be followed by SGAC are as under:

(a) The Chairman Students' Grievance and Appeal Committee must inform the student in writing asking him/her to appear in front of the Committee to submit his/her grievances or the grounds of appeal against the decision of the Academic Integrity and Student Code Violations Committee.

(b) The Committee shall review/investigate the grievance/appeal and decide the matter within seven (7) working days of receiving the case. In case of any policy/procedure violation, the SGAC may refer the case back to AISCVC for review and decision.

(c) In case of an appeal, the decision of SGAC shall not result in the imposition of more severe penalty than those imposed initially.

(d) The Chairman SGAC shall submit its recommendations on the grievance/appeal to the President for approval. Once the decision is approved by the President, the Chairman SGAC will communicate the decision to the student as well as other relevant officials of the University.

(e) The decision of the President or the President's designee shall be final.

9.   Academic Integrity Policy

Academic integrity plays a very critical role in the mission of the University. Students are expected to demonstrate academic honesty as per the academic integrity code. The Academic Integrity Code for the University describes standards of academic conduct, procedures for addressing violations of the code and students' responsibilities. Any violation of the academic integrity code is a serious offence which may lead to imposition of penalties, according to the Academic Integrity Code.

It is the responsibility of the student to complete his/her work with absolute honesty and integrity. The academic work includes all assignments, tests, projects, case studies, presentations, field work, lab work and examinations. The students must also read and comprehend the "Academic Integrity Code" and "Examination Rules" of the University which are published in the Student handbook. When a student registers in the University, he/she accepts the code along with other rules and regulations of the University.

Students are responsible for understanding the requirements for each course and the kind of work is required, permitted, and accepted by the instructors. It is the responsibility of the instructors to explain and clarify these requirements, especially regarding take home assignments, case studies, projects, and team-based course work. The Academic Integrity Code covers all forms of plagiarism/cheating, and impersonation and it is applicable for all courses and programs offered throughout the academic year including summer semester. For the purpose of determining academic violations and misconduct, cheating and plagiarism are defined as follows:

9.1   Plagiarism

Plagiarism is presenting the work or ideas of somebody else in a way posing it as one's own work. Examples of plagiarism include the following:

a) Copying another person's work either word by word or making some changes but keeping the structure, much of the language, and main ideas the same. Even if the work has not been published, it should be treated as someone else's work and not the student's own work.
b) Buying, borrowing, or otherwise obtaining and handing in a paper, project or course assignment as if it was the student's own work.
c) Turning in work someone else has prepared/completed, even if the paper is enclosed in quotation marks. Also, a large part of the paper cannot simply be quotations.
d) Allowing someone else to edit, rewrite or make substantial changes in one's own work and turning it in without acknowledging the other person's contribution.
e) Using someone else's words or ideas without crediting that person.
f) Reusing your own material that was previously submitted in some other course(s).

The students should observe the following guidelines to avoid plagiarism:
(a) If someone else's words are used, they must be properly cited by putting quotation marks around them and making reference to the source.
(b) If any multimedia item downloaded from the internet, the source of the item must be identified and cited.
(c) Every book, magazine, or internet site used in a paper must be identified in the bibliography.
(d) For the purpose of referencing students must use the standards for writing and citation manuals.
(e) If the student is not sure if he/she is plagiarizing someone's work or not, he/she should discuss it with his/her faculty before submitting the assignment.

9.1.1   Prevention of Plagiarism

To detect and curb the plagiarism, all assessment items (assignments, essays, case studies, project reports etc.) of every course must be submitted through the plagiarism detection tool prescribed by the university[3]. The assessment items for the courses requiring extensive use of mathematical/scientific

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[3] Currently "SafeAssign" provided by Blackboard is the prescribed plagiarism detection tool of the university.

equations, scientific/engineering drawings, design diagrams, accounting/balance ledger sheets etc., can be exempted from this mandatory requirement provided the concerned faculty has received a written permission from his/her Dean/Academic Head.

Students are required to check originality of their work through prescribed plagiarism detection tool to make appropriate amendments before submitting to the concerned faculty. Students must understand that the score or percentage[4] provided by the plagiarism detection tool is a warning indicator only and a low score alone cannot ensure the absence of plagiarism.

Faculty use this tool to check students' work for plagiarism by obtaining an originality report. Even a zero (0) percent score does not absolve faculty's responsibility to ensure that students' work or assignment is not only free from plagiarism but also not concealed by students using synonyms, word substitution or any other method rendering the entire work essentially meaningless or gibberish. Faculty must apply professional judgment when determining the amount or extent of plagiarized material in any form. They must carefully review students' work and document their feedback in support of their grades/evaluation. Ultimately it is the responsibility of the faculty to read/evaluate students' work carefully before grading their work. Failure to comply with these obligations may lead to the following consequences:

a) First incidence of negligence will lead to the issuance of warning letter.
b) Second incidence of negligence will lead to termination.

9.2   Cheating

Cheating is an attempt to do an assignment or take a test or quiz by any means other than the exercise of one's own knowledge or effort. Examples of cheating include the following:

a) Using a textbook or any reference material, notes, notebook, dictionary, calculator, or any other electronic device during a quiz, test, final examination, and supervised laboratory or class exercises unless it is permitted by the instructor.
b) Looking at another student's test or quiz or allowing another student to look at one's own paper during the examination period.
c) Doing an assignment (paper, project, exercise, etc.) for another student, or having someone else to do one's own work.
d) Giving help to or asking for help from another person unless it is permitted by the instructing faculty.
e) Possession of mobile phone or any other electronic device in the examination hall while the exams are being conducted.
f) Changing an answer on an already-graded examination and then asking for a grade review.
g) Obtaining improper access to the contents of an exam.

9.3   Impersonation

Taking a test or exam in place of another student, or soliciting someone else takes that particular test or exam is termed as an act of impersonation:

a) A student who arranges for another individual to undertake or write a test or exam for   and on his/her behalf, as well as the individual who writes this test or exam, will be subject to discipline under Academic Integrity Code of the university. Both the impersonator and the student who takes

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[4] SafeAssign manual provides the following information which is helpful in understanding the SafeAssign score of the originality report. The overall SafeAssign score indicates the probability that the submitted work contains matches to existing sources. This score is a warning indicator only. Review students' work to see if the matches are properly attributed.
• Low: Scores below 15 percent: This work typically includes some quotes and few common phrases or blocks of text that match other documents. Typically, such work may not require further analysis as there might be no evidence of plagiarism.
• Medium: Scores between 15 percent and 40 percent: This work include extensive quoted or paraphrased material, or might include plagiarism. Review such work to determine if the matching text is properly referenced.
• High: Scores over 40 percent: A very high probability exists that text in this work was copied from other sources. Such work includes quoted or paraphrased text in excess, and need to be reviewed for plagiarism.
(Source: https://help.blackboard.com/SafeAssign/Instructor/Grade/Originality_Report)

benefit from the act of impersonation, if found guilty, would face severe penalty leading to dismissal from the University in accordance with the Academic Integrity code.

b) The university reserves a right to report this matter to the designated departments for further investigation and prosecution.

9.4   Academic Integrity Violations and Penalties

The faculty directly involved in teaching a particular course has the primary responsibility in educating his/her students to refrain from various forms of plagiarism, cheating and impersonation and to communicate clearly the penalties that the students might face by the Academic Integrity and Student Code Violations Committee (AISCVC) of the University in case they are found guilty of academic misconduct. The penalties are defined as under:

a) **Cheating/Plagiarism in Class** – Zero marks in the relevant component of class work/test along with a verbal reprimand or warning letter. This penalty is awarded by the relevant faculty for academic misconduct incidences during semester and must be reported to the Registrar.

b) **Cheating in Semester-End Exam** – Failing grade in the relevant course along with a warning letter for committing cheating in semester-end examination. This penalty is awarded by the AISCVC and must be reported to the Registrar.

c) **Second Offence** – Failing grade in the course and suspension for one semester. This penalty is awarded by the AISCVC and must be reported to the Registrar.

d) **Third Offence** – Failing grade in the course and dismissal from the university. This penalty is awarded by the AISCVC and must be reported to the Registrar.

e) **Impersonation** – Failing grade in the course and dismissal from the university. This penalty is awarded by the AISCVC and must be reported to the Registrar.

All incidences of misconduct and the penalty awarded by the faculty or AISCVC must be reported to the Registrar who shall maintain an <u>Academic Misconduct File</u> of all cases of academic dishonesty with the appropriate documentation. Registrar shall distribute an updated record version of Academic Misconduct File to the President, Vice President Academic Affairs, and all College Deans and Heads of Departments at the end of each semester.

9.5   Academic Integrity and Student Code Violations

A committee named "Academic Integrity and Student Code Violations Committee" shall be formed by the President of the University at the beginning of each academic year comprising at least three faculty members to review and decide any alleged violations of student code of conduct or any act of academic misconduct in accordance with the rules and regulations of the university.

9.5.1   Procedures

For matters relating to academic misconduct, it will be referred to the AISCVC either by the relevant faculty or the invigilator. The complete evidence of plagiarism/cheating or impersonation along with supporting material must also be provided. The academic integrity cases will be dealt in accordance with the relevant provisions of Academic Integrity Policy. The cases concerning student code of conduct violations may be reported by the Registrar to AISCVC along with detailed information/evidence. The AISCVC shall observe the following procedure:

(a) The Committee shall convene meetings as soon as possible after receiving the alleged case of misconduct. The Committee shall examine the evidence and hear the arguments from the faculty/staff who reported the academic misconduct or student code of conduct incident.

(b) The accused student shall be provided an opportunity of personal hearing before the Committee. The allegation shall be fully explained to the student and be allowed to give his/her point of view in defense. The student shall also have the right to examine the evidence and defend his/her position in front of the Committee. The proceedings of the case shall be properly documented.

(c) The Committee shall examine the case and evidence/defense presented during proceedings and decide the matter within seven (7) working days of receiving the case in accordance with the prevailing policies of academic integrity or student code of conduct.

(d) The Committee shall communicate its decisions along with complete record to the Registrar for implementation and documentation of cases of misconduct in an <u>Academic Misconduct File.</u>

9.5.2 Student Appeals Policy and Procedures

The student has the right to appeal to the Students' Grievance and Appeal Committee (SGAC) of the University against the penalty imposed by the Academic Integrity and Student Code Violations Committee within seven working days after the date the decision was notified. The appeal will generally be accepted, if made on one of the following grounds:

(a) Procedural irregularities
(b) Presenting new evidence
(c) Inconsistency of the decision

9.6 Students' Grievance and Appeal Committee (SGAC)

Students' Grievance and Appeal Committee (SGAC) is an appropriate forum to address students' grievances and students' appeal against AISCVC. In special circumstances, the President may refer a student's appeal to the SGAC and advise the committee to re-examine the entire case and submit its recommendations to the President for final decision.

9.6.1 Procedures

The key procedures to be followed by SGAC are as under:

(a) The Chairman Students' Grievance and Appeal Committee must inform the student in writing asking him/her to appear in front of the Committee to submit his/her grievances or the grounds of appeal against the decision of the Academic Integrity and Student Code Violations Committee.

(b) The Committee shall review/investigate the grievance/appeal and decide the matter within seven (7) working days of receiving the case. In case of any policy/procedure violation, the SGAC may refer the case back to AISCVC for review and decision.

(c) In case of an appeal, the decision of SGAC shall not result in the imposition of more severe penalty than those imposed initially.

(d) The Chairman SGAC shall submit its recommendations on the grievance/appeal to the President for approval. Once the decision is approved by the President, the Chairman SGAC will communicate the decision to the student as well as other relevant officials of the University.

(e) The decision of the President or the President's designee shall be final.

10.   Academic System

10.1 Semester

The University's academic activities are based on the American model of education which uses the credit hours and semester system. Semester means duration of study approximately equivalent to fifteen weeks. Each academic year consists of two semesters, fall and winter. The University may also run a Summer Semester of 9 weeks duration.

10.2 Credit Hour

One credit hour represents a course pursued for one period weekly during one semester of fifteen (15) weeks or for an equivalent period in a summer semester. Generally, a course valued at 3-credit hours requires three periods weekly for one semester; a 2-credit course requires two periods a week for a semester, and so forth.

Normally, the lecture or recitation period is 50 minutes long and the laboratory period is one hundred (100) minutes.

The number of credit hours is indicated in parentheses after each course title in the course outline, as (T-L-P). T = total credit hours; L = lecture hours; P = Laboratory / practical / tutorial hours.

10.3 Class Size Policy

At the undergraduate level the class size for theory sessions will be 40 students and the class size for laboratory sessions will strictly be 25 students at the maximum. For studio courses the class size will be limited to 18 students.

> *Note: At the undergraduate level the above mentioned limits are strictly enforced in case of specialization courses and may be relaxed for non-specialization courses to a maximum of 70 students when the nature of the subject and the instructional method permit it. The class size limits for general education, foundation and core courses, may accordingly be increased up to 70 students at the maximum after submission of proper justification for the approval of the Vice President for Academic Affairs.*

The Deans/Academic Heads/Program Directors should monitor class enrollments in the semester prior to commencement of classes so that faculty will have adequate time for modifications if their teaching schedules change.

10.4 Classification of Students

AGU students are classified as either degree or visitor students.

10.4.1 Degree Students

These are students who have applied, been admitted, and *enrolled in a degree program* of the University during the semester for which they were admitted. Since all the undergraduate courses of the university are integral part of four-year curricula, students are designated as freshmen, sophomores, juniors or seniors.

Freshman: A student who has completed less than 30 semester credit hours.
Sophomore: A student who has completed more than 30 semester credit hours, but less than 60.
Junior: A student who has completed more than 60 semester credit hours and less than 90.
Senior: A student who has completed 90 or more semester credit hours.

10.5 Program and Specialization

(a) A *Program* of study is a sequence of courses which have to be completed to earn a degree, diploma, or certificate.

(b) A *specialization* is a sequence of courses/electives within a *Program*, as defined in various programs offered by various colleges.

(c) Total number of credit hours required to get the award of a specific program may differ from one program to another.

10.6 Sequencing of Courses

Each Program or Major has its own requirements and may provide considerable flexibility in the choice of courses. However, each program requires the students to follow a prescribed flow of sequence of courses that is based on some academic logic and rationale. The sequence suggested by the college or the academic advisors is highly recommended since it ensures the smooth progress of students.

10.7 Distribution of Degrees and Certificates

(a) Degrees and Certificates shall be conferred at graduation and at such other times during the year and in such manner as the Senate and the President may decide. Degrees and certificates that are to be conferred at a graduation ceremony will be conferred only on candidates who are present in that ceremony. Upon the approval of the President, a degree or certificate may be conferred in absentia for those who are not present.

(b) Only registered students who have completed at least 50% of their credits at AGU and have successfully completed the requirements of the prescribed program shall be eligible for the award of the University Degree or Certificate.

10.8 Degrees

(a) Names of candidates for degrees/diplomas shall be presented to and approved by the College Board in that program and the Senate.

(b) Degrees are to be prepared by the Office of the Registrar, and will include the signatures of the President, Registrar, and the Dean/Academic Head.

(c) Names which appear on AGU's certificates and degrees will be taken from the records as it appears on the student's passports or ID-cards. If a name on the passport or ID-card does not appear in English, then the name will be printed according to the record of admission or registration form submitted by the student.

(d) Degrees shall be distributed by the Registrar. The Registrar shall make and keep an official record of the program for which each degree was issued.

(e) Holders of Degrees from AGU may, when a replacement is needed, request a duplicate to be issued. The notation "replacement for degree of year ____" will be written on the duplicate degree.

(f) A fee may be charged for issuing a duplicate or a replacement of Degree or Certificate.

10.9 Certificates

(a) Certificates may be awarded on the basis of:
    i. Academic credit granted;
    ii. Participation in or satisfactory completion of educational courses, short courses, or non-credit courses of sixteen (16) or more contact hours of instruction;

iii. The awarding of certificates shall be approved by the College/Departmental Board of the College/Department that is responsible for the offering such courses;

(b)   The format of each certificate will be approved by the President. Certificates will include the signatures of University officials authorized by the President. The Registrar will keep an official record of each certificate issued, including the date issued and a description of the program of instruction for which the certificate is issued.

10.10 Academic Load

For an undergraduate student, the course load requires a significant amount of work outside the classroom; typically 2-3 hours for every hour in class. This ratio may vary from one course to another. The underlying principle here is that students, especially working students, shall plan their academic load and other commitments very carefully.

Undergraduate Programs
The minimum academic load in a regular semester shall be twelve (12) credit hours and maximum academic load shall be eighteen (18) credit hours. Under certain circumstances these limits may be relaxed as specified under (a, b and c):

(a)   The minimum academic load of twelve credit hours in a regular semester can be relaxed if:
   (i) a student needs less than 12 credit hours to graduate in a semester.
   (ii) a student cannot take the required minimum credit hours due to unavoidable circumstances.

(b)   The maximum academic load of twenty one (21) credit hours in a regular semester may be allowed in the following cases:
   (i) if the student CGPA is 2.7 or above.
   (ii) if the student is in the final semester and graduating.

(c)   In a summer semester of nine weeks duration a student shall be allowed academic load of nine credit hours at the maximum. However, graduating students and students having CGPA 3.0 or above can register up to twelve (12) credit hours.

(d)   A student with the CGPA less than 2.0 will be on probation and his/her maximum academic load in a regular semester shall be 12 credit hours.

For Visiting Undergraduate Students
Visiting students are allowed to register for nine (09) credit hours per semester. However on the recommendation of the academic advisor and the approval of the concerned Academic Head/Dean, a student may be allowed to register for twelve (12) credit hours.

10.11 Minimum and Maximum Period of Study for Undergraduate Programs

As a general rule, minimum and maximum period for completion of an undergraduate degree depends on the total credit hours required for each program. However, in terms of minimum and maximum period of study, the following rules will be observed:

(a)   Minimum period of study for completion of a program is seven (7) normal semesters, or six (6) normal semesters plus two (2) summer semesters.

(b)   Maximum period of study a student should take to complete an undergraduate program is fourteen (14) semesters.

(c)   Cancelled registration or withdrawal period (freeze - in study) shall not be considered in calculating the minimum or maximum period of study.

(d)   The University Senate, on recommendation from the concerned College Board, may reduce the minimum period of study or increase the maximum period of study by two semesters only**.**

10.12 Intensive Modes of Course Delivery

AGU has a policy of delivering courses over a period shorter than the standard semester, for example, summer semester. A 3-credit course which is normally delivered in a standard semester of 15 weeks (45 credit hours) could be delivered in an intensive mode during a condensed period of 9 weeks, i.e., summer semester. The intensive mode would not affect the quality of the course or standard of the program but would provide a higher degree of flexibility in the delivery of the courses and programs which is useful in addressing the needs of our graduate students who are mostly full-time professionals and struggle to balance their study with their professional and private lives.

10.12.1 Academic Standards and Policies

AGU will ensure that the intensive mode format shall observe and implement same set of academic policies, rules and regulations as for regular format. A summary of characteristics of intensive mode format that will be common with the regular format are given below:

1. Admission and registration policy
2. Student academic load
3. Class size policy
4. Academic standing
5. Grading system
6. Graduation requirement
7. Course assessment
8. Feedback to students
9. Grades appeal
10. Class attendance
11. Academic integrity
12. Examination policies and regulations
13. Internal co-examiner and external examiner system
14. Faculty workload
15. Academic advising
16. Student evaluation of teaching
17. Course files
18. Course learning outcome assessment
19. Program effectiveness

10.12.2 Compliance with CAA Guidelines

The content of the courses offered in the intensive mode shall be amenable to the courses offered in standard semester in terms of class contact time and comparable expectations for out-of-class study time. AGU will also ensure that the courses offered in the condensed format will have the sufficient time for preparation, reflection, analysis and the achievement of learning outcomes by fully complying with the CAA guidelines received on May11, 2010 entitled "Intensive delivery of higher education programs - CAA Guidelines".

10.13 Grading System

The AGU uses the relative grading system which is based on a four-point scale to calculate the grade point average (GPA). The specific grading scheme used at AGU is as follows:

Letter Grade	Description	Included in		Grade Points	Percentages
		Credits Counted	CGPA		
A	Outstanding	Yes	Yes	4.00	91.00-100
A-	Excellent	Yes	Yes	3.70	86.00-90.99
B+	Very Good	Yes	Yes	3.30	81.00-85.99
B	Good	Yes	Yes	3.00	76.00-80.99
B-	Good	Yes	Yes	2.70	70.00-75.99
C+	Satisfactory	Yes	Yes	2.30	66.00-69.99
C	Average	Yes	Yes	2.00	62.00-65.99
C-	Below Average	Yes	Yes	1.70	58.00-61.99
D+	Poor	Yes	Yes	1.30	54.00-57.99
D	Poor	Yes	Yes	1.00	50.00-53.99
F	Fail	Yes	Yes	0.00	0-49.99
WF	Withdraw Fail	No	No	N/A	
IC	Incomplete	No	No	N/A	
P	Pass (for Credit Transfer	Yes	No	N/A	
W	Withdrawal	No	No	N/A	
R	Repeated	No	No	N/A	
#	Not Counted	No	No	N/A	
For English test preparatory courses the letter grades "FE" and "PE" are used. FE indicates "Fail English" whereas PE indicates "Pass English".					

10.13.1 General Rules

Each grade (shown in the above table) has an effect on the student's academic progress and academic standing. The following provisions shall be applicable while interpreting the impact of these grades:

a) Students must repeat or replace any required course in which a grade F, WF, or W is awarded.

b) When a course is repeated, an F, WF, or W will be changed to R on the student transcript, while the new grade (also shown on the transcript) substitutes for the letter grade "F".

c) Grades for which no grade point value is assigned, (such as WF, IC, P, W, and R) are not used in the computation of GPA/CGPA.

d) For non-credit courses "#" code is assigned before the course code and is not included in the computation of GPA/CGPA.

10.13.2 Grades for Credit Transfer

For courses taken at another accredited university the students may apply for transfer of credits by following AGU prescribed credit transfer equivalency requirements. All courses accepted for credit transfer are assigned "P" grade.

10.13.3 Withdrawal Grade

A student missing a prescribed number of classes in a course or failed to withdraw from a course before a prescribed deadline published in the academic calendar may be subjected to "withdraw fail" grade and assigned a letter grade "WF" in the system. A student may opt to withdraw from the course before a prescribed published deadline and is assigned a letter grade "W".

10.13.4 Incomplete Grade

Grade (IC) can be granted when a student has satisfactorily completed at least three fourth of the term/semester course work but for reasons(s) beyond the student's control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it and also has passing status in the course work.

A student who receives an (IC) is responsible for making up whatever part of course work was left during the next offering of that course. If the course requirements are not completed within the specified time, a grade (F) will be recorded and the CGPA will be adjusted accordingly. Students who are making up an incomplete work shall not register for the course requiring the makeup work.

However, the students must make individual arrangements with the instructor who assigned the (IC) grade or any other instructor who is teaching this particular course at that time. It is the responsibility of a student to follow up with the course instructor or the Dean/Academic Head, to ensure that the incomplete part of course work is completed.

10.13.5 Grade Point Average

The academic performance in any semester is indicated by the Grade Point Average (GPA). The GPA is the sum of grade points for each course taken by the student during the semester divided by the total number of credit hours attempted during that semester.

Computation of GPA

The GPA is computed as follows:

    i.   Multiply the points earned in a course by the credit hours of the course.
   ii.   Add all the points earned in all the courses taken during specific semester.
 iii.   Divide this sum by the total number of credit hours registered by the student in that particular semester.

<div align="center">Example of GPA Calculation</div>

Course	Grade		Credit Hours	Credit Points	GPA for Semester
	Letter Grade	Points			
English Composition	A	4.00	3	12.00	
Computer Application	B+	3.30	3	9.90	Total Credit Points ÷ Credit Hours
Introduction to Business	B	3.00	3	9.00	
Corporate Finance	C	2.00	3	6.00	
			12	36.90	Semester GPA = 36.9 ÷ 12 = 3.08 Points

10.13.6 Cumulative Grade Point Average (CGPA)

The overall academic performance in all semesters is given by the Cumulative Grade Point Average (CGPA). The CGPA is the sum of grade points for all courses taken by the student during all semesters inclusive of the current semester divided by the total number of graded credit hours attempted for all courses taken by the student during all semester inclusive of the current semester.

Computation of CGPA

The CGPA is computed as follows:

    i.   Add the Credit Points for all semesters, as calculated above (Total credit points).
   ii.   Divide this sum by the total number of credit hours attempted.

<div align="center">Example of CGPA Calculation</div>

Course	Grade		Credit Hours	Credit Points	Semester/Cumulative GPA
	Letter Grade	Points			
1st Semester (Fall 2006/2007)					
English Composition	B+	3.30	3	9.90	Total Credit Points ÷ Credit Hours
Computer Application	C	2.00	3	6.00	
Introduction to Business	C+	2.30	3	6.90	
Corporate Finance	A	4.00	3	12.00	
			12	34.80	1st Semester GPA = 34.8 ÷ 12 = 2.9 Points
2nd Semester (Winter 2006/2007)					
Report Writing	B	3.00	3	9.00	Total Credit Points ÷ Credit Hours

International Marketing	A	4.00	3	12.00	
Organizational Behavior	A	4.00	3	12.00	
Project Management	C	2.00	3	6.00	
			12	39.00	2nd Semester GPA = 39 ÷ 12 = 3.25 Points
			24	75.80	Cumulative GPA = 75.80 ÷ 24 = 3.075 Points

10.14 Completion Requirement

Completion requirements for successful completion of the undergraduate programs are as follows:
   a) Registered students are awarded a degree / diploma after satisfactorily completing the number of credit hours and CGPA requirements as specified in the academic program and upon the recommendation of the College Board.
   b) For all colleges in the University a student should achieve CGPA of not less than (2.0) points.
   c) The student must have earned at least 50% of his/her credits at AGU.

A student who has completed 90 credit hours must meet his/her academic adviser to ensure that he/she can meet the University, College/Departmental, and program requirements for graduation on time. The student shall pay the specified university graduation fee at the start of the semester in which the student is expected to complete all graduation requirements. The deadlines to pay such fee for each semester are as follows:
   ➢ February 15 for May graduation (Winter Semester)
   ➢ October 15 for January graduation (Fall Semester)

The students must complete "The Application for Graduation" form as the information concerning the graduation (such as time, place, invitation, rental of academic regalia) shall be mailed to the students who have submitted this form. No student will receive his/her degree or diploma or a copy of transcript unless the University fees are fully paid by the student.

10.14.1 Classification of Bachelor Degree

The Bachelor Degree is classified as follows:

CGPA	Classification
3.90 to 4.00	Honors
3.70 to 3.89	Outstanding
3.60 to 3.69	Excellent
3.00 to 3.59	Very Good
2.50 to 2.99	Good
2.00 to 2.49	Satisfactory

10.15 Academic Standing and Academic Progress Policy

A student of undergraduate program must maintain CGPA 2.0 or above at the end of each semester for satisfactory progress. If a student drops CGPA below 2.0 in a semester the following university policy will be applicable for such students of undergraduate programs:

10.15.1 First Academic Warning

   a) If a student drops CGPA below 2.0 in a semester he/she will be placed on probation and will be given First Academic Warning.
   b) Such student must repeat courses with "F/D/D+" grades and any other course in consultation with the Academic Adviser. It is the responsibility of the student to meet the academic advisor

to discuss and sign the probation recovery plan before registering any course during his/her probation.

   c) Such student who is on probation with first academic warning cannot take more than 12 credits in a semester.

10.15.2 Final Academic Warning

   a) In case a student fails to recover his/her CGPA 2.0 or above by the end of the first semester of probation, he/she will remain on probation in the next semester and will be given the Final Academic Warning.

   b) Such student must repeat courses with "F/D/D+" grades and any other course in consultation with the Academic Adviser. It is the responsibility of the student to meet the academic advisor to discuss and sign the probation recovery plan before registering any course during his/her probation.

   c) Such student who is on probation with final academic warning cannot take more than 12 credits in a semester.

10.15.3 Dismissal from Program of Study

In case the student fails to raise his/her CGPA to the requisite level of 2.0 or above by the end of second semester of academic probation with final academic warning, he/she will be dismissed from the program of study.

10.15.4 Regular Registration in the Program

At any stage of probation when student attains the CGPA to the requisite level of 2.0 or above, he/she will be converted into regular registration of the program.

10.15.5 Appeal/Change of Program

   a) In case the student makes an appeal against dismissal from the program of study, and his/her appeal is accepted by appellant authority, the concerned student will follow the Exceptional Recovery Plan prepared by the College to pursue further study.

   b) In case the appeal of student against dismissal from the program of study is rejected by the appellant authority the earlier decision for "Dismissal from the Program" shall stand valid.

   c) Similarly if the student opts to change the program after his/her dismissal from the program of study the case will be considered as closed.

10.15.6 Online registration during probation

Students on probation cannot register online and shall consult their Academic Advisers for advice and further course of action as per policy laid down for undergraduate programs

10.16 Assessment

(a) A student failing to satisfy the requirements in any component of the prescribed course work for any course will be assigned an NC grade for that component [NC is not a grade that appears in the grading system. It is only an indicator for a component that is not completed by a student].

(b) Student failing to pass the continuous components of a course may be debarred from writing the semester-end exam for that course.

(c) The decision for debarring a student from the final examination in any course shall be the responsibility of the College/Departmental Board upon recommendation from the course instructor through Dean/ Academic Head.

(d) A student who has been debarred from taking the final examination in any course shall be deemed to have failed in that course.

(e) The assessment items used in the course must assess the appropriate course learning outcomes.

(f) The choice of assessment items in junior and senior year level courses must not only be at an appropriate level but also reflect progression from introductory to advance learning.

(g) Semester-end examinations may carry a maximum of 30% of the total marks. A student failing to pass the semester-end exam of a course will be considered failed in that particular course.

(h) Continuous assessment items may consist of class work, assignments, phase tests, projects, cases studies, presentations, practical/laboratory tasks, field work etc., and will carry a minimum of 70% of the total marks.

(i) The total number of continuous assessment items in a single semester course shall be between 4 and 6.

10.17 Feedback to Students

(a) Each student shall receive appropriate feedback after each assessment task. Such feedback shall be provided within such time, and in such manner, that a student has the opportunity to assess his/her own standing and the anticipated grades based on current cumulative performance.

(b) The practice of annotation against answers and other markings should be used for indicating strengths and weaknesses of the student response.

(c) The Academic Advisor shall review a copy of the most recent assessment and grades of the students and shall contact those students who may require some help and advice to improve their performance.

(d) The following time frame must be adhered by the faculty and Deans/Heads of Academic Departments in providing the timely feedback or grades to their students.

    i. Marks and grades (or anticipated grades) must be communicated to the students within 7 working days of the submission date of any particular task.

    ii. Marks and Grades (or anticipated grades) must be communicated to the students within 7 working days of the administration of the final examination.

    iii. Model answer of each assessment item or final examination in accordance with the marking scheme given in the assessment item or final examination should also be displayed on the notice board or electronic boards. The marking scheme should be provided to the students before they attempt any particular assessment item.

(e) It is important that such feedback is provided in a manner that will help the students understand their strengths and weaknesses, reflect on them, and offer an opportunity for them to improve their performance and learning.

10.18 Semester-End Marks and Grades Appeal

(a) All grades of the students should be communicated to the student and each component should be signed / acknowledged as seen by the student.

(b) It will be the responsibility of the student to contact his/her instructor in case he/she has any grievance about the marks or grade awarded by the instructor.

(c)   A student seeking a further review may submit an application to the concerned Dean/Academic Head for reconsideration of his/her marks/grade within one week of the declaration of the examination result.

(d)   A student shall pay the appropriate grade appeal fee. The Dean/Academic Head shall form a committee (including the faculty member who assigned the grade) to review the case.

(e)   The committee shall submit its recommendation to the Dean/Academic Head within one week from its formation. The decision of the Dean/Academic Head shall be considered final in determining the marks / grade of the appealing student.

10.19 Attendance

(a)   Attendance is the presence in classes, laboratories, workshops and/or studio sessions or any other activity prescribed in a course that requires attendance of the student.

(b)   Students are expected to attend classes regularly. Lateness or absence hinders student's progress and also affect his/ her grade. Instructor may or may not allow the students to make up any work/assignment/task or a test that they have missed due to their absence.

(c)   Lateness is defined by the instructor for his /her sessions. Generally, four occasions of lateness count as one absence. It should be clearly documented in the course teaching plan and instructors are to draw students' attention to attendance requirement.

(d)   If a student misses five percent (5%) of the total number of classes in a course without a legitimate reason accepted by the University, the student shall receive a documented verbal warning from the instructor.

(e)   If a student misses fifteen percent (15%) of the total number of classes in a course without a legitimate reason accepted by the University, the student shall receive a written warning from the Dean/HOD.

(f)   In the event a student misses twenty five percent (25%) of the total number of classes in a course, for any reason, the instructor may initiate a case of withdrawal of the student from the course. If approved by the Dean/Academic Head, the withdrawal is implemented. A grade *WF* will be entered on the student's record.

(g)   Attendance records are maintained and entered in the student information and management system on a regular basis.

11.   Colleges and Academic Programs

The mission of AGU is carried out by its Colleges/Departments and non-academic departments. The programs offered at AGU are listed below:

(a)   College of Business
- Bachelor of Business Administration (BBA)
- Master of Business Administration (MBA)

(b)   College of Engineering and Computing
- Bachelor of Science in Computer Science and Engineering (BSCSE)
- Bachelor of Science in Electrical and Electronics Engineering (BSEEE)
- Bachelor of Science in Computer Information Systems (BSCIS)
- Bachelor of Science in Mechanical Engineering (BSME)

(c)   College of Architecture and Design
- Bachelor of Arts in Interior Design (BAID)
- Bachelor of Architecture (BARCH)

(d)   College of Law
- Bachelor of Law (Arabic Medium)
- Master of Public Law (Arabic Medium)
- Master of Private Law (Arabic Medium)

(e)   College of Education and Social Sciences
- Bachelor of Education (Arabic Medium)
- Professional Diploma in Teaching (PDT) (Arabic Medium)
- Bachelor of Arts in Public Relations (BAPR) (Arabic Medium)

The College also offers general education courses (that are a part of the Bachelor program curricula) and the English language courses.

11.1 General Education

The program structure of the Bachelor's degrees consists of a basic component of general education courses, foundation courses, as well as core and specialization courses. To graduate, students are required to complete successfully the prescribed number of credits of the general education courses. This section provides information about the general education program's goals, outcomes, and details of the courses included in the program.

11.1.1 General Education Goals

Upon the successful completion of the general education curricula, students will be able to:

(a)   think critically and analytically, integrate and synthesize knowledge, and draw conclusions from complex material;
(b)   acquire consciousness of the diversity of human culture and experience;
(c)   develop the mathematical and quantitative skills necessary for calculation, analysis and problem solving;
(d)   employ writing and speaking skills for different purposes effectively; and,
(e)   utilize standards and conventions appropriate to both academic and technical writing.

11.1.2 Program Outcomes

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

(a)   demonstrate logical organization, coherent thinking, and precision in writing and speaking;
(b)   use arithmetic, algebraic, and statistical methods to solve problems;
(c)   apply scientific concepts and methods of inquiry;
(d)   employ critical thinking skills in addressing issues and problems; and,
(e)   utilize research skills in assignments and projects.

11.1.3 General Education Courses

#	Code	Title	Credit Hours	Prerequisite	Minimum Credits Required
English Language
1	ENL 101	English Composition	3	None	12
2	ENL 102	Communication Skills	3	None	
3	ENL 103	Technical Writing	3	None	
4	ENL104	Research and Learning Skills	3	None	
Science and Technology*
5	SAT 101	General Mathematics	3	None	6
6	SAT 102	Fundamentals of Statistics	3	None	
7	SAT 103	Computer Applications and Technology	3	None	
8	SAT 104	Environmental Studies	3	None	3
9	SAT 105	General Science	3	None	
Social Sciences and Humanities
10	SAH 101	UAE Society	3	None	9
11	SAH 102	Islamic Studies	3	None	
12	SAH 103	Reasoning and Critical Thinking	3	None	
	**Total**	**30**

These GE courses are tailored to satisfy the needs of various academic programs of the university. Each program may specify a set of three courses from the cluster of five courses offered under the Science and Technology stream."

11.2 English Preparatory (EPP) Program

The applicants who do not fulfill the English Language requirement for full admission of the program, are required to enroll in the English Language Preparatory Program (EPP) offered by the Department of General Education and satisfy the English Language admission requirement within the prescribed duration of the EPP in order to be fully admitted. Failing to satisfy this condition will lead to their dismissal from the program.

Such students will approach the Department of General Education to

(i)   take an English Language placement test, if required.
(ii)   enroll in one of the EPP levels based on their score in English placement test or TOEFL/IELTS or its established equivalent.

English Preparatory Program (EPP) consists of three levels (Level I, II and III). The students are placed in an appropriate level based on their score achieved in the English language placement test or score in the TOEFL/IELTS or its established equivalent. The study plan and the exit standards for each of the EPP level are given below:

EPP Level	Admission Eligibility Criteria	ETP Courses (non-credit)	Number of General Education (GE) Courses student may register while studying at each level	Minimum Pass Score[5]
Level-I	Placement Test < 400 TOEFL < 400 IELTS < 4.0 or equivalent	ETP 001	Up to 2 GE Courses Max 6 credits	TOEFL 400 or IELTS 4
Level-II	Placement Test 400 to < 450 TOEFL 400 to < 450 IELTS 4.0 TO < 4.5 or equivalent	ETP 002	Up to 3 GE Courses Max 9 credits	TOEFL 450 or IELTS 4.5
Level-III	Placement Test 450 to < 500 TOEFL 450 to < 500 IELTS 4.5 TO < 5 or equivalent	ETP 003	Up to 4 GE courses max 12 credits	TOEFL 500 or IELTS 5

The student will strictly follow the EPP study plan wherein maximum limit of credit bearing courses has been specified in addition to the compulsory non-credit ETP courses for each level. On successfully satisfying the English language requirement for full admission, any time during the probationary period, the probationary admission of the student will be converted into full admission and he/she will be exempted from remaining ETP courses. The credits earned by a student in the General Education credit bearing courses will be counted towards the requirement of his/her program of study.

11.3 College of Business

11.3.1 Mission

(a)   Provide quality business education on undergraduate and graduate levels.
(b)   Develop business leaders with integrity and intellectual capacity to contribute to the society.
(c)   Contribute to the improvement of the practice of management.
(d)   Generate and disseminate business-related knowledge.

11.3.2 Goals

(a)   Achieve high level of engagement among students by adhering to the core values.
(b)   Enable our students to grow both personally and professionally and to develop competencies that would give them an edge in their lives and their careers and improve their employability.
(c)   Ensure the quality of our teaching and research as well as its influence on management practices and, thus, on business and society in general.
(d)   Integrate the best of worldwide business-teaching practices in our program offerings.
(e)   Create conducive environment to support faculty research and creativity activities.
(f)   Promote national and international links with alumni, industry, academia, and society.
(g)   Provide physical, financial, informational, and human resources in order to make the program a success.

11.3.3 Objectives

(a)   To offer quality academic programs in business that will be continually assessed and improved.
(b)   To improve and encourage industry/business world interaction and participation to enhance college's role in contributing to the business development of the region.
(c)   To make students aware of the ethical, legal and social aspects of business activities.

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[5] *Student excelling in any of the ETP levels may choose to sit for IELTS or TOEFL exam at any time. A student who scores 500 on the paper based TOEFL, 61 on the IBT or 5.0 on the IELTS any time during the preparatory program shall be exempted from the remaining ETP course(s) and he/she will be eligible to seek admission into an undergraduate program.*

(d)   To equip students with knowledge, communication abilities, management and organizational skills and attitudes so that they can use modern technology, quantitative methods and analytical tools in various business situations.

(e)   To prepare students for higher learning and careers in business

11.3.4 Undergraduate Programs Offered

(a)   Bachelor of Business Administration (BBA) with specializations in:
- Marketing
- Finance
- Accounting
- Information Systems and E-Commerce
- International Business
- Human Resource Management
- Quality Management
- General

11.3.5 BBA Program Objectives

(a)   Provide general business education.

(b)   Prepare students for entry level positions in business.

(c)   Foster relationships with the business community.

(d)   Equip students with a sense of social responsibility and ethical behavior in a global business environment.

11.3.6 BBA Program Learning Outcomes

The outcomes of the BBA program cover different levels of cognitive skills such as knowledge, comprehension, application, analysis, synthesis, and evaluation. On the successful completion of the Bachelor of Business Administration (BBA) Program, a student will be able to:

(a)   Demonstrate a clear understanding of the basic concepts and principles of business administration.

(b)   Apply theoretical concepts of business administration to the operational aspects of business.

(c)   Use the methodologies, techniques and analytical tools in key areas of business such as Finance, Accounting, Marketing, International Business, and Information Systems in analyzing real life business situations.

(d)   Demonstrate the ability to understand the importance of ethical, legal and social aspects of the business activities in a global environment.

(e)   Communicate effectively both orally and in writing.

(f)   Prepare to assume entry level positions in the job market or pursue higher education in business.

11.3.7 BBA Degree Requirements

Total Number of Credit Hours: 123 (One Hundred and Twenty Three)

General Education Courses	30 Credits
Foundation Courses	33 Credits
Core Courses	36 Credits
Specialization Courses	18 Credits
Electives	6 Credits

General Education Courses

Codes	Course Title	Credit Hours
ENL 101	English Composition	3
ENL 102	Communication Skills	3
ENL 103	Technical Writing	3
ENL 104	Research & Learning Skills	3
SAT 101	General Mathematics	3
SAT 103	Computer Applications and Tech.	3
SAT 104	Environmental Studies	3
SAT 105	General Science	
SAH 101	UAE Society	3
SAH 102	Islamic Studies	3
SAH 103	Reasoning and Critical Think.	3

Foundation Courses

Codes	Course Title	Credit Hours
BSA 201	Introduction to Financial Accounting	3
BSE 201	Principles of Micro Economics	3
BSE 202	Principles of Macro Economics	3
BSG 201	Principles of Management	3
BSM 201	Fundamentals of Marketing	3
BSG 202	Human Resources Management	3
BSF 201	Principles of Financial Mgt.	3
BSG 203	Introduction to Business Law	3
BSG 204	Principles of Entrepreneurship and Small Business Management	3
BSG 205	Business Statistics	3
BSS 201	Management Information Systems	3

Core and Specialization Courses

Codes	Course Titles	Credit Hours
BSG 302	Organizational Behavior	3
BSG 303	Project Management	3
BSG 304	Leadership Skills	3
BSG 305	Decision Science	3
BSG 310	Internship	3
BSG 490	Strategic Management (CSC)	3
BSI 301	International Business	3
BSG 307	Operations Management	3
BSA 301	Management Accounting	3
BSE 301	Economy and Business in GCC	3
BSG 306	Business Communications	3
BSS 301	Introduction to Business Technologies	3

Codes	Specialization – Marketing	Credit Hours
BSM 302	Advertising and Sales Promotion	3
BSM 403	Marketing Strategies	3
BSM 303	Consumer Behavior	3
BSM 304	Service Marketing	3
BSM 401	International Marketing	3
BSM 402	Marketing Research	3

Codes	Specialization – Finance	Credit Hours
BSF 301	Financial Institutions and Markets	3
BSF 430	Corporate Finance	3
BSF 302	Working Capital Management	3
BSF 401	Security Analysis and Portfolio Management	3
BSF 402	International Financial Management	3
BSF 303	Financial Statements Analysis	3

Codes	Specialization - Information Systems and E-Commerce	Credit Hours
BSS 304	Data Base Management Systems	3
BSS 350	Telecommunication and Network Management	3
BSS 352	Systems Analysis and Design	3
BSS 403	Business Intelligence	3
BSS 405	Information Systems Security	3
BSS 490	Information Systems Project Work	3

Codes	Specialization – Accounting	Credit Hours
BSA 302	Intermediate Accounting I	3
BSA 430	Advanced Accounting	3
BSA 303	Cost Accounting	3
BSA 402	Accounting Information System	3
BSA 403	Auditing	3
BSA 401	Intermediate Accounting II	3

Codes	Specialization – International Business	Credit Hours
BSM 401	International Marketing	3
BSF 402	International Financial Management	3
BSI 320	International Trade	3
BSI 330	Global Business Strategy	3
BSI 403	Special Topics in International Business	3
BSI 404	International Human Resources Management	3

Codes	Specialization – Human Resource Management	Credit Hours
BSH 302	Performance Management	3
BSH 303	Strategic Human Resource Management	3
BSH 304	Staffing and Techniques of Employee Selection	3
BSH 401	Compensation and Benefits Management	3
BSH 402	Managing Professional Development	3
BSH 410	Ethics at Workplace	3

Codes	Specialization – Quality Management	Credit Hours
BSQ 301	Achieving Business Excellence	3
BSQ 302	Business Process Management	3
BSQ 303	Managing Service Quality	3
BSQ 304	Managing Sustainable Performance	3
BSQ 401	Principles of Total Quality Management	3
BSQ415	Research Paper - Quality	3

Codes	Specialization – General^	Credit Hours

^ The students will have the option of choosing ONE course from each of the concentration subject to a maximum of 18 credits.

Codes	*Elective Courses	Credit Hours
BSG 410	Business Research Methods	3
BSA 410	International Accounting	3
BSF 410	Special Topics in Finance	3
BSM 410	Special Topics in Marketing	3
BSS 410	Special Topics in E-Commerce	3

* **Elective courses:** In addition to the courses in his/her field of specialization a student can choose any two courses (6 credits) from the elective courses or alternatively choose any two courses (6 credits) form any other specialization.

11.4 College of Engineering and Computing

11.4.1 Mission

The College of Engineering and Computing aims to provide high quality education and training in various fields of engineering and computing which would prepare students to function responsibly as professionals in the domains of engineering and information technology. The College also endeavors to produce and disseminate research which is relevant to the needs of the region and wider global community.

11.4.2 Goals

(a)   To provide high quality education in the domains of engineering and computing;
(b)   To enable graduates to function optimally as professionals in the regional and international job market;
(c)   To motivate students to pursue lifelong learning;
(d)   To actively participate in research and consultancy in the fields of engineering and computing.

11.4.3 Objectives

To prepare students who have the ability to:
(a)   Analyze problems in the domains of engineering and computing in order to design and implement appropriate solutions;
(b)   Evaluate the effectiveness of various engineering and computing solutions.
(c)   Earn independently and apply state-of-the art technologies;
(d)   Communicate effectively and prepare reports to disseminate project findings.

11.4.4 Undergraduate Programs Offered

The college offers the following undergraduate programs:

(a)   Bachelor of Science in Computer Science and Engineering (BSCSE)
(b)   Bachelor of Science in Electrical and Electronics Engineering (EEE)
(c)   Bachelor of Science in Computer Information Systems (CIS)
(d)   Bachelor of Science in Mechanical Engineering (BSME)

11.4.5 BSCSE Program Objectives

The BSCSE program educational objectives are based on the college mission statement. The program is developed and run aiming that the graduates of BSCSE program, after few years of graduation, will have:

(a)   Demonstrated their ability to apply the knowledge of mathematics and basic sciences, computing, and engineering to solve the complex problems in the field of computer science and engineering.
(b)   Established effective communication skills, teamwork, and leadership capabilities.

(c)   Practiced ethical and societal responsibilities in their career.

(d)   Engaged themselves in life-long learning to understand and apply new technological developments in computer science and engineering.

11.4.6 BSCSE Student Outcomes

The BSCSE student outcomes have been adopted from the ABET. Upon successful completion of the BSCSE program, a graduate will be able to:

1. identify, formulate, and solve complex computer science and engineering problems by applying principles of computing, engineering, science, and mathematics.
2. design, implement, and evaluate a computing-based solution that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. communicate effectively with a range of audiences.
4. recognize ethical and professional responsibilities in computing and engineering situations and make informed judgments, which must consider the impact of computing and engineering solutions in global, economic, environmental, and societal contexts.
5. function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. develop and conduct appropriate experimentation, analyze and interpret data, and use computing and engineering judgment to draw conclusions.
7. acquire and apply new knowledge as needed, using appropriate learning strategies.

11.4.7 BSCSE Degree Requirements

Minimum Number of Semester Credits:	**139** Credits
(136 On-Campus credits plus 03 Off-Campus credits)	

General Education Courses	30 Credits
Mathematics and Basic Sciences Courses	28 Credits
Fundamental Engineering Courses	24 Credits
CSE Core Courses	45 Credits
Specialization Elective Courses	12 Credits

General Education Courses

Course Code	Course Title	Credit Hours	Pre-requisite
ENL 101	English Composition	3	None
ENL 102	Communication Skills	3	None
ENL 103	Technical Writing	3	None
ENL 104	Research and Learning Skills	3	None
SAH 101	UAE Society	3	None
SAH 102	Islamic Studies	3	None
SAH 103	Reasoning and Critical Thinking	3	None
SAT 102	Fundamentals of Statistics	3	None
SAT 103	Computer Application and Technology	3	None
SAT 105	General Science	3	None
	Subtotal	**30**	

Mathematics and Basic Sciences Courses

Course Code	Course Title	Credit Hours	Pre-requisite
CHM 111	General Chemistry	3	None
MAT 111	Calculus I	3	None
MAT 112	Calculus II	3	MAT 111
MAT 113	Linear Algebra and Complex Variables	3	MAT 111
MAT 214	Differential Equations	3	MAT 112
MAT 215	Discrete Mathematics	1	None
MAT 216	Introduction to MATLAB	3	MAT 113
MAT 317	Probability Theory	3	SAT 102
PHY 111	Engineering Physics I	3	None
PHY 112	Engineering Physics II	3	PHY 111
Subtotal		**28**	

Fundamental Engineering Courses

Course Code	Course Title	Credit Hours	Pre-requisite
ENG 131	Introduction to Programming	3	None
ENG 232	Engineering Graphics	2	SAT 103
ENG 241	Circuit Analysis I	3	PHY 112
ENG 251	Digital Logic Design	3	SAT 103
ENG 252	Electronics I	3	ENG 241
ENG 323	Engineering Economics	2	None
ENG 343	Signals and Systems	3	MAT 214
ENG 354	Microprocessor Programming and Interfacing	3	ENG 251
ENG 425	Social and Ethical Issues in Engineering	2	ENG 323
Subtotal		**24**	

BSCSE Core Courses

Course Code	Course Title	Credit Hours	Pre-requisite
CSE 233	Object Oriented Programming	3	ENG 131
CSE 242	Data Structures and Algorithm Analysis	3	CSE 233
CSE 243	Database Systems	3	CSE 233
CSE 334	Automata and Formal Languages	3	MAT 215
CSE 335	Operating Systems	3	CSE 242 & ENG 354
CSE 336	Principles of Programming Languages	3	CSE 334
CSE 351	Computer Networks	3	CSE 242
CSE 352	Computer organization	3	ENG 354
CSE 396	Internship	3	>= 80 Credits, CGPA >=2.0
CSE 441	Software Engineering	3	CSE 233
CSE 442	Software Project Management	3	CSE 441
CSE 451	Computer Architecture	3	CSE 352
CSE 452	Digital System Design	3	CSE 451
CSE 497	Senior Year Project Design	3	>= 100 Credits
CSE 498	Graduation Project	3	CSE 497
Subtotal		**45**	

BSCSE Elective Courses (12 Credits)

There are two specializations offered in CSE program through selection of 12 credits for the opted specialization.

Software Specialization

Course Code	Course Title	Credit Hours	Pre-requisite
CSE 443	Software Testing	3	CSE 441
CSE 444	Compiler Design and Implementation	3	CSE 334
CSE 445	Web Application Development	3	CSE 242
CSE 446	Data Mining and Warehousing	3	CSE 243
CSE 453	Embedded System Design	3	ENG 354
CSE 454	VLSI Design	3	CSE 452
CSE 455	Digital Signal Processing	3	ENG 343
CSE 456	Data Communication	3	ENG 343
CSE 461	Computer Security	3	CSE 335
CSE 462	Network Programming	3	CSE 242
CSE 463	Artificial Intelligence	3	CSE 233

11.4.8 BSEEE Program Objectives

BSEEE Program Objectives

(a) Demonstrated their ability to apply the knowledge of Mathematics, Basic Sciences, and Electrical and Electronics Engineering to the solution of complex problems encountered in their field of engineering.

(b) Established themselves as engineering professionals and/or engaged in further studies/trainings in Electrical and Electronics Engineering or related areas.

(c) Demonstrated effective communication skills, committed to ethical and societal responsibilities and engage in lifelong learning through professional development, and self-learning.

(d) Demonstrated teamwork and leadership skills with ability to work effectively with professionals of diverse backgrounds.

11.4.9 BSEEE Students Outcomes

Upon successful completion of the BSEEE program, graduates will have:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

3. an ability to communicate effectively with a range of audiences.

4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

11.4.10 BSEEE Degree Requirements

Minimum Number of Semester Credits:	139	
(136 On-Campus credits plus 3 Off-Campus credits)		
General Education Courses	30 Credits	
Mathematics and Basic Sciences Courses	28 Credits	
Engineering Core Courses	66 Credits	
Specialization Elective Courses	12 Credits	
Internship	03 Credits	

General Education Courses

Course Code	Course Title	Credit Hours	Pre-requisite
ENL 101	English Composition	3	None
ENL 102	Communication Skills	3	None
ENL 103	Technical Writing	3	None
ENL 104	Research and Learning Skills	3	None
SAH 101	UAE Society	3	None
SAH 102	Islamic Studies	3	None
SAH 103	Reasoning and Critical Thinking	3	None
SAT 102	Fundamentals of Statistics	3	None
SAT 103	Computer Application and Technology	3	None
SAT 105	General Science	3	None
	Subtotal	**30**	

Mathematics and Basic Sciences Courses

Course Code	Course Title	Credit Hours	Pre-requisite
MAT 111	Calculus I	3	None
MAT 112	Calculus II	3	MAT 111
MAT 113	Linear Algebra and Complex Variables	3	MAT 111
MAT 214	Differential Equations	3	MAT 112
MAT 216	Introduction to MATLAB	1	MAT 113
MAT 318	Mathematical Methods	3	MAT 214
MAT 317	Probability Theory	3	SAT 102
CHM 111	General Chemistry	3	None
PHY 111	Engineering Physics I	3	None
PHY 112	Engineering Physics II	3	PHY 111
	Subtotal	**28**	

Fundamental Engineering Courses

Course Code	Course Title	Prerequisite	Credit Hours
ENG 131	Introduction To Programming	None	3
ENG 126	Engineering Thermodynamics	PHY 111	2
ENG 127	Workshop Skills	NONE	1
ENG 241	Circuit Analysis I	PHY 112	3
ENG 251	Digital Logic Design	SAT 103	3
ENG 252	Electronics I	ENG 241	3
ENG 232	Engineering Graphics	SAT 103	2
ENG 242	Circuit Analysis II	ENG 241	3
ENG 343	Signals and Systems	MAT 214 and MAT 216	3
ENG 354	Microprocessor Programming and Interfacing	ENG 251	3
ENG 323	Engineering Economics	None	2
ENG 425	Social and Ethical Issues in Engineering	ENG 323	2
	Subtotal		30

BSEEE Core Courses

Course Code	Course Title	Prerequisite	Credit Hours
EEE 341	Electromechanical Energy Conversion	ENG 242	3
EEE 344	EM Fields and Waves	ENG 242	3
EEE 361	Measurements and Instrumentation	ENG 242+ENG 354	3
EEE 396	Internship	>= 80 Credits	3
EEE 353	Electronics II	ENG 252+ENG 242	3
EEE 362	Automatic Control Engineering	ENG 343	3
EEE 471	Communication Systems	ENG 343	3
EEE 497	Senior Year Design Project	>=100 Credits and ENG 127	3
EEE 498	Graduation Project	EEE 497	3
EEE 472	Digital Signal Processing	ENG 343 + ENG 242	3
EEE 324	Engineering Management	ENG 323	3
EEE 455	Digital Systems	ENG 343 + ENG 242	3
EEE 442	Power Electronics	ENG 341 and EEE 353	3
	Subtotal		39

Elective Courses for BSEEE

Program	Course Code	Course Title	Credits	Pre requisite
Common courses				
	EEE 461	Fuzzy Logic & Neural Networks	3	ENG 362 & MAT 216
		Total	**3**	
Electrical Power Engineering				
	EEE 443	Electrical Power Engineering	3	EEE 341
	EEE 444	Power System Analysis	3	EEE 443
	EEE 445	High Voltage Engineering	3	EEE 443
	EEE 446	Power Plant Technology	3	EEE 341
	EEE 447	Electrical Machine Drives	3	EEE 443
	EEE 448	Renewable Energy Systems	3	EEE 341
		Total	**9**	
Control System Engineering				
	EEE 462	Computer Control	3	EEE 362+ ENG 354
	EEE 463	Programmable Logic Controller	3	EEE 362+ ENG 354
	EEE 464	Process Control	3	EEE 362
	EEE 465	Virtual Instrumentation	3	EEE 361+ ENG 354
	EEE 466	System Identification	3	EEE 362+ ENG 343
	EEE 467	Adaptive Control	3	EEE 362
		Total	**9**	
Communication System Engineering				
	EEE 473	Digital Communication Systems	3	EEE 471
	EEE 474	Electronic Communication Systems Design	3	EEE 471
	EEE 475	Data Communication	3	EEE 471
	EEE 476	Communication Networks	3	EEE 475
	EEE 477	Field Theory and Transmission lines	3	EEE 344
	EEE 478	Microwave Engineering	3	EEE 477
		Total	**9**	

11.4.11 BSCIS Program Objectives

The Computer Information System (CIS) program objectives are to:

(a)   Prepare graduates with essential knowledge in information systems and its functional applications as required by organizations dealing with information systems

(b)   Develop current information systems solution providers

(c)   Instill in students an understanding of their professional and ethical responsibilities
(d)   Prepare students to work in a global environment
(e)   Prepare graduates capable of serving the country and the region and having affiliations with professional organizations

11.4.12 BSCIS Program Learning Outcomes

On successful completion of the Bachelor of Science in Computer Information Systems (CIS) program, a student should have the ability to:

(a)   Apply knowledge of computing appropriate to information systems
(b)   Develop a complete information system that incorporates feasibility study, analysis, design, systems development, testing, implementation and maintenance
(c)   Work as a team member in a problem solving situation
(d)   Communicate effectively both orally and in writing
(e)   Use current techniques, skills and tools necessary for computing practices
(f)   Respond appropriately to professional, social and ethical responsibilities towards the Information Systems community
(g)   Recognize a need to engage in continuing professional development
(h)   Analyze local and global impact of computing on individuals, organizations and society
(i)   Demonstrate an understanding of the processes that support the delivery and management of information systems within a specific application environment

11.4.13 BSCIS Degree Requirements

Total Number of Credit Hours: 123 (One hundred and Twenty Three)

General Education Courses	30 Credits
Foundation Courses	30 Credits
Core and Specialization Courses	57 Credits
Electives	6 Credits

Foundation Courses

Course Code	Course Title	Credit Hours
CIS 203	Fundamentals of Information Systems	3
CIS 205	System Analysis and Design	3
CIS 206	Ethical Issues in Information Systems	3
ENG 131	Introduction to Programming	3
CSE 233	Object Oriented Programming	3
MAT 215	Discrete Mathematics	3
CSC 210	Data Structures and Algorithm Analysis	3
CSC 211	Managing and Maintaining Computer Systems	3
CSC 252	Computer Organization	3
BMT 201	Principles of Management	3

Core and Specialization Courses

Course Code	Course Title	Credit Hours
CSC 335	Principles of Operating Systems	3
CSC 305	Computer Graphics	3
CSE 351	Computer Networks	3
CSE 441	Software Engineering	3
CSC 322	Database Systems	3
CSC 321	Advanced Java Programming	3
CIS 302	Object Oriented System Analysis and Design	3
CSE 471	Project Management	3

CIS 307	Management Information Systems	3
CIS 309	Web Application Development	3
CIN 301	Internship	3
BAF 301	Accounting and Financial Management	3
BHR 301	Managing Human Resource	3
BMR 301	Principles of Marketing	3
CSC 410	Advanced Database Systems	3
CSE 443	Software Testing	3
CIS 403	E-Commerce Technologies	3
CIS 414	Graduation Project	3
CIS 321	Enterprise Architecture	3

Electives

Course Code	Course Title	Credit Hours
CEC 350	Decision Support Systems	3
CBC 383	Enterprise Resource Planning	3
CEC 409	E-Business Models	3
CBC 410	Supply Chain Management	3
CEC 416	Mobile Application Development	3
CEC 413	Data Warehousing and Mining	3
CSE 461	Computer Security	3
CSE 463	Artificial Intelligence	3

11.4.14 BSME Program Objectives

The graduates of the Bachelor of Science in Mechanical Engineering (BSME) program will be prepared to:

(a) Practice mechanical engineering in a broad range of industries and assume leadership roles within their organizations.
(b) Apply their engineering problem-solving skills as needed in the workplace.
(c) Engage in life-long learning and pursue graduate education in mechanical engineering, as well as in other professional fields.
(d) Conduct themselves in a professional and ethical manner.

11.4.15 BSME Student Outcomes

The graduating student should demonstrate:
1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
3. an ability to communicate effectively with a range of audiences
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

11.4.16BSME Degree Requirements

The BSME offers a four-year program leading to a Bachelor of Science in Mechanical Engineering. The students are required to complete a total of 139 credit hours distributed as follows:

General Education Courses	30 Credit Hours
Mathematics and Basic Science Courses	31 Credit Hours
Core Courses	66 Credit Hours
Elective Courses	12 Credit Hours

Total Credit Hours of the Program: **139 Credit Hours**

General Education Courses

Course Code	Course Title	Credit Hours	Pre-requisite
ENL 101	English Composition	3	None
ENL 102	Communication Skills	3	None
ENL 103	Technical Writing	3	None
ENL 104	Research and Learning Skills	3	None
SAH 101	UAE Society	3	None
SAH 102	Islamic Studies	3	None
SAH 103	Reasoning and Critical Thinking	3	None
SAT 102	Fundamentals of Statistics	3	None
SAT 103	Computer Application and Technology	3	None
SAT 105	General Science	3	None
	Subtotal	**30**	

Mathematics and Basic Sciences Courses

Course Code	Course Title	Credit Hours	Pre-requisite	Co-req.
MAT 111	Calculus I	3	None	
MAT 112	Calculus II	3	MAT 111	
MAT 113	Linear Algebra and Complex Variables	3	MAT 111	
MAT 214	Differential Equations	3	MAT 112	
MAT 216	Introduction to MATLAB	1	MAT 113	
MAT 317	Probability Theory	3	SAT 102	
MAT 318	Mathematical Methods	3	MAT 214	
MEC 340	Numerical Methods in Engineering	3	MAT 216	MAT 318
CHM 111	General Chemistry	3	None	
PHY 111	Engineering Physics I	3		MAT 111
PHY 112	Engineering Physics II	3	PHY 111	
	Subtotal	**31**		

Core Courses

Course Code	Course Title	Credit Hours	Prerequisite	Co-req.
MEC 210L	Engineering Drawing and Workshop	2	None	
MEC 220	Statics	3	PHY 111	
MEC 222	Dynamics	3	MEC 220, MAT 214	
MEC 230	Materials Science	3	CHM 111	
MEC 232	Mechanics of Materials	3	MEC 220	
MEC 240	Thermodynamics	3	PHY 111	
MEC 242	Fluid Mechanics	3	MEC 220, MAT 112	
MEC 310	Engineering Measurements	3	MEC 222, MEC 242, ELE 220	
MEC 312	Mechanical Vibrations	3	MEC 222, MEC 340	
MEC 320	Mechanical Design I	3	MEC 230, MEC 232, MEC 210L	

MEC 322	Mechanical Design II	3	MEC 320	
MEC 330	Manufacturing Processes	3	MEC 230, MEC 232, MEC 210L	MEC 332L
MEC 332L	Materials Science and Manufacturing Laboratory	2	None	MEC 330
MEC 342	Heat Transfer	3	MEC 240, MEC 242	MEC 344L
MEC 344L	Thermo-fluids Laboratory	2	MEC 240, MEC 242	MEC 342
MEC 346	Energy Systems	3	MEC 342	
MEC 396	Internship	3	≥80 Credits	
MEC 410	System Dynamics and Control	3	MEC 310, MEC 312	
MEC 440	Refrigeration and Air Conditioning	3	MEC 346	
MEC 441	Advanced Fluid Mechanics	3	MEC 340, MEC 344L	
MEC 442	Turbo machinery	3	MEC 342	
MEC 490	Design Project	3	MEC 322, MEC 342	
ELE 220	Electric Circuits and Devices	3	PHY 112	

Elective Courses

Course Code	Course Title	Credit Hours	Prerequisite	Co-requisite
MEC 420	Introduction to Robotics	3	MEC 410	
MEC 422	Vehicle Dynamics	3		MEC 410
MEC 432	Advanced Mechanics of Materials	3	MEC 320	
MEC 434	Composite Materials	3	MEC 230, MEC 340	
MEC 436	Applied Finite Element Analysis	3	MEC 320	MEC 312, MEC 342
MEC 438	Micro-electromechanical Systems	3	MEC 310, MEC 312, MEC 320	
MEC 444	Internal Combustion Engines	3	MEC 346	
MEC 446	Renewable Energy Systems	3	MEC 346	
MEC 448	Piping Systems	3	MEC 320, MEC 342	
MEC 450	Computational Fluid Dynamics	3		MEC 441
MEC 452	Fuel Cells	3	MEC 346	
MEC 454	Energy Conservation and Management	3	MEC 346	

11.5 College of Architecture and Design

11.5.1 Mission

The College of Architecture and Design mission is to produce graduates distinguished by a high quality professional design education, itself comparable with the best international and local practices, and underpinned by a commitment to enquiry and improvement through research by faculty and students.

11.5.2 Goal

(a) Offer quality, professionally accredited academic programs in different design fields.
(b) Develop professional skills and design ability to enhance and optimize student performance by the time of graduation.
(c) Expand research through the curricula and via community engagement activities.

11.5.3 Undergraduate Programs Offered

The college of design offers following undergraduate programs:

(a) Bachelor of Arts in Interior Design (BAID)
(b) Bachelor of Architecture (BARCH)

11.5.4 BAID Program Learning Outcomes

Upon successful completion of the Bachelor of Arts in Interior Design (BAID) program, the graduate will be able to:

1. Demonstrate an understanding of the basics and principles of art and design, design theories, discipline-related history, and cultural backgrounds affecting interior design.
2. Conceptualize and communicate design ideas clearly in oral, written, and visual forms.
3. Conduct design research strategically while addressing and fulfilling users' needs, the functional requirements of each project, the conventions of human behavior, and the relationships between occupants and their environments.
4. Explicitly and judiciously use research findings and follow an evidence-based design approach to solve interior-design issues.
5. Adopt and develop appropriate design approaches by practicing the design phases, starting with design programming, schematic design, and design development, and finally producing construction drawings as a part of the contract documents.
6. Identify, select, and use materials, fabrics, colors, lighting, acoustics, and furniture in the study and development of building systems, networking, and interior constructions while addressing local and international design standards, thereby regulating the interior-design build environment.
7. Implement innovative design solutions that are socially and environmentally responsible, thereby preserving natural resources and fostering the occupants' comfort, contentment, public health, safety, and welfare.
8. Identify, develop, and implement the skills and traits necessary for engaging in successful interactions with interior-design professionals in their future careers, such as professional ethics, networking, promptness, teamwork, flexibility, independence, diligence, motivation, taking initiative, and being goal-oriented.

11.5.5 BAID Degree Requirements

In order to be awarded the degree of this program a student must complete 123 credit hours distributed as follows:

General Education Courses	30 credits
Foundation Courses	27 credits
Specialization Courses (including Internship)	57 credits
Elective Courses	09 credits

(120 credits on-campus and 3 credits off-campus Internship course)

General Education Courses

#	Code	Title	Credit Hours	Pre-requisite
1	ENL 101	English Composition	3	None
2	ENL 102	Communication Skills	3	None
3	ENL 103	Technical Writing	3	None
4	ENL 104	Research and Learning Skills	3	None
5	SAT 101/ SAT 102	General Mathematics Fundamentals of Statistics	3	None
6	SAT 103	Computer Application and Technology	3	None
7	SAT 104/ SAT 105	Environmental Studies General Science	3	None
8	SAH 101	UAE Society	3	None
9	SAH 102	Islamic Studies	3	None
10	SAH 103	Reasoning and Critical Thinking	3	None
		Subtotal	**30**	

Foundation Courses

#	Code	Title	Credit Hours	Pre-requisite	Co-requisite
1	IDF 201	Architectural Drafting	3	None	None
2	IDF 202	Freehand Drawing	3	None	None
3	IDF 203	CAD I	3	None	None
4	IDF 204	Color in Interiors	3	None	None
5	IDF 205	CAD II	3	IDF 203	None
6	IDF 207	Visual Presentation and Portfolio	3	IDF 202	None
7	IDF 208	CAD III	3	IDF 203	IDS 305 IDS 309
8	IDF 209	Textiles in Interiors	3	None	None
		Subtotal	**27**		

Specialization Courses

#	Code	Course Title	Credit Hours	Pre-requisite	Co-requisite
1	IDS 301	Introduction Interior Design	3	IDF 201	None
2	IDS 302	Interior Design Studio I (Residential)	3	IDS 301	IDF 207
3	IDS 303	Materials in Interior Design	3	IDS 301	None
4	IDS 304	Interior Design Studio II (Retail)	3	IDS 302	IDS 305 IDS 309
5	IDS 305	Building Systems & Regulations	3	IDS 303	IDF 208 IDS 304 IDS 309
6	IDS 306	Lighting and Acoustics	3	IDS 305	IDS 308
7	IDS 307	Sustainable Design	3	IDS 301	None
8	IDS 308	Interior Design Studio III (Business)		IDS 304	IDS 306
9	IDS 309	Interior Design Construction	3	IDS 303	IDF 208 IDS 304 IDS 305
10	IDS 310	History of Theory & Design I	3	None	None
11	IDS 311	Professional Practice	3	IDS 308	None
12	IDS 312	Interior Design Studio IV (Hospitality)	3	IDS 307 IDS 308	None
13	IDS 314	Furniture Design	3	IDS 309	None
14	IDS 315	Islamic and Local Heritage Interiors	3	IDS 314	None
15	IDS 318	Internship	3	IDS 311 IDS 312	None
16	IDS 411	History & Theory of Design II	3	IDS 310	None
17	IDS 412	Interior Design Studio V (Selected Design)	3	IDS 312	None
18	IDS 413	Interior Design Graduation Project I (Design Programming)	3	IDS 312	None
19	IDS 414	Thesis: Interior Design Graduation Project II	6	IDS 412 IDS 413	None
		Subtotal	**57**		

Elective Courses

#	Code	Course Title	Credit Hours	Pre-requisite	Co-requisite
1	IDE 330	3D Design	3	IDF 205 IDS 301	None
2	IDE 331	Kitchen and Bathroom Design	3	IDS 305	None
3	IDE 332	Exhibition Design	3	IDS 312	None
4	IDE 333	Surface Design	3	IDS 301	None
5	IDE 334	Design Management	3	*	None
6	IDE 335	Photography	3	None	None
		Subtotal	**9**		

* Shall be selected after approval of Academic Advisor

11.5.6 BARCH Program Objectives

(a)   Prepare students who are attracted to a program which encourages them, through quality faculty input, to think in a multidimensional and interactive way, while integrating design skills, and human and physical aspects in a professional manner.

(b) Prepare students, through a critical attitude of enquiry, able to make informed choices and decisions based on knowledge and understanding of the principles that underpin the history and theory of architecture, interior and urban design.

(c) Prepare students who, through faculty guidance and ongoing research, critically examine the complex factors that contribute to an understanding of the human, socio-cultural, and economic dimensions of architectural design, particularly in the context of locally themed, community based projects, environmental protection and appropriate technologies selection.

(d) Prepare students who, through faculty managed in-house self-study procedures, develop an appreciation of the University's operation and resources, and are ethically and technically prepared to embrace the profession of architecture while connecting with society.

(e) Prepare students who are able to communicate effectively and ethically within and outside the University environment, on and behalf of their program, their college and their University.

11.5.7 BARCH Program Learning Outcomes

(a) Produce design that acknowledges and integrates fundamental design skills with knowledge of history and theory of architecture, building technology, socio cultural and economic considerations in addition to professional, legal and ethical aspects - all in an interactive manner.

(b) Produce design or work that integrates knowledge of building technology, construction, systems and materials in a creative and original manner.

(c) Produce design or work that demonstrates knowledge of fundamental design skills as well as history and theory of architecture.

(d) Produce design or work that acknowledges and integrates the human, socio-cultural and economic aspects at the local, regional and global levels.

(e) Produce design or work that demonstrates awareness, concern and understanding of the physical context as well as environmental and ecological issues.

(f) Produce design or work that demonstrates understanding of the architectural practice in terms of administrative, financial, legal terms and observe ethical standards.

(g) Demonstrate the ability to produce and present architectural designs or documentation by communicating clearly and effectively in oral, writing and graphical forms as well as advanced digital software and media.

11.5.8 BARCH Degree Requirements

In order to be awarded the degree of this program a student must complete 160 credit hours distributed as follows:

General Education Courses	30 credits
Studio Required Courses	58 credits
Specialization Courses	48 credits
Professional Elective Courses	15 credits
General Elective Courses	06 credits
Internship	03 credits

(157 credits on-campus and 3 credits off-campus Internship course)

General Education Courses

#	Code	Title	Credit Hours	Pre-requisite
1	ENL 101	English Composition	3	None
2	ENL 102	Communication Skills	3	None
3	ENL 103	Technical Writing	3	None
4	ENL 104	Research and Learning Skills	3	None
5	SAT 101/ SAT 102	General Mathematics Fundamentals of Statistics	3	None
6	SAT 103	Computer Application and Technology	3	None
7	SAT 104/ SAT 105	Environmental Studies General Science	3	None

#	Code	Course Title	Credit Hours	Pre-requisite	Co-requisite
8	SAH 101	UAE Society	3	None	
9	SAH 102	Islamic Studies	3	None	
10	SAH 103	Reasoning and Critical Thinking	3	None	
		Subtotal	**30**		

Architecture Courses (113)

#	Code	Course Title	Credit Hours	Pre-requisite	Co-requisite
1	ARC 101	Architectural Design Studio 1	5	None	None
2	ARC 102	Architectural Design Studio 2	5	ARC 101	None
3	ARC 201	Architectural Design Studio 3	6	ARC 102	ARC 221
4	ARC 202	Architectural Design Studio 4	6	ARC 201	None
5	ARC 301	Architectural Design Studio 5	6	ARC 202	None
6	ARC 302	Architectural Design Studio 6	6	ARC 301	None
7	ARC 401	Architectural Design Studio 7	6	ARC 302	None
8	ARC 402	Architectural Design Studio 8	6	ARC 401	None
9	ARC 501	Architecture Design Studio 9	6	ARC 402	None
10	ARC 502	Architecture Design Studio 10	6	ARC 501	None
11	MAT 111	Calculus I	3	None	None
12	MAT 112	Calculus II	3	MAT 111	None
13	PHY 111	Engineering Physics 1	3	None	None
14	ARC 208	Building Information Modeling	3	ARC 101	None
15	ARC 111	History and Theory of Architecture 1	3	None	None
16	ARC 212	History and Theory of Architecture 2	3	ARC 111	None
17	ARC 213	History and Theory of Architecture 3	3	ARC 212	None
18	ARC 221	Materials and Methods of Construction Buildings	3	ARC 102	None
19	ARC 322	Design and Construction Process with Building Economics	3	ARC 221	None
20	ARC 314	Theories of Architecture	3	ARC 213	None
21	ARC 331	Structural Analysis	3	ARC 201 & PHY 111	None
22	ARC 332	Structural Design I	3	ARC 331	None
23	ARC 341	Environmental Systems	3	ACR 102	None
24	ARC 442	Sustainability & Energy Conservation	3	ARC 302, ARC 341	None
25	ARC 451	The Professional Practice of Architecture	3	ARC 322	None
26	ARC 561	Building & Planning Regulations, Life, Safety & Codes	3	ARC 402	None
27	ARC 571	Internship	3	ARC 451	None
		Subtotal			

Professional Elective Courses (15)

#	Code	Course Title	Credit Hours	Pre-requisite	Co-requisite
1	ARC 433	Structural Design 2	3	ARC 332	
2	ARC 443	Environmental Psychology	3	ARC 302	
3	ARC 480	Special Topic in Architecture*	3		
4	ARC 481	Landscape Design	3	ARC 302	None
5	ARC 482	Sustainable Urban Design	3	ARC 401	None
6	ARC 483	Interior Design: Theory and Practice	3	ARC 302	None
7	ARC 581	Design Management	3	ARC 451	None
8	ARC 583	Conservation & Restoration Management	3	ARC 451	None
		Subtotal			

11.6 College of Education and Social Sciences

11.6.1 UG Programs Offered (برامج بكالوريوس التربية المطروحة)

Bachelor of Education (برنامج بكالوريوس التربية)

11.6.2 Program Objectives (أهداف البرنامج)

(أ) **أهداف برنامج بكالوريوس التربية تخصص معلم مجال اللغة العربية والتربية الإسلامية:**

يهدف هذا البرنامج إلى:
1. إعداد معلم اللغة العربية والتربية الإسلامية لمرحلة الأساس إعداداً أكاديمياً وتربوياً وثقافياً.
2. غرس وتعميق الاتجاهات الإيجابية المتعلقة بمهنة التدريس والالتزام بأخلاقياتها.
3. إكساب الطالب المعلم المعارف والمهارات التي تمكنه من فهم وتقييم مدخلات وعمليات ومخرجات العملية التعليمية .
4. تزويد الطالب المعلم بالمعارف والمفاهيم المرتبطة بمناهج اللغة العربية والتربية الإسلامية بدولة الإمارات العربية المتحدة وكيفية تدريسها.
5. إكساب الطالب المعلم مهارة التخطيط لتدريس اللغة العربية والتربية الإسلامية بوضوح ودقة ، بربط أهداف الدرس بالمحتوى والأساليب التربوية والنشاطات الجماعية والفردية وأساليب التقويم.
6. تمكين الطالب المعلم من تقويم نواتج تعلم التلاميذ للخبرات والمهارات المرتبطة باللغة العربية والتربية الإسلامية ؛ باستخدام أساليب تقويم متنوعة وجيدة ، قائمة على المعايير ومستويات القياس الواضحة.
7. إكساب الطالب المعلم المهارات البحثية والمهنية اللازمة لإجراء بحوث ودراسات هادفة وصادقة في القضايا التربوية والتخصصية.
8. تدريب الطالب المعلم على استخدام التقنيات التعليمية الحديثة في تدريس اللغة العربية والتربية الإسلامية.

(ب) **أهداف برنامج بكالوريوس التربية تخصص معلم مجال الدراسات الإجتماعية:**

يهدف هذا البرنامج إلى:
1. إعداد معلم الدراسات الإجتماعية لمرحلة الأساس إعداداً أكاديمياً وتربوياً وثقافياً.
2. غرس وتعميق الاتجاهات الإيجابية المتعلقة بمهنة التدريس والالتزام بأخلاقياتها.
3. إكساب الطالب /المعلم المعارف والمهارات التي تمكنه من فهم وتقييم مدخلات وعمليات ومخرجات العملية التعليمية .
4. تزويد الطالب /المعلم بالمعارف والمفاهيم المرتبطة بمناهج الدراسات الإجتماعية بدولة الإمارات العربية المتحدة وكيفية تدريسها.
5. إكساب الطالب /المعلم مهارة التخطيط لتدريس الدراسات الإجتماعية بوضوح ودقة ، بربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.
6. تمكين الطالب /المعلم من تقويم نواتج تعلم التلاميذ للخبرات والمهارات المرتبطة بالدراسات الإجتماعية باستخدام أساليب تقويم متنوعة وجيدة ، قائمة على المعايير ومستويات القياس الواضحة.
7. إكساب الطالب /المعلم المهارات البحثية والمهنية اللازمة لإجراء بحوث ودراسات هادفة وتتميز بالصدق و الثبات في القضايا التربوية والتخصصية.
8. تدريب الطالب /المعلم على استخدام التقنيات التعليمية الحديثة في تدريس الدراسات الإجتماعية.

11.6.3 Program Learning Outcomes (مخرجات تعلم البرنامج)

(أ) **مخرجات برنامج بكالوريوس التربية تخصص معلم مجال اللغة العربية والتربية الإسلامية:**

بعد دراسة هذا البرنامج يتوقع من الطالب /المعلم أن يكون قادرًا على أن:
1. يخطط وينظم بوضوح ودقة خبرات مناهج اللغة العربية والتربية الإسلامية، بكيفية تتناسب واحتياجات التلاميذ في مرحلة التعليم الأساسي .
2. يستخدم أساليب تربوية فاعلة في تنمية مهارات ومعارف وكفايات الطلاب،بغرض تنمية مهارات التفكير لديهم.
3. يوظف مفاهيم اللغة لاسيما النحوية في تعليم تلاميذه مهارات الكلام والقراءة والكتابة.
4. يوظف طرائق التدريس الحديثة في تدريس اللغة العربية والتربية الإسلامية ، وبربط أهداف الدرس بالمحتوى والأساليب التربوية والنشاطات الجماعية والفردية وأساليب التقويم.
5. يوظف مفاهيم العقيدة الإسلامية والقيم الإيمانية لدى تلاميذه من خلال ما أكتسبه من معارف ومفاهيم وقيم .
6. يستخدم وسائل القياس والتقويم الملائمة لتحفيز تلاميذه على تحقيق النمو الشامل والكامل .
7. يساهم في خدمة المدرسة والمنطقة التعليمية والمجتمع الخارجي
8. ينمي ويطور قدراته المهنية بما يساعد على تحسين وتعزيز تحصيل طلابه ونموهم الأكاديمي .
9. يستخدم التقنيات التعليمية الحديثة في تدريس اللغة العربية والتربية الإسلامية.
10. يشارك في إجراء البحوث الإجرائية لحل المشكلات المدرسية والصفية.

(ب) مخرجات برنامج بكالوريوس التربية تخصص معلم مجال الدراسات الإجتماعية:

بعد دراسة هذا البرنامج يتوقع من الطالب /المعلم أن يكون قادرًا على أن:

1. يخطط وينظم بوضوح ودقة خبرات مناهج الدراسات الاجتماعية بكيفية تتناسب واحتياجات التلاميذ في مرحلة التعليم الأساسي .
2. يستخدم أساليب تربوية فاعلة في تنمية مهارات وكفايات الطلاب، بغرض تنمية مهارات التفكير لديهم
3. يوظف معارف ومفاهيم الدراسات الاجتماعية في غرس قيم الاعتزاز بالماضي، وحب الوطن، وقيم المجتمع وعاداته وتراثه لدى تلاميذه.
4. يوظف طرائق التدريس الحديثة في تدريس الدراسات الاجتماعية، بربط أهداف الدرس بالمحتوى والأساليب التربوية والنشاطات الجماعية والفردية وأساليب التقويم.
5. يوظف معارف ومفاهيم الدراسات الاجتماعية في غرس قيمة الاعتزاز بالحضارة العربية الإسلامية لدى تلاميذه.
6. يستخدم وسائل القياس والتقويم لمساعدة تلاميذه على النمو الشامل والمتكامل.
7. يساهم في خدمة المدرسة والمنطقة التعليمية والمجتمع الخارجي.
8. ينمي ويطور قدراته المهنية بما يساعد على تحسين وتعزيز تحصيل طلابه ونموهم الأكاديمي .
9. يستخدم التقنيات التعليمية الحديثة في تدريس الدراسات الاجتماعية.
10. يشارك في إجراء البحوث الإجرائية لحل المشكلات المدرسية والصفية.

11.6.4 Degree Requirements (متطلبات الدرجة العلمية)

من أجل أن تمنح درجة بكالوريوس التربية تخصص معلم مجال اللغة العربية والتربية الإسلامية ومعلم مجال الدراسات الإجتماعية يجب على الطالب إكمال 126 ساعة معتمدة موزعة على النحو التالي:

متطلبات الجامعة الاجبارية   : 30 ساعة معتمدة
متطلبات الكلية   : 36 ساعة معتمدة
متطلبات تخصص اللغة العربية و الدراسات الإسلامية/ الدراسات الإجتماعية : 60 ساعة معتمدة

متطلبات الجامعة الاجبارية (30 ساعة)

المتطلب السابق	الساعات المعتمدة	اسم المساق	رقم المساق	م
المجموعة (أ) - اللغة الانجليزية				
لا يوجد	3	English Composition	ENL 101	1
لا يوجد	3	Communication Skills	ENL 102	2
لا يوجد	3	Technical Writing	ENL 103	3
لا يوجد	3	Research and Learning Skills	ENL 104	4
المجموعة (ب)- علوم وتكنولوجيا				
لا يوجد	3	مبادئ الإحصاء	SAT 102	5
لا يوجد	3	تطبيقات الحاسوب	SAT 103	6
لا يوجد	3	العلوم العامة	SAT 105	7
المجموعة (ج)-علوم اجتماعية				
لا يوجد	3	مجتمع الامارات	SAH 101	8
لا يوجد	3	دراسات اسلامية	SAH 102	9
لا يوجد	3	تفكير نقدي	SAH 103	10

متطلبات الكلية (36 ساعة)

المتطلبات السابقة	الساعات المعتمدة	اسم المساق	رقم المساق	م
لا يوجد	3	علم نفس النمو	EDU 201	.1
لا يوجد	3	أصول التربية	EDU 202	.2
EDU 201	3	علم النفس التربوي	EDU 203	.3
لا يوجد	3	بناء المناهج	EDU 204	.4
EDU 204	3	تكنولوجيا التعليم	EDU 205	.5
EDU 204	3	طرائق تدريس اللغة العربية و التربية الإسلامية/ طرائق تدريس الدراسات الإجتماعية	EDU 206a / EDU 206b	.6
EDU 206a/EDU 206b	3	طرائق تدريس الفئات الخاصة	EDU 207	.7
EDU 202	3	الإدارة المدرسية و الصفية	EDU 208	.8
EDU 206a/EDU 206b	6	التربية العملية	EDU 209	.9
لا يوجد	3	طرائق البحث العلمي	EDU 210	.10
يختار الطالب مساقا واحداً مما يلي				
EDU 204	3	التقويم النفسي والتربوي	EDU 211	.11

المتطلبات السابقة	الساعات المعتمدة	اسم المساق	رقم المساق	
لا يوجد	3	التربية ومشكلات المجتمع	EDU 212	
EDU 204+ EDU 205	3	النشاطات المدرسية في المرحلة الأساسية	EDU 213	

متطلبات تخصص اللغة العربية و الدراسات الاسلامية (60 ساعة)

المتطلبات السابقة	الساعات المعتمدة	اسم المساق	رقم المساق	م
لا يوجد	3	الأدب العربي	DAI 301	1.
لا يوجد	3	نحو و صرف (1)	DAI 302	2.
لا يوجد	3	القرآن الكريم (التلاوة والتجويد والحفظ)	DAI 303	3.
لا يوجد	3	العقيدة الإسلامية	DAI 304	4.
لا يوجد	3	أدب أطفال	DAI 305	5.
DAI 302	3	نحو و صرف (2)	DAI 306	6.
DAI 303	3	علوم القرآن	DAI 307	7.
لا يوجد	3	السيرة النبوية	DAI 308	8.
لا يوجد	3	البلاغة العربية	DAI 309	9.
لا يوجد	3	علم اللغة	DAI 310	10.
DAI 304	3	فقة العبادات	DAI 311	11.
DAI 308	3	الحديث الشريف	DAI 312	12.
لا يوجد	3	فن الكتابة و التعبير	DAI 313	13.
لا يوجد	3	علم العروض	DAI 314	14.
لا يوجد	3	التفسير	DAI 315	15.
DAI 311	3	فقه المعاملات	DAI 316	16.
لا يوجد	3	النقد الأدبي	DAI 317	17.
DAI 311	3	الإسلام وقضايا العصر	DAI 318	18.
يختار الطالب مساقا واحداً مما يلي				
DAI 301	3	الأدب العباسي	DAE 319	
DAI 301	3	الأدب العربي الحديث	DAE 320	19.
لا يوجد	3	أدب الخليج والجزيرة العربية	DAE 321	
يختار الطالب مساقا واحداً مما يلي				
DAI 315	3	تفسير ايات الاحكام	DIE 322	
لا يوجد	3	الاعجاز في القران الكريم	DIE 323	20.
لا يوجد	3	حقوق الطفل في الاسلام	DIE 324	

متطلبات تخصص الدراسات الإجتماعية (60 ساعة)

المتطلبات السابقة	الساعات المعتمدة	اسم المساق	رقم المساق	م
لا يوجد	3	جغرافية الوطن العربي	DSS 401	1.
لا يوجد	3	معالم تاريخ الجزيرة العربية القديم	DSS 402	2.
لا يوجد	3	مقدمة في جغرافية القارة الأفريقية	DSS 403	3.
DSS 402	3	تاريخ الدولة العربية الإسلامية	DSS 404	4.
لا يوجد	3	تاريخ مصر الفرعونية	DSS 405	5.
لا يوجد	3	مبادئ الخرائط و المساحة	DSS 406	6.
لا يوجد	3	منهج البحث التاريخي	DSS 407	7.
DSS 404	3	تاريخ الدولتين الأموية و العباسية	DSS 408	8.
DSS 405	3	تاريخ اليونان و الرومان	DSS 409	9.
DSS 403	3	الجغرافية الطبيعية	DSS 410	10.
DSS 403	3	جغرافية أوراسيا الأقليمية	DSS 411	11.
DSS 404	3	تاريخ الأندلس الإسلامي	DSS 412	12.
DSS 414	3	تاريخ العرب الحديث و المعاصر	DSS 420	13.
DSS 408	3	تاريخ الأيوبيين و المماليك	DSS 414	14.
لا يوجد	3	نظم المعلومات الجغرافية و الإستشعار عن بعد	DSS 415	15.
DSS 402	3	تاريخ الخليج العربي	DSS 416	16.
DSS 403	3	الجغرافية الإقتصادية	DSS 417	17.
لا يوجد	3	تاريخ أوروبا الحديث و المعاصر	DSS 418	18.
DSS 411	3	جغرافية العالم الجديد	DSS 419	19.
يختار الطالب مساقا واحداً مما يلي				
لا يوجد	3	جغرافية السياسية	DSE 420	
DSS 404	3	معالم الحضارة العربية الاسلامية	DSE 421	20.
لا يوجد	3	جغرافية الموارد المائية	DSE 422	

11.6.5 UG Programs Offered

Bachelor of Arts in Public Relations (BAPR) (بكالوريوس الآداب في العلاقات العامة)

11.6.6 Program Objectives (أهداف البرنامج)

1. تمكين الطلبة من إظهار مستوى مقبول من المعرفة بالنماذج والاتجاهات النظرية في حقل العلاقات العامة وتطبيقها في البحث العلمي والممارسة المهنية
2. تمكين الطلبة من التوصيل الفاعل والمقنع للأفكار والاتجاهات المتعلقة بقضايا العلاقات العامة بأشكال شفوية ومكتوبة ومرئية.
3. تمكين الطلبة من تطبيق الأدوات والمنهجيات النقدية في مقاربة أفكار وظواهر العلاقات العامة والظواهر الاعلامية والاجتماعية على المستويين المهني والعلمي
4. إكساب الطلبة المعارف والمهارات اللازمة لمراعاة أخلاقيات العمل الاتصالي وقوانينه ومواثيق الشرف السائدة في مجالات العلاقات العامة
5. إكساب الطلبة القدرة على إنتاج المواد الإعلامية للعلاقات العامة
6. رفع مستوى كفاءة الطلبة في وضع الخطط وتنفيذها وتقييمهم ا للأنشطة والفعاليات و توظيف قنوات الاتصال الداخلة والخارجية لخدمة أهداف المؤسسة.

11.6.7 Program Learning Outcomes (مخرجات تعلم البرنامج)

يتوقع أن يكون الطالب بعد دراسته لبرنامج بكالوريوس الآداب في العلاقات العامة قادرا على:

1. استخدام أدوات التفكير المنطقي في التعاطي مع قضايا العلاقات العامة.
2. استيعاب البدائل المناسبة للأفكار والنماذج والممارسات في مجال العلاقات العامة
3. تحليل الظواهر المرتبطة بالعلاقات العامة باستخدام منهجيات رصينة
4. رصد اتجاهات وأراء وحاجات جمهور المنظمة عبر بحوث واستقصائيات ميدانية وأساليب كيفية ، تمد المنظمة بالمعلومات اللازمة لعملية التخطيط
5. تخطيط برامج وأنشطة وحملات العلاقات العامة وفق خطوات علمية.
6. تحرير الرسائل الاتصالية للعلاقات العامة في إشكالها المتنوعة المرئية والمسموعة والمطبوعة والشفهية
7. إنتاج مواد اعلامية واعلانية مطبوعة ومسموعة ومرئية وإلكترونية في التواصل والتفاعل مع الجمهور.
8. إدارة جهاز العلاقات العامة بالمنظمات الحكومية والخاصة والمدنية أو إدارة شركات ووكالات العلاقات العامة وفق الأساليب والمهام والوظائف الخاصة بالتخصص.
9. تخطيط وتنفيذ استراتيجيات العلاقات العامة وفق أساليب علمية تعتمد على مبادئ الإدارة والاتصال المتكامل.

11.6.8 Degree Requirements (متطلبات الدرجة العلمية)

من أجل أن تمنح درجة بكالوريوس الآداب في العلاقات العامة يجب على الطالب إكمال 126 ساعة معتمدة موزعة على النحو التالي:

متطلبات الجامعة الاجبارية	:	30 ساعة معتمدة
متطلبات البرنامج المساندة	:	30 ساعة معتمدة
متطلبات البرنامج العامة	:	30 ساعة معتمدة
متطلبات التخصص الإجبارية	:	27 ساعة معتمدة
متطلبات التخصص الاختيارية	:	09 ساعة معتمدة

هيكلية البرنامج

متطلبات الجامعة الاجبارية (30 ساعة)

م	رقم المساق	اسم المساق	الساعات المعتمدة	المتطلب السابق
المجموعة (أ) - اللغة الانجليزية				
1	ENL 101	English Composition	3	لا يوجد
2	ENL 102	Communication Skills	3	لا يوجد
3	ENL 103	Technical Writing	3	لا يوجد
4	ENL 104	Research and Learning Skills	3	لا يوجد
المجموعة (ب)- علوم وتكنولوجيا				
5	SAT 102	احصاء	3	لا يوجد
6	SAT 103	تطبيقات الحاسوب	3	لا يوجد
7	SAT 105	العلوم العامة	3	لا يوجد
المجموعة (ج)-علوم اجتماعية				
8	SAH 101	مجتمع الامارات	3	لا يوجد
9	SAH 102	دراسات اسلامية	3	لا يوجد
10	SAH 103	تفكير نقدي	3	لا يوجد

متطلبات البرنامج المساندة (30 ساعة)

م	رقم المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
.21	COM 120	علم النفس الاجتماعي	3	لا يوجد
.22	LAW 211	المدخل لدراسة القانون	3	لا يوجد
.23	LAW 213	مبادئ علم الاقتصاد	3	لا يوجد
.24	COM 215	فن الالقاء والتقديم	3	لا يوجد
.25	COM 217	مدخل الى علم الاجتماع	3	لا يوجد
.26	COM 222	تاريخ العرب الحديث والمعاصر	3	لا يوجد
.27	COM 228	مدخل الى علم السياسة	3	لا يوجد
.28	COM 241	مبادئ الادارة	3	لا يوجد
.29	COM 313	مبادئ التسويق	3	LAW 213
.30	COM 311	الراي العام	3	COM 100

متطلبات البرنامج العامة (30 ساعة)

م	رقم المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1.	COM 100	مدخل الى الاتصال الجماهيري	3	لا يوجد
2.	COM 105	الكتابة الاعلامية	3	لا يوجد
3.	COM 112	مهارات الاتصال الشخصي	3	COM 100
4.	COM 210	الترجمة الاعلامية	3	COM 105
5.	COM 225	قوانين و اخلاقيات الاتصال	3	COM 105
6.	COM 330	التصوير الرقمي	3	لا يوجد
7.	COM 322	نظريات الاتصال	3	COM 100
8.	COM 401	مناهج بحوث الاتصال	3	COM 322
9.	COM 335	البروتوكول والأتيكيت	3	لا يوجد
10.	COM 422	شبكات التواصل الاجتماعي	3	COM 100

متطلبات التخصص اجبارية (27 ساعة)

م	رقم المساق	اسم المساق		الساعات المعتمدة	المتطلبات السابقة
1.	PRL 231	مبادئ العلاقات العامة		3	COM 100
2.	PRL 233	الكتابة للعلاقات العامة		3	COM 105
3.	PRL 325	ادارة العلاقات العامة		3	COM 241
4.	PRL 341	انتاج المواد الاعلامية للعلاقات العامة	E	3	PRL 233
5.	PRL 345	حملات العلاقات العامة		3	PRL 233
6.	PRL 350	التدريب الميداني		3	90 ساعة
7.	PRL 423	تنظيم الانشطة والفعاليات		3	PRL 325
8.	PRL 432	العلاقات العامة عبر الانترنت	E	3	PRL 233
9.	PRL 450	مشروع التخرج في العلاقات العامة		3	فصل التخرج

متطلبات تخصص اختيارية (9 ساعات)

م	رقم المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
1.	PRL 410	التسويق الاجتماعي	3	COM 313
2.	PRL 239	الاتصال التنظيمي	3	لا يوجد
3.	PRL 340	العلاقات العامة الدولية	3	PRL 231
4.	PRL 406	حالات تطبيقية في العلاقات العامة	3	PRL 325
5.	PRL 409	اتصال الازمات	3	PRL 325
6.	PRL 411	الاتصالات التسويقية المتكاملة	3	PRL 345

11.7 College of Law (كلية القانون)

11.7.1 Mission (الرسالة)

1. إعداد كوادر قانونية قادرة علي المنافسة في سوق العمل و ملاحقة التطورات القانونية داخليا و خارجيا.
2. اكساب الطلبة مهارات البحث العلمي القائم علي الابتكار وفقا لمنهج الدراسات القانونية المتعارف عليها.
3. تزويد الطالب بالمهارات القانونية النظريه و المهنيه اللازمة للمساهمة في حل و فهم القضايا التي تساعد علي خدمة المجتمع.
4. تزويد المجتمع بالكفاءات القانونية المتميزة في القطاعين الحكومي و الخاص.

11.7.2 Goals (الغايات)

1. بناء قاعدة علمية قانونية لدى الطالب في مختلف مجالات القانون.
2. تزويد وتعزيز الجانب المهنى التطبيقي للعلوم القانونية النظرية لدى الطالب.
3. تطوير القدرات والمهارات الفكرية لدى الطالب.
4. إكساب الطالب مهارات إعداد البحوث العلمية وفق منهج علمي سليم.
5. غرس روح التعليم المستمر مدى الحياة لدى الطالب.
6. تزويد الطالب بمهارات المنافسة في سوق العمل لرفع كفاءة أداؤه المؤسسي.
7. تعزيز الطالب بالقيم المثلى التي ينبغي لرجل القانون أن يلتزم بها من خلال التواصل بالقيم العربية والإسلامية.

11.7.3 UG Programs Offered (برامج بكالوريوس المطروحة)

Bachelor of Law (بكالوريوس القانون)

11.7.4 Program Objectives (أهداف البرنامج)

١. بناء قاعدة علمية قانونية لدى الطالب في مختلف مجالات القانون.
٢. تزويد وتعزيز الجانب المهني التطبيقي للعلوم القانونية النظرية لدى الطالب.
٣. تطوير القدرات والمهارات الفكرية لدى الطالب.
٤. إكساب الطالب مهارات إعداد البحوث العلمية وفق منهج علمي سليم.
٥. غرس روح التعليم المستمر مدى الحياة لدى الطالب.
٦. تزويد الطالب بمهارات المنافسة في سوق العمل لرفع كفاءة أداؤه المؤسسي.
٧. تعزيز الطالب بالقيم المثلى التي ينبغي لرجل القانون أن يلتزم بها من خلال التواصل بالقيم العربية والإسلامية.

11.7.5 Program Learning Outcomes (مخرجات تعلم البرنامج)

يتوقع أن يكون الطالب بعد دراسته لبرنامج بكالوريوس القانون قادرا على:
١. استيعاب المفاهيم والقواعد الأساسية للقانون.
٢. المقارنة بين الحلول التشريعية والفقهية والاحكام القضائية المختلفة.
٣. تنزيل القواعد و النصوص القانونية على الوقائع و القضايا القانونية .
٤. التمكن من المرافعة القانونية و التعبير بلغة سليمة.
٥. تنمية المدركات البحثية والعلمية وفقاً لمناهج البحث القانوني.
٦. القدرة على استخدام تقنيات المعلومات في إنجاز الأعمال القانونية.
٧. الإحاطة بأخلاقيات المهنة.

11.7.6 Degree Requirements (متطلبات الدرجة العلمية)

من أجل أن تمنح درجة بكالوريوس القانون يجب على الطالب إكمال 133 ساعة معتمدة موزعة على النحو التالي:

متطلبات الجامعة	: 30 ساعة معتمدة
متطلبات التخصص الإجبارية	: 94 ساعة معتمدة
متطلبات التخصص الاختيارية	: 09 ساعة معتمدة

هيكلية البرنامج

متطلبات الجامعة الاجبارية (30 ساعة)

م	رقم المساق	اسم المساق	الساعات المعتمدة	المتطلب السابق
المجموعة (أ) ـ اللغة الانجليزية				
1	ENL 101	English Composition	3	لا يوجد
2	ENL 102	Communication Skills	3	لا يوجد
3	ENL 103	Technical Writing	3	لا يوجد
4	ENL 104	Research and Learning Skills	3	لا يوجد
المجموعة (ب)- علوم وتكنولوجيا				
5	SAT 102	احصاء	3	لا يوجد
6	SAT 103	تطبيقات الحاسوب	3	لا يوجد
7	SAT 105	العلوم العامة	3	لا يوجد
المجموعة (ج)-علوم اجتماعية				
8	SAH 101	مجتمع الامارات	3	لا يوجد
9	SAH 102	دراسات اسلامية	3	لا يوجد
10	SAH 103	تفكير نقدي	3	لا يوجد

متطلبات التخصص اجبارية (94 ساعة)

م	رقم المساق	اسم المساق	الساعات المعتمدة	المتطلبات السابقة
.1	LAW 211	المدخل لدراسة القانون	3	لا يوجد
.2	LAW 212	القانون الدستوري و النظم السياسية	3	لا يوجد
.3	LAW 213	مبادئ علم الإقتصاد	3	لا يوجد
.4	LAW 214	مصطلحات قانونية باللغة الإنجليزية 1	1	لا يوجد
.5	LAW 215	القانون الدولي العام	3	LAW 211
.6	LAW 216	المدخل للفقه الإسلامي	3	لا يوجد
.7	LAW 217	مبادئ القانون الإداري	3	LAW 211
.8	LAW 221	مصادر الالتزام الارادية	3	LAW 211
.9	LAW 222	قانون الجزاء العام 1	3	LAW 211

LAW 214	1	مصطلحات قانونية باللغة الإنجليزية 2	LAW 223	10.
LAW 222	3	قانون الجزاء العام 2	LAW 224	11.
LAW 221	3	مصادر الالتزام غير الارادية	LAW 225	12.
LAW 224	3	قانون الجزاء الخاص	LAW 311	13.
LAW 225	3	العقود المسماه	LAW 312	14.
LAW 225	3	احكام الالتزام و الاثبات	LAW 313	15.
LAW 216	3	الأحوال الشخصية	LAW 314	16.
LAW 211	3	مبادئ القانون التجاري	LAW 315	17.
LAW 315	3	الشركات التجارية و الإفلاس	LAW 321	18.
LAW 314	3	أحكام المواريث والوصايا والوقف	LAW 322	19.
LAW 315+LAW 223	3	الأعمال المصرفية و الأوارق التجارية (جزء باللغة الإنجليزية)	LAW 323	20.
LAW 312	3	الاجراءات المدنية و التجارية	LAW 324	21.
LAW 221	3	قانون العمل و التشريعات الإجتماعية	LAW 325	22.
LAW 321	3	قانون التجارة الدولية (جزء باللغة الإنجليزية)	LAW 411	23.
LAW 324	3	قانون الدولي الخاص	LAW 412	24.
LAW 324	3	التنفيذ الجبري	LAW 413	25.
LAW 223	3	قانون التحكيم الدولي و الداخلي (باللغة الإنجليزية)	LAW 414	26.
اجتياز 90 ساعة معتمدة بنجاح (Pass 90 CH)	2	التدريب العملي الداخلي	LAW 415	27.
LAW 321	3	القانون البحري و القانون الجوي	LAW 416	28.
LAW 341+LAW 324	1	التدريب العملي الخارجي	LAW 421	29.
LAW 313+LAW 223	3	الجوانب القانونية للتجارة الإلكترونية باللغة الإنجليزية	LAW 422	30.
LAW 311	3	قانون الاجراءات الجزائية	LAW 423	31.
LAW 313	3	الحقوق العينية و التبعية	LAW 424	32.
LAW 314	3	اصول الفقه الإسلامي	LAW 425	33.
اجتياز 100 ساعة معتمدة بنجاح (Pass 100 CH)	2	بحث التخرج	LAW 426	34.

متطلبات تخصص اختيارية (9 ساعات)

الساعات المعتمدة	اسم المساق	رقم المساق	م
3	قانون حماية المستهلك	LAW 231	1.
3	قانون الجنسية و مركز الأجانب	LAW 232	2.
3	قانون الملكية الفكرية (باللغة الإنجليزية)	LAW 233	3.
3	المنظمات الدولية	LAW 234	4.
3	المالية العامة و التشريع الضريبي	LAW 235	5.
3	قانون حماية البيئة	LAW 331	6.
3	التشريعات الجزائية الخاصة	LAW 332	7.
3	علم الأجرام و علم العقاب	LAW 333	8.

12.   Course Descriptions

12.1 English Test Preparatory (ETP) Courses

English Test Preparation I (ETP I)
Pre-requisite: None
Seeking to offer preliminary preparation for the TOEFL / IELTS examinations, this course provides students with the basic groundwork on grammar and vocabulary, as well as on TOEFL reading, structure, listening, and IELTS reading, writing, listening a n d speaking. In addition, basic editing principles are introduced and implemented in writing assignments. The course also assists students in building test-taking skills whilst preparing them for academic studies. Successful completion of this course will enable students to proceed to English Test Preparation II.

English Test Preparation II (ETP II)
Pre-requisite: ETP 1
This course has been designed to provide students with the opportunity to refine and polish previous English skills as well as learn new ones. It provides students with a continuing study of grammar, vocabulary, speaking, academic reading and written expression. Both IELTS and TOEFL test-taking strategies are emphasized; students are exposed to examination situations with a balanced degree of focus on grammar, reading, speaking, listening, and written expression. Successful completion of this course will enable students to proceed to English Test Preparation 111.

English Test Preparation III (ETP III)
Pre-requisite: ETP 11
This course has set designed to further develop the reading, writing, structure, speaking and listening skills by incorporating more complicated vocabulary and grammatical structures. The course is meant to sensitize students to exam-taking techniques whilst highlighting some of the most essential strategies. It helps learners to fully explore each aspect related to both TOEFL and IELTS. To teach time management techniques, mock examinations are an important feature of the course. Towards the end of this course, students are expected to be able to write TOEFL and/or IELTS examinations with confidence.

12.2 General Education Courses

Communication Skills (ENL 102)   (3-3-0)
Pre-requisite: None
The purpose of this course is to present an overview of the foundations of human communication, with particular emphasis on the skills necessary to establish and maintain effective professional and personal relationships. The course covers the elements, principles and goals of human communication. It deals with developing the skills of interpersonal, cultural and small group communication.

Computer Applications and Technology (SAT 103)   (3-2-2)
Pre-requisite: None
The course provides an introduction to the fundamentals of computer information technology, including the information processing cycle. The course provides a survey of computer technology, nomenclature, and use as productivity tools. It also provides the opportunity for developing an understanding of the personal computer and emphasize its use as both stand-alone and networked devices. Exercises using application programs, an exercise using a program scripting language and various lab assignments will allow students to interact with computer technology, hardware and concepts of common application programs in the current PC environment.

English Composition (ENL 101)   (3-3-0)
Pre-requisite: None

The course deals with paragraph and essay writing in different rhetorical modes and shows how writers can achieve focus and coherence; support their claims with evidence as well as proofread and edit their work. This course will also focus on relevant language points in order to strengthen grammatical fluency and use of mechanics.

Environmental Studies (SAT 104) (3-3-0)
Pre-requisite: None
This course is interdisciplinary introduction to the scientific and sociopolitical aspects of environmental and natural resource issues. Students will explore the contributions of different disciplines such as ecology, earth science, sociology, technology, and economics to the understanding of the causes and proposed solutions to the environmental problems.

Fundamentals of Statistics (SAT 102) (3-3-0)
Pre-requisite: None
This course discusses knowledge of theoretical and practical fundamentals of statistics. This includes statistic methodology and practical skills of collection, processing and analysis of statistical data characterizing modern economic and social development of society. The object of investigation in statistics is mass economic, financial and social events and processes.

General Mathematics (SAT 101) (3-3-0)
Pre-requisite: None
Includes a brief review of intermediate algebra, equations and inequalities, functions and their graphs, exponential and logarithmic functions, linear and non-linear systems, graphing of the main functions and their properties, single variable calculus which includes: limits, continuity, derivatives, and applications of derivatives as well as indefinite and definite integrals and some applications.

General Science (SAT 105) (3-3-0)
Pre-requisite: None
The course entails a brief overview of main science disciplines of physics, chemistry, and biology. The course will also draw connections between key contents of the course with practical examples taken from our daily lives.

Islamic Studies (SAH 102) (3-3-0)
Pre-requisite: None
This course is designed to develop a better understanding of Islamic belief and its application in life. In addition, the course deals with current issues and challenges. The course also provides basic knowledge about the social and economic systems of Islam, with a view to providing a better understanding of Islam.

Reasoning and Critical Thinking (SAH 103) (3-3-0)
Pre-requisite: None
This course covers the fundamentals of reasoning and argumentations related to thinking and analysing a topic with logic. It includes understanding the elements of reasoning and the kind of thinking involved in solving problems critically, making inferences and effective decisions. The purpose of this course is to give students the tools and skills needed to achieve deep and significant learning in all disciplines and as well as in life.

Research and Learning Skills (ENL 104) (3-3-0)
Pre-requisite: None
This course focuses on the research and learning skills needed to succeed in the university. Topic include: improving comprehension, utilizing reading strategies for study purposes, developing vocabulary, mastering course content, taking notes, managing time, taking tests, writing assignments,

referring techniques, setting academic goals, and making optimum use of study resources. Tutoring, counseling and computer learning assistance are provided.

Technical Writing (ENL 103)   **(3-3-0)**
Pre-requisite: None
Technical Writing prepares and familiarizes students with the principles of clear, concise writing in a technical environment for specific discourse communities. Technical Writing conventions such as headings, illustrations, style and tone in the writing of a variety of reports will be considered.

UAE Society (SAH 101)   **(3-3-0)**
Pre-requisite: None
The course includes several topics that aim at providing students with aspects of knowledge and methodological tools which enable them to understand the basic constituents of the U.A.E society and its variables that are derived from the Arabic Islamic Culture. The course also allows students to analyze and know about the structure of the society with its historical, geographical, demographic, economic, and political dimensions. It also raises the students' awareness of the dynamics of the contemporary changes occurring in the society due to modernization process and globalization steering, and knowledge of the role of the societal institutions in dealing and adjusting with these dynamics at present and in future.

12.3 Foundation, Core, and Specialization Courses

12.3.1 Bachelor of Business Administration (BBA)

Foundation Courses

Introduction to Financial Accounting (BSA 201)   **(3-3-0)**
Pre-requisite: None
Financial accounting supports different users of accounting information by providing financial reports to evaluate performance and recognize the financial position of service and merchandising organizations. This introductory accounting course covers the basic concepts of accounting, the recording process, accounting cycle, worksheet, merchandising operations, inventories, and preparation and analysis of the basic financial statements and reports.

Principles of Microeconomics (BSE 201)   **(3-3-0)**
Pre-requisite: None
Microeconomics is concerned with the analysis of economic situations from the perspective of the individual organizations or units.. The course provides the basic concepts and tools needed to undertake the analysis of such problems that arise due to the law of scarcity. The course provides elementary knowledge of basic concepts of economics used in business context such as demand and supply analysis, production and cost analysis. In addition, the functioning of competitive and noncompetitive product markets is studied, as is the performance of the markets for resources.

Principles of Macroeconomics (BSE 202)   **(3-3-0)**
Pre-requisite: BSE 201
The purpose of the course is to introduce students to the basic ideas of macroeconomics. The focus is on the functioning of an economy as a whole rather than the behavior of individual economic units such as households and firms. The course provides the opportunity for students to explain the economy at the aggregate level and analyze the effects of fiscal and monetary policies on aggregate output and related productivity measures. Special attention will be placed on analyzing the laws of supply and demand, national income accounting, national savings and investment, inflation, unemployment, the monetary system, and government economic policy.

Principles of Management (BSG 201)   **(3-3-0)**
Pre-requisite: None
This course provides basic understanding of principles of management. It also provides an overview of the roles, functions, and responsibilities of management. While offering an up-to-date and reflective perspective, the course goes steadily through the evolution of management thinking and explores a wide range of concepts, theories, and approaches to management. The module further attempts to develop a systematic understanding of the fundamental aspects of the managerial decision making process.

Fundamentals of Marketing (BSM 201)   **(3-3-0)**
Pre-requisite: None
The course focuses on formulating and implementing marketing management and its policies, a task undertaken in most companies at the strategic business unit level. The marketing management process is important at all levels of the organization, regardless of the title applied to the activity. Typically, it is called corporate marketing, strategic marketing, or marketing management. All of these involve essentially the same process, even though the actors and activities may differ. The course will provide a systematic framework for understanding marketing management and strategy.

Human Resource Management (BSG 202)   **(3-3-0)**
Pre-requisite: BSG 201
This course outlines a wide range of concepts, theories, and approaches of HRM and attempts to link them to both local and global contexts. This module not only covers the most current research and trends in HRM, but it also offers comprehensive and integrative case-wise practices. HRM also extends the student's knowledge beyond the basic personnel functions to the area of managing human resources in business organizations.

Introduction to Business Law (BSG 203)   **(3-3-0)**
Pre-requisite: BSG 201
This course discusses the fundamentals of Business Law. It introduces students to the complexities of the legal and regulatory environments within which business firms operate. The course is designed to help students apply some necessary legal knowledge to real-life business problems and to develop within them an appreciation for the legal implications of business transactions.

Principles of Financial Management (BSF 201)   **(3-3-0)**
Pre-requisite: BSA 201
Business engagement requires company financial managers to make three kinds of important decisions: (a) Investment decisions (both and long term ones), (b) Financing decisions, (c) Dividend decisions. The course is designed to familiarize students with the management of firm's financial resources. Hence, it covers areas such as financial analysis, time value of money, financial forecasting, capital budgeting, cost of capital, and capital structure.

Principles of Entrepreneurship and Small Business Management (BSG 204)   **(3-3-0)**
Pre-requisite: BSE 201, BSG 201
This course focuses on starting small businesses and managing their activities. It also addresses problems and common issues in starting-up new business. Specific topics include industry and market feasibility, product and service feasibility, financial feasibility, employee relations, expansion, capital needs, marketing strategy, legal issues, and financial planning and financing options. The course also covers buying existing business and franchising as well as developing effective business plans.

Business Statistics (BSG 205)   **(3-3-0)**
Pre-requisite: SAT 101 and SAT 103
This course examines the application of statistical analysis, hypothesis testing, and regression analysis in business decision making. The course will focus on the utilization of statistical methods as applied to business problems and operations.

Management Information Systems (BSS 201) (3-3-0)
Pre-requisite: SAT 103

This course provides an overview of information systems in the business world. It presents an organizational view of how to use information technology to create competitive firms, manage global organizations, and provide useful products and services to customers. Topics include hardware, software, databases, telecommunication systems, and the strategic use of information systems. The course also covers the development of information systems and social and ethical issues involved in information systems.

Core Courses

Economy and Business in the GCC (BSE 301) (3-3-0)
Pre-requisite: BSE 202

The course deals with contemporary economic and business issues in the GCC countries. It exposes students to the GCC countries strategic economic and business development plans. The module provides an opportunity for students to appreciate best practices in doing business. It also examines the characteristics of GCC economies; the political, legal, social, and cultural environment for business in these countries; and the characteristics of private business in the GCC.

Organizational Behavior (BSG 302) (3-3-0)
Pre-requisite: BSG 201

This course is designed to equip students with basic concepts, theories, and models of Organizational Behavior. The course also provides students with skills and tools that will enable them to identify, analyze, evaluate, etc. individual and group behavior in business organizations. Particular emphasis is placed on the role of individual characteristics and organizational variables in engendering or contributing to functional/dysfunctional individual/group behaviors in the organizational context. Emphasis is also placed on the effect of such behaviors on the overall organizational performance and effectiveness. A wide range of topics pertinent to contemporary business organizations are explained, analyzed, and critically evaluated. Those topics include, but are not limited to, individual attitudes and motivations, personality traits, work teams, conflict and negotiation and organizational power and politics.

Project Management (BSG 303) (3-3-0)
Pre-requisite: BSG 201

This course focuses on the application of the project life cycle stages. The module covers the project feasibility studies and economic viability, strategic and financial assessment of project proposals, project planning and control using WBS, CPM, PERT, Gantt, Chart techniques with cost analysis, and project evaluation. The module provides an opportunity for students to learn terms and concepts needed to communicate about organizing, monitoring, and successfully completing projects.

Leadership Skills (BSG 304) (3-3-0)
Pre-requisite: BSG 201

This course focuses on leadership principles, theories, qualities, styles, and models with a focus on developing leadership skills and potential. This course also designed to assist students in identifying leadership styles, traits, strengths, theories, and opportunities for improvements. Service obligations, ethical implications, gender leaders, and different cultures are emphasized throughout the course.

Management Accounting (BSA 301) (3-3-0)
Pre-requisite: BSA 201

Management accounting provides necessary tools to enhance managers' ability to make effective decisions. The course describes the theory and practice of producing information that is useful in managerial decision-making. The focus is on cost behavior, profit planning, budgeting, and performance evaluation and control decisions.

Decision Science (BSG 305)   **(3-3-0)**
Pre-requisite: BSG 205
This is an introductory course focusing on management science/operations research techniques used in analytical decision making. The major topics covered include: linear programming modeling and solution, distribution problems, network models, and decision analysis. The overall objective of this course is to provide students with a sound conceptual understanding of management science models and their role in solving business problems.

Business Communication (BSG 306)   **(3-3-0)**
Pre-requisite: BSG 201 and ENL 102
This course introduces students to communication theories and strategies for a variety of business situations, including memos, letters, presentations, proposals, reports, and technology-based communication such as routine e-mails. Using a developmental approach to business communication, the course examines methods for organizing ideas, analyzing data, addressing diverse concerns, presenting information, and developing a professional communication style. The module also provides an opportunity to pay special attention to cultural variations in communication and examines strategies critical for effective global business communication.

International Business (BSI 301)   **(3-3-0)**
Pre-requisite: BSG 201 and BSE 202
This course offers a survey of international business and trade and foreign investment, including discussion of cultural, political, social, and economic aspects of doing business abroad. It also examines in some detail the theories of international trade and economic development and foreign direct investment (FDI). The module helps students develop techniques for entering the international marketplace, and self-evaluate the patterns of world trade. The module also provides an opportunity for students to appreciate best practices in international business in different organizations.

Operations Management (BSG 307)   **(3-3-0)**
Pre-requisite: BSG 201
The course deals with management of operations designed to transform inputs into outputs in the form of goods and services. The course aims at equipping the students with the competencies necessary to plan, organize, and control operations functions to match outputs to customers' needs and wishes with the right quality standards.

Introduction to Business Technologies (BSS 301)   **(3-3-0)**
Pre-requisite: BSS 201
This course introduces the student to the concepts related to Internet technologies, Web design concepts, and information architecture. The course emphasizes the philosophy and purpose of web sites, different design structures, linking design structures, design processes, site plan, web sites, navigational issues, Web technologies, and Multimedia in Web designing.

Internship (BSG 310)   **(3 credits)**
Pre-requisites: Participants should have completed all core courses. They must have a CGPA of at least two (2) and earned 90 credits. All participants should meet the Dean as well as the Career Planning and Placement Services Head before starting the internship work.
The internship course is designed to help students develop appropriate skills and capabilities applicable to their future jobs and careers. It supplements and reinforces classroom learning by providing real-world experience in the field of business and equips them with relationship and problem-solving skills. It involves providing work experience on a job in the field of business consistent with the abilities and aptitudes of the student.

Strategic Management (BSG 490)   **(3-3-0)**
Pre-requisite: BSG 302, BSA 301, BSG 307, and BSI 301

This course is designed to provide an understanding of critical business skills of strategic planning and decision making. It also provides an opportunity for the student to apply these skills to real business situations. It is a capstone course for undergraduates majoring in business, because it provides the students with an understanding of the role and responsibilities of top managers in business organizations. The course is designed to integrate knowledge, skills, and concepts acquired in all business courses.

Marketing Specialization Courses

Advertising and Sales Promotion (BSM 302) (3-3-0)
Pre-requisite: BSM 201
This course focuses on the advertising and selling organization. In a competitive world, having a good sales team is crucial. The course begins with the discussion of the advertisement and selling process and the characteristics of successful sales representatives. It then addresses the key elements to consider in building a sales management structure and the operations of the structure's elements. Specific topics include recruiting strategies, sales training requirements, sales organization and management structures, sales territory creation, compensation plans, motivation elements, quota, sales forecasting, sales process, sales force automation, and leadership skills.

Consumer Behavior (BSM 303) (3-3-0)
Pre-requisite: BSM 201
The course explores basic marketing principles and examines contemporary issues relevant to our changing world. The course emphasizes the creation of customer value and satisfaction through the understanding of those principles and practice.
As the primary focus of this course is the psychological dimensions of the buying process, prior understanding of the basic marketing concepts and theories is of paramount importance.
The course seeks to illustrate the practical importance of understanding consumer knowledge and attitudes. It discusses various approaches to assessing such knowledge and attitudes, identifies the major factors that influence how consumers process and learn marketing information, and discusses various techniques at the marketer's disposal for influencing consumer attitudes and behavior.

Service Marketing (BSM 304) (3-3-0)
Pre-requisite: BSM 201
This course introduces the student to the various aspects of services marketing. Specifically, it examines the unique characteristics of services marketing, management and evaluation of service quality, techniques for service recovery and improvement, and service marketing in global environments. Particular emphasis is placed on analyzing the service encounter and the perception of service quality by service recipients and the service providers.

International Marketing (BSM 401) (3-3-0)
Pre-requisite: BSM 201 and BSI 301
This course is designed to analyze International marketing problems arising from various degrees of foreign involvement. The focus of the course is on International marketing problems, marketing research, project planning and development, pricing, promotion, distribution, and organization. The course emphasizes international management marketing. The course introduces students to business periodicals on international marketing and encourages them read some of those periodicals.

Marketing Research (BSM 402) (3-3-0)
Pre-requisite: BSM 201 and BSG 205
The primary objective of this course is to examine marketing research as a tool for providing information for marketing decision making. The course provides students with a solid background in marketing research methodology, covering such topics as problem formulation, data collection and analysis, and presentation of research findings. The course will also equip students with skills to design and implement primary research projects and evaluate published marketing research studies and reports. Finally, this

specialized course is designed to develop in students a managerial appreciation of the role of research in marketing practice and how results are used in decision-making.

Marketing Strategies (BSM 403) (3-3-0)
Pre-requisite: BSM 302 and BSM 303
This course introduces students to one of the challenging decision making areas in management. The word challenging is meant to be emphasized here because the area of strategic marketing brings a level of intellectual rigor and synthesis that is rarely found in any branch of the existing disciplines. This is because strategic marketing cuts across and makes use of the concepts and analytical tools of disciplines such as finance, consumer behavior, economics, politics, and sociology among others.

Accounting Specialization Courses

Intermediate Accounting I (BSA 302) (3-3-0)
Pre-requisite: BSA 201
Intermediate accounting I is a continuation of the financial accounting study with emphasis on the development of accounting theory and practice. The course examines the conceptual framework of IFRS and the concepts and techniques that underlie the preparation of financial statements. Current and non-current assets and related concepts are also covered.

Cost Accounting (BSA 303) (3-3-0)
Pre-requisite: BSA 201
This course introduces students to the concept of costing and the need for cost analysis in business. It also introduces students to cost accounting techniques that transform financial data into information that decision-makers use to determine and support company strategies, improve products and services, and increase resource utilization efficiency. Topics include cost behavior, resource allocation, assigning costs to production centers, and activity based cost systems.

Intermediate Accounting II (BSA 401) (3-3-0)
Pre-requisite: BSA 302
Intermediate accounting II provides in-depth knowledge about accounting principles and practices for liabilities and equity. The course is a natural extension to intermediate accounting I and covers the recording and valuation of all current and long term liabilities and the owners' equity. Revenue recognition concepts and recording accounting changes and errors will also be covered. The emphasis will be on the standards prescribed under the International Financial Reporting Standards.

Accounting Information Systems (BSA 402) (3-3-0)
Pre-requisite: BSA 201 and SAT 103
Information technology has created new challenges and opportunities for accountants who also have expertise in information systems. Many traditional accounting functions are now embodied in systems that require a different combination of technical and financial knowledge. The AIS course is designed to provide this combination of knowledge and skill sets to meet the new challenges and opportunities of the information technology world. This course explains the application of computer technology in the design, implementation and operations of the accounting tools, the actual processing of accounting transactions, and the application of the systems to the accounting cycle.

Auditing (BSA 403) (3-3-0)
Pre-requisite: BSA 201
This course presents auditing concepts and procedures. It provides students with a clear perspective of the current auditing environment. It also discusses the challenges inherent in the auditing practice and how the auditor can live up to the expectations of stakeholders from the profession. The topics include audit standards, audit programs, audit tests, and audit reports.

Advanced Accounting (BSA 430)   **(3-3-0)**
Pre-requisite: BSA 302
This advanced course in accounting deals with the preparation of accounting statements for partnerships and corporations. Accounting for admissions, retirement and liquidation of partenerships is covered.The emphasis of the course is on accounting for corporate mergers and acquisitions and on the preparation of consolidated financial statements.

Finance Specialization Courses

Financial Institutions and Markets (BSF 301)   **(3-3-0)**
Pre-requisite: BSF 201 and BSE 202
Financial institutions have been increasingly influenced in recent times by financial innovations in terms of products and instruments, adoption of modern technologies, opening up of the market to the global economy, and the streamlining of the regulatory framework. This course provides students with a basic understanding of financial intermediaries and their management, with emphasis on risk management. It describes and classifies FIs by the type of intermediation services they provide and regulatory supervision they receive. More importantly, it identifies the risks that all FIs to varying degrees are exposed to, and indicates how such risks are measured and managed.

Working Capital Management (BSF 302)   **(3-3-0)**
Pre-requisite: BSF 201
Working capital is the amount of funds used for financing the day-to-day operations in a business concern. The management of working capital is no less important than the management of long-term financial investment. The course covers such areas as the various dimensions of working capital concept, components of working capital, methods for estimation of working capital for various business establishments, inventory management, receivables management, cash management, financing of current assets, and fund flow analysis.

Financial Statements Analysis (BSF 303)   **(3-3-0)**
Pre-requisite: BSF 201
Markets are enormously efficient information processors when they have the information and that information faithfully portrays economic events. Financial statements are one of the basic tools for communicating that information. To make useful and proper financial and investment decisions, financial statements are to be accurately analyzed and interpreted. The course covers the different aspects of financial statements analyses and interpretations.

Security Analysis and Portfolio Management (BSF 401)   **(3-3-0)**
Pre-requisite: BSF 303
This course provides students with various knowledge and analytical abilities and background in securities and portfolio management. Students will learn how to construct an optimal portfolio of investments, investment alternatives, making estimates of the returns on securities of portfolio as well as their risks. Students will study and learn how to use and implement the various concepts in major subjects such as income securities, bonds, common stocks, and the stockholders claim. Also the student will learn the subjects and tools of the primary securities, derivative securities, the option contracts, forward contracts, international financial markets, Dubai Financial Market, and the foreign exchange markets.

International Financial Management (BSF 402)   **(3-3-0)**
Pre-requisite: BSF 201 and BSE 202
The course discusses the various dimensions of international financial management such as the evolution and growth of international financial markets, the spot and forward market, exchange rate determination, foreign exchange quotations, international parity relationship, interest rate parity, purchasing power parity, the Fisher Effect, arbitrage, futures and options, and foreign exchange exposure and its management.

Corporate Finance (BSF 430)   **(3-3-0)**
Pre-requisite: BSF 301 and BSF 302
This course is considered the capstone course in the finance specialization. It mainly focuses on long-term financing and the risk associated with investment and evaluating criteria for projects. An in-depth analysis of capital budgeting techniques, cash flow estimation and risk analysis, capital structure and leverage, dividends and repurchases, issuing securities, and long term debt are covered in this course.

Information Systems Specialization Courses

Data Base Management Systems (BSS 304)   **(3-2-1)**
Pre-requisite: BSS 201
The course introduces students to database management concepts, normalization of database, and object oriented database. Course topics include database systems architecture, introduction to SQL language, and introduction to object oriented Database.

Telecommunication and Network Management (BSS 350)   **(3-3-0)**
Pre-requisite: BSS 201
The objective of this course is to provide students with an understanding of telecommunications concepts relevant to distributed-network-design decision making in business organizations. The students will be introduced to the telecommunications Open System Interconnection model layer structure, different protocols at each layer of the OSI model, hardware requirements of computer networks, different local area networks: internets, the Internet (Ethernets, FDDI, token ring etc.), the WWW, TCP/IP, and other telecommunications. Throughout the course, emphasis will be on a business approach to telecommunications applications and tools.

System Analysis and Design (BSS 352)   **(3-3-0)**
Pre-requisite: BSS 201
This course introduces students to the major approaches to information systems analysis and design for a range of applications. Topics covered include structured systems analysis and design methodologies, functional decomposition, data flow approach, and information modeling.

Business Intelligence (BSS 403)   **(3-3-0)**
Pre-requisite: BSS 304
This course introduces basic principles of Business Intelligence Systems in various areas especially in the business environment including organizational responses and computerized support. Moreover, it provides an overview about a conceptual framework for the process of supporting managerial decision- making.

Information Systems Security (BSS 405)   **(3-3-0)**
Pre-requisite: BSS 350
The course provides an overview about different methods to assure genuine, secure, and confidential transmission of data across networks. Topics covered include basic concepts of main security and privacy issues of the Internet and devices and implementation of security methods for the Web.

Information Systems Project Work (BSS 490)   **(3-0-6)**
Pre-requisite: BSS 352 and 105 credits and appropriate courses suggested by the supervisor
The Course involves an information system project where students can utilize what they learned in previous courses to solve business related problems.

International Business Specialization Courses

International Trade (BSI 320)   **(3-3-0)**
Pre-requisite: BSI 301

This course explores theories of international trade and the causes of trade. It helps students analyze the various instruments of trade policy (tariffs, quotas, anti-dumping and countervailing duties, etc.), World Trade Organization, foreign exchange, exchange rates, balance of payments, international banking, reserves, debt and risk, and globalization. Finally, the course explores the link between trade and the environment. The module provides an opportunity for students to appreciate best practices in international trade.

Global Business Strategy (BSI 330) (3-3-0)
Pre-requisite: BSI 301
This course provides the students with an understanding of how firms gain and sustain competitive advantage in a global setting. It examines the strategic, organizational, and managerial challenges faced by companies operating in today's international markets and thereby in meeting the strategic objectives of business. Students will learn the particulars of an international strategic agenda in light of a firm's competencies and sources of competitive advantage. Based on contemporary global issues, a wide range of real life case studies will be analyzed and discussed. The module will provide an opportunity to students to analyze critically different strategic options and alternatives. Throughout the course, initiative, creativity, and critical thinking on part of the students will be encouraged and rewarded.

International Marketing (BSM 401) (3-3-0)
Pre-requisite: BSM 201 and BSI 301
This course is designed to analyze International marketing problems arising from various degrees of foreign involvement. The focus of the course is on International marketing problems, marketing research, project planning and development, pricing, promotion, distribution, and organization. The course emphasizes international management marketing. The course introduces students to business periodicals on international marketing and encourages them read some of those periodicals.

International Financial Management (BSF 402) (3-3-0)
Pre-requisite: BSF 201 and BSE 202
The course discusses the various dimensions of international financial management such as the evolution and growth of international financial markets, the spot and forward market, exchange rate determination, foreign exchange quotations, international parity relationship, interest rate parity, purchasing power parity, the Fisher Effect, arbitrage, futures and options, and foreign exchange exposure and its management.

Special Topics in International Business (BSI 403) (3-3-0)
Pre-requisite: BSI 320
The course is designed to address several specific topics in greater detail which could not be covered in other courses in the international business specialization. The module focuses on the elements of foreign investment, international trade and issues pertaining to intellectual properties across the globe and thereby in meeting the strategic objectives of international business. It also examines the current issues in global economy and their impact on multinational companies to provide an opportunity to students to appreciate best practices in special topics in international business in different organizations.

International Human Resource Management (BSM 404) (3-3-0)
Pre-requisite: BSG 202
The course is designed to provide professional understanding and knowledge of the main issues involved in managing human resources at the international level. The course provides an overview of HRM functions and policies in the global context. Special attention is given to the problems faced by international HR-managers in diverse cultures. The module would provide an opportunity to students to appreciate best practices in international human resource management in different organizations.

Human Resource Management Specialization Courses

Performance Management (BSH 302) (3-3-0)
Pre-requisite: BSG 202
This course focuses on the various components of the system of performance management in organizations. The purpose of this course is to introduce the students to the implementation of performance standards, measuring the actual performance against desirable standards, providing feedback to employees, and formulating corrective action in order to improve the nature and quality of their performance in the work-place.

Strategic Human Resource Management (BSH 303) (3-3-0)
Pre-requisite: BSG 201 and BSG 202
The course analyzes the processes by which human resources are managed in light of their strategic importance. It describes the integrative framework that links HRM practices and programs with the process of strategic management of an organization. It focuses on the relationship of the important functions of HR management (i.e., the acquisition, development, motivation, and retention of human resources) with the strategic management of an organization. This course will help the students in integrating HR strategy with overall business strategies and the roles of HR managers, examining both how HR functions contribute to and is affected by that strategy.

Staffing and Techniques of Employee Selection (BSH 304) (3-3-0)
Pre-requisite: BSG 202
The overall aim of this course is to expose students to all facets of staffing (i.e., recruiting, interviewing, selecting, and orienting new employees) considering the crucial importance of the nature and quality of people in the growth of an organization in the present-day globalized world of work. The methods and techniques that are covered in this course are applicable to all work environments: corporate and nonprofit, technical and nontechnical, and large and small organizations.

Compensation and Benefits Management (BSH 401) (3-3-0)
Pre-requisite: BSG 202
This course provides basic understanding of the importance of compensation and benefits in attracting, motivating, and retaining employees, thereby meeting the strategic objectives of business. It exposes the students to the steps involved in the process of developing a compensation and benefits package for medium or large-size organizations. The module provides an opportunity for students to appreciate best practices in compensation and benefits management in different organizations.

Managing Professional Development (BSH 402) (3-3-0)
Pre-requisite: BSG 202 and BSG 304
This course focuses on understanding various components of managing professional development in the current scenario which is characterized by 'corporate obsolescence'. The objective of the course is to familiarize the students with the different stages involved in the process of professional development. The course exposes the students to the latest techniques of professional development, with special reference to the use of information and communication technologies. The course exposes the students to web-based training and new training technologies. Students will learn how the Internet plays a role in training and development.

Ethics at Work Place (BSH 410) (3-3-0)
Pre-requisite: BSG 202 and BSG 302
The course will expose the students to the significance of ethics at the contemporary workplace in which business is conducted among individuals with diverse backgrounds and motives. It focuses on the perspective of using the ethical means at the work place in order to achieve the ultimate ends of business, namely, growth, profits, etc. This course introduces students to generic, universal standards by which to judge and encourage ethical behavior in the workplace. This course shows that ethical behavior requires correct designs of organization systems, rather than an attempt to change the individual employees.

Quality Management Specialization Courses

Achieving Business Excellence (BSQ 301)   (3-3-0)
Pre-requisite: BSG 204

Business Excellence is often described as outstanding practices in managing the organization and achieving results, all based on a set of fundamental concepts or values. This course aims to provide students with the knowledge of these concepts. Topics will include mission, values and vision for business excellence; how to market and sell excellence; how to achieve financial, production and procurement excellence; the business excellence MAP and how to get the best out of people, organisation and culture.

Business Process Management (BSQ 302)   (3-3-0)
Pre-requisite: BSG 302

Management of business processes is one of the most important and practical subject matters to get quality taking place in all kinds of organizations. The course provides students with the necessary perspective, knowledge and skills to understand the stage for business process improvement, process characteristics, various phases of process analysis, design, implementation, and benchmarking with best practices.

Managing Service Quality (BSQ 303)   (3-3-0)
Pre-requisite: BSG 307

Service quality is a term which describes a comparison of expectations with performance. A business with high service quality will meet customer needs whilst remaining economically competitive. This course equips students with the knowledge, skills and tools to manage service quality effectively in their organizations. Topics will include how customer service affects business, trends in customer expectations about service, factors affecting service quality, the concept of delight, technological trends and how to deliver a great experience through channel partners.

Managing Sustainable Performance (BSQ 304)   (3-3-0)
Pre-requisite: BSG 202

Performance management is an ongoing, systematic approach to improve results through evidence-based decision making, continuous organizational learning and a focus on accountability for performance. This course addresses topics and subjects typically experienced by quality management students seeking positions in firms with a strong focus on effective performance management analysis and implementation skills or projects in designing dashboards. Topics will include but will not be limited to such areas as how to align business and IT, types of performance dashboards, how to create performance metrics, and how to use dashboards.

Principles of Total Quality Management (BSQ 401)   (3-3-0)
Pre-requisite: BSG 410

Quality has evolved from an abstract concept into a strategy for long-term viability in organizations around the globe. This course is designed to enable students to analyze the principles that influence quality journey and determines appropriate approaches to foster a responsible and productive work environment. It examines a variety of theories, philosophies and frameworks used to understand challenges towards achieving sustainable performance and competitive advantages. The course also emphasizes the importance of managing processes through the uses of statistical thinking for the purpose of monitoring and uses Six Sigma applications for the purpose of minimizing variations.

Research Paper - Quality Management (BSQ 415)   (3-3-0)
Pre-requisite: BSG 410

This course instructs students on the theory and practice of a short research dissertation. The first part is on the theory and then students will be supervised through an investigation applying their knowledge. It will be on a subject within the broad range of possibilities within management of the student's own choice. It may be related to a subject that is relevant to the occupation in which they wish to progress

their career. The course covers a range of investigation skills which students may adopt and adapt at the time of their project as well as later in their careers to stay current with recent developments in their chosen profession. The main assessment item is the dissertation as the final product of the research process.

Elective Courses

Business Research Methods (BSG 410) (3-3-0)
Pre-requisite: BSG 201 and BSG 205
The Course is designed to provide students with a solid understanding of social science research methods in general and research in business in particular. The course guides the student on how to undertake and successfully complete a research project. Special attention will be given to the research activities of measurement, sampling design, data collection, and data analysis. Topics include the ontology and epistemology of business research, quantitative and qualitative research strategies, research design, measurement, data collection, data analysis, and the ethics of social research.

International Accounting (BSA 410) (3-3-0)
Pre-requisite: BSA 201
The course discusses the international dimensions of accounting vital for any one doing business or investing internationally. The International Financial Reporting Standards is highlighted throughout the course and the efforts of various organizations to harmonize accounting standards internationally is discussed. Topics such as comparative accounting, foreign currency translation, accounting for inflation, and international financial statement analysis are discussed.

Special Topics in Finance (BSF 410) (3-3-0)
Pre-requisite: BSF 201
Every firm must have a strategic plan if it wants to succeed in the long run. The strategic plan should be laid out carefully keeping all variables in view. The course considers some of the strategic decision making areas such as lease financing, hire purchase and installment system, factoring, securitization of debt, venture capital financing, bill financing, and risk analysis in capital investment decisions.

Special Topics in Marketing (BSM 410) (3-3-0)
Pre-requisite: BSM 201
This specialized course is designed to provide a detailed coverage of some of the topics that are either not covered in other marketing courses or receive relatively less attention. It is expected that this course will critically examine several important issues relating to services marketing, including in particular, the internationalization of services, travel and tourism, healthcare, education, communication, and financial services. The course also examines the marketing of services for non-profit and governmental organizations. The course will adopt a global perspective and examine regional issues in the global context.

Special Topics in E-Commerce (BSS 410) (3-3-0)
Pre-requisite: BSS 201 and SAT 103
The Internet and the World Wide Web are revolutionizing the way people, organizations and governments undertake business transactions with electronic commerce. This process will have an enormous impact on our activities and the ways we relate to other people and organizations. This course introduces the benefits of e-commerce and global and local internet models, examines various types of e-business models and e-commerce infrastructures, and discusses Web security and Internet legal considerations.

12.1.1 Bachelor of Science in Computer Science and Engineering (BSCSE)

Calculus I (MAT 111)   **(3-3-0)**
Pre-requisite: NONE
Topics include: limit, continuity, Differential calculus of functions of one variable Derivatives of trigonometric, exponential, and logarithmic functions; chain rule; implicit differentiation. Maximum and minimum values. Increasing, decreasing and concave functions; inverse trigonometric functions; hyperbolic functions; some engineering applications. Integral calculus of functions of one variable: definite and indefinite integrals, application of integration, (area, volume, length of curves).

Calculus II (MAT 112)   **(3-3-0)**
Pre-requisite: MAT 111 (Calculus I)
This course explores the following topics: Technique of integrations includes Integration by parts, integration using powers of trigonometric functions, integration using trigonometric substitution, integration by partial fractions, integration of improper integrals, basic numerical integration methods, Polar coordinates, Functions of several variables and partial derivatives, Local maxima, minima and Saddle points. Double and triple integrals, infinite series, tests for convergence, power series expansion of functions. Taylor, Laurent and Fourier series.

Linear Algebra and Complex Variables (MAT 113)   **(3-3-0)**
Pre-requisite: MAT 111 (Calculus I)
System of linear equations, matrices, matrix operations, partitioned matrices, Echelon form of a matrix, Gauss elimination solution of a system of a linear equations, (iterative methods), determinant of a matrix, eigenvalues and eigenvectors, diagonalization and similar matrices. The complex number system, Cauchy-Riemann conditions, analytic functions and their properties, roots, exponential, Log, trigonometric and hyperbolic functions of a complex variable.

Differential Equations (MAT 214)   **(3-3-0)**
Pre-requisite: MAT 112 Calculus II
Topics include: First order Differential Equations, Homogeneous, Exact and linear. Second and higher order DE, homogenous and non-homogeneous linear second-order DE. Basic numerical solutions (Euler & Rung Kutta methods), Applications of ordinary DE in engineering. Laplace transform: Inverse transform, Laplace transform of derivatives. Solution of ordinary DE by Laplace transform, Laplace transform of unit step function, General solution of linear system of differential equations with constant coefficients.

Discrete Mathematics (MAT 215)   **(3-3-0)**
Pre-requisite: NONE
This course covers fundamental concepts and tools in discrete mathematics. Fundamental principles: sets, relations, functions, mathematical logic and proof techniques and techniques of counting - permutations, combinations and recurrences are emphasized. Introduction to graphs and trees are also discussed.

Introduction to MATLAB (MAT 216)   **(3-3-0)**
Pre-requisite: MAT 113 Linear Algebra and Complex Variables
This course is designed to give students experience in working with MATLAB programming software. MATLAB is used to solve different scientific problems also the students will have experience in using Simulink, the simulation tool box within MATLAB.

Engineering Physics I (PHY 111)   **(3-2-2)**
Pre-requisite: NONE
This course covers vectors, motion in one and two dimensions, Newton's laws and applications, work and energy, linear momentum, torque and simple harmonic motion.

Engineering Physics II (PHY 112)   **(3-2-2)**
Pre-requisite: PHY 111
This course covers Coulomb's law, electric field, Gauss's law, electric potential, capacitors, resistors, Ohm's law, Kirchhoff's rules, RC circuit, magnetism, laws of reflection and refraction.

Probability Theory (MAT 317)   **(3-3-0)**
Pre-requisite: SAT 102 Fundamentals of Statistics
Probability , definition and basic axioms, Conditional probability, Bays theorem, independent events, Sampling from population, Discrete Random variable(binomial , hypergeometric, Poisson) , Continues random variable (normal , standard , t-distribution, chi-square distribution, Central limit theory, Estimation by confidence intervals for μ, σ^2 and a proportion from normal distribution, Testing hypothesis, Regression analysis, Confidence interval for the correlation coefficient, Testing hypothesis for the correlation coefficient.

General Chemistry (CHM 111)   **(3-2-2)**
Pre-requisite: NONE
The course covers the basic subjects of atomic theory, periodic table, electronic configuration and some simple chemical calculations concerning concentrations, in addition to molarity, PH and other related subjects. It also covers some simple practical examples of every day chemistry.

Introduction to Programming (ENG 131)   **(3-2-2)**
Pre-requisite: None
This course introduces the introductory concepts of procedural programming. Topics include data types, control structures, functions, arrays, pointers, files, and the mechanics of running, testing, and debugging programs.

Circuit Analysis I (ENG 241)   **(3-2-2)**
Pre-requisite: PHY 112
This course comprises of the following two parts:
Theoretical part: Application of fundamental concepts of electrical science in linear circuit analysis; mathematic models of electric components and circuits.
Practical part: Introduction to Circuit Simulators; electrical instruments; laboratory applications of electric laws; and circuit analysis techniques.

Digital Logic Design (ENG 251)   **(3-2-2)**
Pre-requisite: SAT 103
This course is designed to give students an introduction to digital concepts, including analog and digital signals, number systems and codes, analysis and design of combinational and sequential circuits. It provides a foundation for subsequent study of microprocessor and computer architecture and design.

Electronics I (ENG 252)   **(3-2-2)**
Pre-requisite: ENG 241
This course covers fundamental device characteristics including diodes, MOSFETs and bipolar transistors; large-signal characteristics and design of linear circuits.

Engineering Graphics (ENG 232)   **(2-1-2)**
Pre-requisite: SAT 103
This course provides the students with knowledge in descriptive Euclidean geometry, orthographic and perspective projections, engineering drawing techniques, and computer-aided engineering graphics. Point, line and plane relationships in projection, basic dimensioning and engineering applications which use graphical systems are also included in this course.

Engineering Economics (ENG 323)   **(2-2-0)**
Pre-requisite: None

The course is designed to cover economic principles and concepts including Demand, Supply, Equilibrium, Costs, Revenue and equilibrium of a firm, Market Structures. Capital Budgeting and other concepts relating to Marginal Social Costs and Benefits, Government Intervention and Externalities.

Signals and Systems (ENG 343) (3-2-2)
Pre-requisite: MAT 214

This course covers time-domain response and convolution; frequency-domain response using Fourier series, Fourier transform, discrete Fourier transform; sampling; relationships between time and frequency descriptions of discrete and continuous signals and systems.

Microprocessor Programming and Interfacing (ENG 354) (3-2-2)
Pre-requisite: ENG 251

This course covers the foundation of design and development of microprocessor/microcontroller-based system found in robots, automobiles, and industrial control systems. Students will be taught the basics of microprocessor/microcontroller organization and architecture and assembly programming language. The course will be based on a selected microprocessor/microcontroller

Social and Ethical Issues in Engineering (ENG 425) (2-2-0)
Pre-requisite: ENG 323

This course intends to engage students in current issues regarding professionalism, ethics, and engineering practices. Included are specific well-known, historical engineering ethics cases and professional practices of engineering, intellectual property issues, and new developments such as globalization, outsourcing.

Object Oriented Programming (CSE 233) (3-2-2)
Pre-requisite: ENG 131 Introductions to Programming

This course introduces the students to Object Oriented Programming via the use of java language. The following topics are explored: data types (both primitive and reference), classes and their relation to objects, methods (including constructors), encapsulation, overloading, inheritance, polymorphism, exception handling, interfaces, application documentation using javadoc, and basic GUI implementation using the Java Swing classes.

Data Structures and Algorithm Analysis (CSE 242) (3-2-2)
Pre-requisite: CSE 233 Oriented Programming

This course covers techniques to derive complexity measures for a given algorithm. It also includes fundamental data structures, algorithm design methods such as divide-and-conquer and greedy algorithms.

Database Systems (CSE 243) (3-2-2)
Pre-requisite: CSE 233 Object Oriented Programming

Topics covered in this course include; "classic" introduction to the relational data model concepts, comprehensive introduction to the database design theory, data models, architecture of database systems, data definition and manipulation languages, database design methods and the theory of data dependencies and database normalization. The lab work is designed to implement and support the theoretical concepts covered in the lectures.

Data Mining and Data Warehousing (CSE 446) (3-2-2)
Pre-requisite: CSE 243

This course introduces the concepts, algorithms, techniques, and systems of data warehousing and data mining, data preprocessing, integration and transformation, design and implementation of data warehouse and OLAP systems, data cube technology. The course also introduces the associations mining, basic and advance concepts and methods of classification, cluster analysis, and outlier analysis.

Computer Networks (CSE 351)   **(3-2-2)**
Pre-requisite: CSE 242 Data Structures and Algorithm Analysis
This course introduces the basic principles and concepts of data communications and computer networks. The layered architecture is introduced, as the services provided by each layer, the principles of the protocols that are responsible for providing those services, etc. are discussed. Emphasis is placed on general principles of protocol messaging, network multiple access control, error control, flow and congestion controls, routing, and etc. Important protocols used in local area networks and TCP/IP Internet are explained.

Operating Systems (CSE 335)   **(3-2-2)**
Pre-requisite: ENG 354 Microprocessor Programming and Interfacing
                  CSE 242 Data Structures and Algorithm Analysis
This course offers an overview of the principles of operating systems. Topics include multiple processes, process synchronization, CPU scheduling, resource allocation, memory management and security.

Internship (CSE 396)   **(3-0-8 Weeks Work)**
Pre-requisite: Finished 80 credit hours and CGPA >= 2.0
This course provides students with an opportunity to apply in a typical workplace the design and analysis tools in concurrence with their engineering skills and knowledge, along with their learned knowledge and understanding of the design process, to identify, solve, and document the solution to a real development problem(s) that the companies where they are working permits them to tackle. Moreover, students will gain an important on-site working experience that will help them to develop their team working, planning and problem solving practice. The course duration will be a minimum of 8 working weeks.

Computer Organization (CSE 352)   **(3-2-2)**
Pre-requisite: ENG 354 Microprocessor Programming and Interfacing
The course serves as an introduction to the design and analysis of modern computer architectures. It is expected that students entering this course will have some high-level language programming experience and basic understanding of digital logic. This course gives firm foundation for follow-on courses like Computer Architecture.

Principles of Programming Languages (CSE 336)   **(3-2-2)**
Pre-requisite: CSE 334 Automata and Formal Languages
This course takes a comparative study of current programming languages. It examines the structure of programming languages and their use in problem solving. The course discusses several concepts common to many important programming languages and investigates different ways these concepts can be implemented. The course covers the following programming paradigms: imperative, object-oriented, functional and logic programming.

Automata and Formal Languages (CSE 334)   **(3-3-0)**
Pre-requisite: MAT 215 Discrete Mathematics
The course introduces some fundamental concepts in automata theory and formal languages. It includes grammar, finite automaton, regular expression, formal language, pushdown automaton, and Turing machine. The course also discusses the properties of these models and various rigorous techniques for analyzing and comparing them.

Senior Year Design Project (CSE 497)   **(3-0- (6) Hrs Lab/Project Work)**
Pre-requisite: >=100 Credits
This course covers an individual study of computer science and engineering problems which leads to develop team and project planning skills in the context of the design of a computer based system which must meet a given specification. Special attention will be paid to issues of professional ethics, marketability, sustainability and the economic and environmental impacts of each design product.

Students, under the supervision of faculty member, will complete and present a project proposal. Technical communication skills, both written and oral, are engaged during this course.

Software Engineering (CSE 441) (3-3-0)
Pre-requisite: CSE 233 Object Oriented Programming
This course is concerned with the study and approaches for the development of large programming projects, including requirements analysis, specification, design, coding and testing, maintenance, and thorough documentation. This course will prepare students for working in teams to build quality software.

Computer Architecture (CSE 451) (3-3-0)
Pre-requisite: CSE 352 Computer Organization
This course is aimed to address the most important issues necessary in designing a computer system. The topics included are: computer abstractions and technology, data path and controller design, processor system design, memory systems, busses and peripherals, pipelining, CPU performance and metrics, and distributed system models.

Digital System Design (CSE 452) (3-2-2)
Pre-requisite: CSE 451 Computer Architecture
This course is designed to give students an introduction to the design and analysis of digital systems using Hardware Descriptive Language (HDL). The primary aim is to provide in depth understanding of logic and system design, synthesis, optimization for speed and power consumption. FPGA development system and Verilog HDL software will be used for simulation, synthesis and design of the homework assignments and design project.

Software Project Management (CSE 442) (3-2-2)
Pre-requisite: CSE 441 Software Engineering
The aim of this course is to give students the opportunity to enhance their knowledge and experience of the management of software projects by creating a project proposal, taking into account task durations, resource limitations and risks; by supervising the progress of a project involving a many participants and taking action to achieve project goals; by organising a project that quality of the final products meets the required standards and by identifying areas where project procedures can be improved and taking steps to introduce those improvements.

Graduation Project (CSE 498) (3-0- (6) Hrs Lab/Project Work)
Pre-requisite: CSE 497 Senior Year Design Project
This course is a continuation of the pre-requisite course CSE 411. The designed project will be implemented in prototype form and tested. It provide methods to demonstrate transferable skills and offer appropriate opportunity for the student to put into practice what they have learnt in earlier part of the program.

Computer Security (CSE 461) (3-2-2)
Pre-requisite: CSE 335 Operating Systems
The course covers the basic theory and most practical measures needed to protect computer systems. The course discusses cryptography, authentication, digital signature, program security, operating systems security and web security.

Network Programming (CSE 462) (3-2-2)
Pre-requisite: CSE 242 Data Structures and Algorithm Analysis
This course equips the students with the technology required to design and develop distributed applications. It covers socket programming, RMI, database connectivity, XML parsing and web services.

Artificial Intelligence (CSE 463) (3-2-2)
Pre-requisite: CSE 233 Object Oriented Programming

This course introduces the basic Artificial Intelligence (AI) and its associated techniques, which encompasses: knowledge representation, heuristic search, problem solving, and logic system inference. It also covers some widely used application techniques such as planning, machine learning, intelligent agent systems, language and speech processing.

Compiler Design and Implementation (CSE 444) (3-2-2)
Pre-requisite: CSE 334 Automata and Formal Languages

This course covers principles, techniques, algorithms, and structures involved in the design and construction of compilers. Topics include: lexical analysis and syntax analysis, syntax-directed translation, type checking, issues with the run-time environment, code generation and code optimization.

Software Testing (CSE 443) (3-2-2)
Pre-requisite: CSE 441 Software Engineering

This course provides a broad understanding of software testing and quality control/assurance concepts along with opportunities to apply such techniques via the actual testing of software systems in a laboratory environment. The following white box and black box testing techniques are emphasized: path and code coverage testing, desk checking, test case design and implementation, integration testing, regression testing, usability testing, test metric formulation and evaluation of the output of programmers and programming teams.

Embedded System Design (CSE 453) (3-2-2)
Pre-requisite: ENG 354 Microprocessor Programming and Interfacing

Embedded systems are generally part of complex systems. Embedded systems carry out the computational subtasks of the main system. Elements of computing systems within mobile phones, house appliances and automobiles are examples of such systems. This course introduces the student to the advanced principles of embedded system design and implementation using microcontrollers. This course covers the specifications of embedded systems, hardware and software design, real-time operating system, interfacing and development tools.

VLSI Design (CSE 454) (3-2-2)
Pre-requisite: CSE 452 Digital System Design

This course focuses on the design of complex digital systems, with an emphasis on hands-on chip design. We will cover both the bottom-up design approach, also known as full custom circuit design, and the top-down approach, also known as synthesis VLSI design.

Digital Signal Processing (CSE 455) (3-2-2)
Pre-requisite: ENG 343 Signals and Systems

This course covers discrete and fast Fourier transforms; Z-transform; sampling; Design of IIR and FIR digital filters.

Data Communication (CSE 456) (3-2-2)
Pre-requisite: ENG 343 Signals and Systems

This course has two parts; part I to cover: different coding schemes; modulation and demodulation; Part II to cover: fiber optics transmission; Wavelength Division Multiplexing (WDM); Lightwave Networks.

Web Application Development (CSE 445) (3-2-2)
Pre-requisite: CSE 242

This course will provide a fundamental understanding of the techniques and methods of developing a simple to reasonably complex web site. The students will be introduced to, using current standard web page language, to creating and maintaining a simple web site. The students will also be instructed on

using the aid of a web editor for creating web sites. Another web-based language will be included to further enhance the web sites.

12.1.2 Bachelor of Science in Electrical and Electronics Engineering (BSEEE)

General Chemistry (CHM 111)   **(3-2-2)**
Pre-requisite: NONE
The course covers the basic subjects of atomic theory, periodic table, electronic configuration and some simple chemical calculations concerning concentrations, in addition to molarity, PH and other related subjects. It also covers some simple practical examples of every day chemistry.

Calculus I (MAT 111)   **(3-3-0)**
Pre-requisite: NONE
Topics include: limit, continuity, Differential calculus of functions of one variable Derivatives of trigonometric, exponential, and logarithmic functions; chain rule; implicit differentiation. Maximum and minimum values. Increasing, decreasing and concave functions; inverse trigonometric functions; hyperbolic functions; some engineering applications. Integral calculus of functions of one variable: definite and indefinite integrals, application of integration, (area, volume, length of curves).

Engineering Physics I (PHY 111)   **(3-2-2)**
Pre-requisite: None
This course covers vectors, motion in one and two dimensions, Newton's laws and applications, work and energy, linear momentum, torque and simple harmonic motion.

Calculus II (MAT 112)   **(3-3-0)**
Pre-requisite: MAT 111 (Calculus I)
This course explores the following topics: Technique of integrations includes Integration by parts, integration using powers of trigonometric functions, integration using trigonometric substitution, integration by partial fractions, integration of improper integrals, basic numerical integration methods, Polar coordinates,   Functions of several variables and partial derivatives, Local maxima, minima and Saddle points. Double and triple integrals, infinite series, tests for convergence, power series expansion of functions. Taylor, Laurent and Fourier series.

Linear Algebra and Complex Variables (MAT 113)   **(3-3-0)**
Pre-requisite: MAT 111 (Calculus I)
System of linear equations, matrices, matrix operations, partitioned matrices, Echelon form of a matrix, Gauss elimination solution of a system of a linear equations, (iterative methods), determinant of a matrix, eigenvalues and eigenvectors, diagonalization and similar matrices. The complex number system, Cauchy-Riemann conditions, analytic functions and their properties, roots, exponential, Log, trigonometric and hyperbolic functions of a complex variable.

Introduction to Programming (ENG 131)   **(3 -2-2)**
Pre-requisite: NONE
This course introduces the introductory concepts of procedural programming. Topics include data types, control structures, functions, arrays, pointers, reading and writing of files, and the mechanics of running, testing, and debugging programs.

Engineering Physics II (PHY 112)   **(3-2-2)**
Pre-requisite: PHY 111
This course covers Coulomb's law, electric field, Gauss's law, electric potential, capacitors, resistors, Ohm's law, Kirchhoff's rules, RC circuit, magnetism, laws of reflection and refraction.

Engineering Thermodynamics (ENG 126)   **(2-2-0)**

Pre-requisite: PHY 111
This course covers the first and second laws of thermodynamics, thermodynamic properties of gases, vapor, energy systems analysis including power cycles, refrigeration cycles and air conditioning processes.

Workshop Skills (ENG 127) (1-0-3)
Pre-requisite: None
Industrial experience where students get exposed to fundamental shop floor skills that any skilled technician should acquire before getting hired. Training that covers basic skills on different electrical, electronic, and computer engineering fields like soldering techniques, electrical installation, familiarization of electronic components and devices, computer basics, etc. are imparted

Differential Equations (MAT 214) (3-3-0)
Pre-requisite: MAT 112 Calculus II
Topics include: First order Differential Equations , Homogeneous, Exact and linear . Second and higher order DE ,homogenous and non-homogeneous linear second-order DE. Basic numerical solutions (Euler & Rung Kutta methods), Applications of ordinary DE in engineering. Laplace transform: Inverse transform, Laplace transform of derivatives. Solution of ordinary DE by Laplace transform, Laplace transform of unit step function , General solution of linear system of differential equations with constant coefficients.

Circuit Analysis I (ENG 241) (3-2-2)
Pre-requisite: PHY 112
This course comprises of the following two parts:
Theoretical part: Application of fundamental concepts of electrical science in linear circuit analysis; mathematic models of electric components and circuits.
Practical part: Introduction to Circuit Simulators; electrical instruments; laboratory applications of electric laws; and circuit analysis techniques.

Digital Logic Design (ENG 251) (3-2-2)
Pre-requisite: SAT 103
This course is designed to give students an introduction to digital concepts, including analog and digital signals, number systems and codes, analysis and design of combinational and sequential circuits. It provides a foundation for subsequent study of microprocessor and computer architecture and design.

Electronics I (ENG 252) (3-2-2)
Pre-requisite: ENG 241
This course covers fundamental device characteristics including diodes, MOSFETs and bipolar transistors; large-signal characteristics and design of linear circuits

Engineering Graphics (ENG 232) (2-1-2)
Pre-requisite: SAT 103
This course provides the students with knowledge in descriptive Euclidean geometry, orthographic and perspective projections, engineering drawing techniques, and computer-aided engineering graphics. Point, line and plane relationships in projection, basic dimensioning and engineering applications which use graphical systems are also included in this course.

Introduction to MATLAB (MAT 216) (1-0-2)
Pre-requisite: MAT 113 Linear Algebra and Complex Variables
This course is designed to give students experience in working with MATLAB programming software. MATLAB is used to solve different scientific problems also the students will have experience in using Simulink, the simulation tool box within MATLAB.

Circuit Analysis II (ENG 242) (3-2-2)
Pre-requisite: ENG 241 Circuit Analyses I
This course comprises of the following two parts:
Theoretical part: Instantaneous Power, Average power and RMS values, Active and Reactive Power, Three Phase Circuits and Power Distribution systems. .
Practical part: Transient Analysis of RC & RL circuits. Resonance & Quality Factor of RLC Circuits. Circuit Analysis using Phasors.

Signals and Systems (ENG 343) (3-2-2)
Pre-requisite: MAT 214 and MAT 216
This course covers time-domain response and convolution; frequency-domain response using Fourier series, Fourier transform, discrete Fourier transform; sampling; relationships between time and frequency descriptions of discrete and continuous signals and systems.

Microprocessor Programming and Interfacing (ENG 354) (3-2-2)
Pre-requisite: ENG 251
This course covers the foundation of design and development of microprocessor/microcontroller-based system found in robots, automobiles, and industrial control systems. Students will be taught the basics of microprocessor/microcontroller organization and architecture and assembly programming language. The course will be based on a selected microprocessor/microcontroller

Electromechanical Energy Conversion (EEE 341) (3-2-2)
Pre-requisite: ENG 242
This course studies electromechanical interactions in lumped-parameter systems. These interactions describe the operation of electric machines, electromechanical actuators and transducers. The fundamental laws of Faraday, Ampere and Gauss are considered to develop physical models of magnetic circuits, including those which use permanent magnets. These models are then expanded to include equations of motion and the thermodynamics of electromechanical coupling. Applications include transformers, induction machines, synchronous machines, DC machines, and reluctance machines.

Electromagnetic Fields and Waves (EEE 344) (3-3-0)
Pre-requisite: ENG 242
This course covers Coulomb's Law, Gauss' Law, Biot-Savart Law, Ampere's Circuital Law and Maxwell's equations.

Mathematical Methods (MAT 318) (3-3-0)
Pre-requisite: MAT 214 Differential Equations
Topics include: power series solutions and special functions such as Gamma, beta, Green's, Bessel's and Legendre Polynomials, and their applications. Introduction to Partial Differential Equations. Boundary value problems, orthogonal functions, Sturm-Liouville problem, lines in space, Line integrals, Green's theorem, surface integrals, line integration in complex plane. Cauchy's integral theorem, Cauchy's integral formula. Derivatives of analytic functions, Taylor/Laurent's series.

Engineering Economics (ENG 323) (2-2-0)
Pre-requisite: None
The course is designed to cover economic principles and concepts including Demand, Supply, Equilibrium, Costs, Revenue and equilibrium of a firm, Market Structures. Capital Budgeting and other concepts relating to Marginal Social Costs and Benefits, Government Intervention and Externalities.

Measurements and Instrumentation (EEE 361) (3-2-2)
Pre-requisite: ENG 242+ENG 354
This course will provide students with a general exposure to electronic circuit laboratory equipment, measurement techniques, and basic laboratory safety. It allow students to acquire essential skills in the

use of instrumentation, in experimental procedures, and in laboratory safety for electrical and computer engineering applications.

This course cover a wide range of topics including: Measurement process; scales of measurement; configuration and functional description of measurement systems; performance characteristics; sensing elements and transducers for measurement of motion, force, pressure, flow, temperature, light, vacuum, etc.

Internship (EEE 396) (3)
Pre-requisites: Finished 80 credit hours and CGPA >= 2.0

This course provides students with an opportunity to apply in a typical workplace the design and analysis tools in concurrence with their engineering skills and knowledge, along with their learned knowledge and understanding of the design process, to identify, solve, and document the solution to a real development problem(s) that the companies where they are working permits them to tackle. Moreover, students will gain an important on-site working experience that will help them to develop their team working, planning and problem solving practice. The course duration will be a minimum of 8 working weeks.

Electronics II (EEE 353) (3-2-2)
Pre-requisite: ENG 252 & ENG 242

This course covers the fundamental characteristics and design methods of single stage, differential, multistage intergraded circuit amplifiers and operational amplifiers and their applications. It also covers the theory of feedback and oscillator circuits.

Automatic Control Engineering (EEE 362) (3-2-2)
Pre-requisite: ENG 343

This course will equip the students with a general knowledge in control systems. It will emphasize the vital role played by automatic control in various engineering fields. Provide the students with the ability to analyze and design simple control systems.

Engineering Management (EEE 324) (3-3-0)
Pre-requisite: ENG 323

The course objectives are to help students understand each area of management issues, exercise management skills, and learn how to integrate the management skills and the engineering skills in order to prepare themselves for career paths. Particularly, the students are lectured on how to compete in the globalization with ever-changing business and technology environment. This course studies the methods on project planning and controlling. The study covers project management definition and life cycle of a project, project organization structure and project management process

Probability Theory (MAT 317) (3-3-0)
Pre-requisite: SAT 102 Fundamentals of Statistics

Probability , definition and basic axioms, Conditional probability, Bays theorem, independent events, Sampling from population, Discrete Random variable(binomial , hypergeometric, Poisson) , Continues random variable (normal , standard , t-distribution, chi-square distribution, Central limit theory, Estimation by confidence intervals for μ, σ^2 and a proportion from normal distribution, Testing hypothesis, Regression analysis, Confidence interval for the correlation coefficient, Testing hypothesis for the correlation coefficient.

Senior Year Project Design (EEE 497) (3-0-6)
Pre-requisite: >= 100 Credits and ENG 127

This course covers a group study of electrical/electronic problems which leads to develop team and project planning skills in the context of the design of an electrical/electronic system which must meet a given specification. Special attention will be paid to issues of professional ethics, marketability, sustainability and the economic and environmental impacts of each design. Students, under the

supervision of a faculty member, will complete and present a project proposal. Technical communication skills, both written and oral, are engaged during this course.

Digital Systems (EEE 455) (3-2-2)
Pre-requisite: EEE 354
This course is designed to give students an introduction to the design and analysis of digital systems using Hardware Descriptive Language (HDL). The primary aim is to provide in depth understanding of logic and system design, synthesis, optimization for speed and power consumption. FPGA development system and Verilog HDL software will be used for simulation, synthesis and design of the homework assignments and design project.

Communication Systems (EEE 471) (3-2-2)
Pre-requisite: ENG 343
This course covers introduction to analog and digital modulation techniques, random processes, and power spectral density. Effects of noise on, and bandwidth requirements of different modulation schemes.

Social and Ethical Issues in Engineering (ENG 425) (2-2-0)
Pre-requisite: ENG 323
This course intends to engage students in current issues regarding professionalism, ethics, and engineering practices. Included are specific well-known, historical engineering ethics cases and professional practices of engineering, intellectual property issues, and new developments such as globalization, outsourcing.

Graduation Project (EEE498) (3-1-4)
Pre-requisite: EEE 497
This course is a continuation of the pre-requisite course EEE 497. The designed project will be implemented in prototype form and tested. It provide methods to demonstrate transferable skills and offer appropriate opportunity for the student to put into practice what they have learnt in earlier part of the program.

Digital Signal Processing (EEE 472) (3-2-2)
Pre-requisite: ENG 343 and ENG 242
This course covers discrete and fast Fourier transforms; Z-transform; sampling; Design of IIR and FIR digital filters.

Power Electronics (EEE 442) (3-2-2)
Pre-requisite: EEE 341+EEE 353
This course studies the principles, operation, and design of power electronics converter circuits. Overview different types of power semi-conductor devices and their switching characteristics. Study the operation, switching techniques and basic topologies of switching regulators. The course covers different modulation techniques of pulse width modulated inverters and the harmonic reduction methods.

Fuzzy Logic and Neural Networks (EEE 461) (3-3-0)
Pre-requisite: ENG 362 + MAT 216
This course covers the basic fundamentals of artificial neural networks and fuzzy logic and their applications in control and system modeling.

Electrical Power Engineering (EEE 443) (3-2-2)
Pre-requisite: EEE 341
This course covers power system structure; transmission line parameters; per unit system; characteristics and performance of transmission lines; overhead line insulators; underground cables; distribution.

Power System Analysis (EEE 444)   **(3-3-0)**
Pre-requisite: EEE 443
This course power system modeling, load flow analysis and discuss the fault studies. And also the synchronous machine model is introduced for transient studies. This course emphasizes the concepts of various types of stability in power system.

High Voltage Engineering (EEE 445)   **(3-3-0)**
Pre-requisite: EEE 443
This course covers high voltage-high power phenomena; design and measurements associated with Electrical transmission, Current interruption, Insulation, Transformation, Lightning, and Corona. DC and AC Transmission using Cables and Over Head Transmission lines (O.H.TL) Study the cables classification and their testing methods. The course covers some Extra High Voltage application.

Power Plant Technology (EEE 446)   **(3-3-0)**
Pre-requisite: EEE 341
This course provides an overview of the operation, performance and maintenance of power plants using conventional and non conventional energy sources. Component design, performance, plant operation, control, power plant efficiency are described. Energy storage and environmental aspects of Power generation are described.

Electrical Machine Drives (EEE 447)   **(3-2-2)**
Pre-requisite: EEE 443
This course studies the principles, operation, and design of Electrical drive systems. To offer the basic structures of controlled electrical drives realized with DC and AC machines, the investigation methods of the whole system and performances evaluation.

Renewable Energy Systems (EEE 448)   **(3-3-0)**
Pre-Requisite(s): EEE 341
This course provides an introduction to energy systems and renewable resources, with a methodical assessment of the energy field and an emphasis on alternate energy sources and their application. The course will explore future energy demands, study conventional energy sources and systems, including fossil fuels and nuclear energy, and then focus on renewable energy sources such as solar, biomass, wind power, geothermal, and hydro.

Computer Control (EEE 462)   **(3-2-2)**
Pre-requisite: EEE 362+ENG 354
This is an introductory course on the analysis and design of Linear Control Systems in which a digital computer is used as a control element. The material presented emphasizes the classical analysis and design control systems to achieve overall system stability and acceptable performance. The class of Linear Time Invariant (LTI) Single-input Single Output (SISO) systems is presented simultaneously with the more general treatment given in terms of state space and transfer matrix representations of Multi-input Multi-output (MIMO) systems.

Programmable Logic Controller (EEE 463)   **(3-2-2)**
Pre-requisite: EEE 362+ENG 354
In this course students will explore the theory and application of programmable logic controllers (PLCs) in industry. They will write programs incorporating internal relays, counters, timers, discreet and analog I/O devices. Students will develop extensive programs using the simulation software and ladders programming software and run these programs to verify both equipment and program operation.

Process Control (EEE 464)   **(3-2-2)**
Pre-requisite: EEE 362
Introduction to language, symbols and principles of process control instrumentation with emphasis on temperature, pressure, level and flow measurement, including calibration of transmitters, process feedback and feed forward loops. Discussion of hazardous area classifications. Introduction to

controllers, controller modes and tuning processes. Included are dead band adjustments, proportional (gain), integral (reset), and derivative (rate) calibration.

Virtual Instrumentation (EEE 465)   **(3-2-2)**
Pre-requisite: EEE 361+ENG 354
This course introduces the student to the fundamentals of virtual instrumentation as well as use of RS232, parallel port, IEEE GPIB, and data acquisition interfaces. The students will learn how to interface a personal computer to different measuring instruments and devices for data acquisition and instrument control using National Instrument's LabView software. This course is a combination of theory and lab experiments.

System Identification (EEE 466)   **(3-2-2)**
Pre-requisite: EEE 362+ENG 343
This course covers an introduction to the methods used for identifying system parameters and/or physical models from a set of measured input and output data. Identification is important stage in designing control systems. The tools to be covered in this course include nonparametric identification methods and parametric identification methods.

Adaptive Control (EEE 467)   **(3-2-2)**
Pre-requisite: EEE 362
The course will cover the theory and application of adaptive control of linear systems. Specifically, the course will cover: what adaptation is and when it is needed, real-time parameter estimation algorithms, direct and indirect adaptive methods, deterministic self-tuning regulators, Lyapunov stability theory, input-output stability, model-reference adaptive control, stability and convergence of adaptive algorithms, and robustness issues. Adaptive algorithms will be developed in both continuous time domain and discrete time domain. Gain scheduling, implementation aspects of adaptive control, and applications to the control of a linear motor driven high-speed/high-accuracy positioning system will be discussed.

Digital Communication Systems (EEE 473)   **(3-2-2)**
Pre-requisite: EEE 471
This course covers digital data communication systems, introductory information theory, and different coding system techniques.

Electronic Communication Systems Design (EEE 474)   **(3-2-2)**
Pre-requisite: EEE 471
This course covers analysis and design problems of electronic communications circuits. Complete design of RF and microwave oscillator, amplifier, and mixer circuits. Analysis and design of wideband nonlinear power amplifiers, S-parameter techniques for RF active circuit design, computer aided design techniques, RF integrated circuits, fundamentals.
Each group of students will have to propose, design, analyze, and simulate an industrially relevant component such as a coupled line filter, mixer, amplifier, oscillator, or simulation tool while presenting intermediate and final results to the rest of the class.

Data Communication (EEE 475)   **(3-2-2)**
Pre-requisite: EEE 471
This course has two parts; part I to cover: different coding schemes; modulation and demodulation; Part II to cover: fiber optics transmission; Wavelength Division Multiplexing (WDM); Light-wave Networks.

Communication Networks (EEE 476)   **(3-2-2)**
Pre-requisite: EEE 475

This course will start with the basic concepts of Communication Networks and will go through more advance Network design and Mobile Networks Architectures. Among other topics it covers different Networks Protocols (TCP/IP, MAC, CS, and PS) as well as different Mobile Networks (GSM, EDGE, 3G, and 4G). The course will cover some aspects of the Mobile Network Security and the difference between GSM and 3G Network security.

Field Theory and Transmission Lines (EEE 477)   (3-2-2)
Pre-requisite: EEE 344

This course studies transmission lines and antennas. Transmission line topics include the wave equation, transmission line properties for sinusoidal and pulse propagation, reflection, matching, and lossy lines. Antenna topics include Maxwell's equations, magnetic vector potential, general field solutions, dipole antennas, propagation, and antenna arrays. MATLAB simulations and design exercise for various problems.

Microwave Engineering (EEE 478)   (3-2-2)
Pre-requisite: EEE 477

Introduction and history of microwave engineering, review of Maxwell's equations, plane wave and its solution, Microwave transmission lines and waveguides (rectangular, circular and coaxial lines), Reflection and transmission coefficients, Smith Chart, Impedance matching and tuning, Microwave network analysis, Power dividers and directional couplers, strip lines, microstrips and coplanar lines, microwave cavities.

12.3.2 Bachelor of Science in Computer Information Systems (BSCIS)

Accounting and Financial Management (BAF 301)   (3-3-0)
Pre-requisite: NONE

Financial accounting supports different users of accounting information by providing financial reports to evaluate performance and recognize the financial position of service and merchandising organizations. It is a principle of accounting course that covers the basic concepts of accounting, the recording process, accounting cycle, worksheet, merchandising operations, inventories, and preparation and analysis of the basic financial statements and reports.

Advanced Database Systems (CSC 410)   (3-2-2)
Pre-requisite: CSC 322

This course introduces further SQL & PL/SQL, Object-oriented data models and OO database systems, distributed database systems and the need for web database connectivity. Students will also learn how to connect remote databases to dynamic web pages.

Advanced Java Programming (CSC 321)   (3-2-2)
Pre-requisite: CSE 233

This course assumes that students are already familiar with basic Java object-oriented programming techniques (such as polymorphism) and thus focuses on teaching programming techniques which are essential for designing and developing real-world applications; accordingly, the following topics are explored in depth: graphical user interface (GUI) design and implementation, event handling for GUI/keyboard/mouse events multimedia programming, reading and writing persistent data, creating standalone executable files for desktop and web-based applications. Additionally, emphasis is placed on the students' acquiring a portfolio of applications as proof of their competence as java developers.

Artificial Intelligence (CSE 463)   (3-2-2)
Pre-requisite: CSE 233

This course introduces the basic Artificial Intelligence (AI) and its associated techniques, which encompasses: knowledge representation, heuristic search, problem solving, and logic system inference. It also covers some widely used application techniques such as planning, machine learning, intelligent agent systems, language and speech processing.

Computer Graphics (CSC 305) (3-2-2)
Pre-requisite: CSE 233
This course provides the students with knowledge in descriptive Euclidean geometry, orthographic and perspective projections, engineering drawing techniques, and computer-aided engineering graphics. Point, line and plane relationships in projection, basic dimensioning and engineering applications which use graphical systems are also included in this course.

Computer Networks (CSE 351) (3-2-2)
Pre-requisite: CSC 252
This course introduces the basic principles and concepts of data communications and computer networks. The layered architecture is introduced, as the services provided by each layer, the principles of the protocols that are responsible for providing those services, etc. are discussed. Emphasis is placed on general principles of protocol messaging, network multiple access control, error control, flow and congestion controls, routing, and etc. Important protocols used in local area networks and TCP/IP Internet are explained.

Computer Organization (CSC 252) (3-2-2)
Pre-requisite: NONE
This course presents an introduction to computer architecture and hardware, covering wide range of topics dealing computer internals. The topics included are: computer arithmetic, processors, memory and IO devices. The design of simple circuits found in modern computers is discussed.

Computer Security (CSE 461) (3-2-2)
Pre-requisite: CSC 335
The course covers the basic theory and most practical measures needed to protect computer systems. The course discusses cryptography, authentication, digital signature, program security, operating systems security and web security.

Data Structures and Algorithm Analysis (CSC 210) (3-2-2)
Pre-requisite: CSE 233 and MAT 215
This course provides insight into algorithms analysis and the use of data structures. Topics include basics of Algorithm analysis, linear structures (lists, stacks and queues), nonlinear structures (trees and graphs), and elementary sorting and searching methods (bubble sort, quick sort, sequential search and binary search Algorithms.

Data Warehousing and Mining (CEC 413) (3-2-2)
Pre-requisite: SAT 102 and CSC 322
The course explains the meaning of data mining and data warehousing and shows their concepts and functionalities. It covers the following topics: Data mining definition and Data preprocessing techniques. Data Warehouse and OLAP Technology. Mining Frequent Patterns, Associations, and Correlations. Classification and Prediction, and Cluster Analysis. The course presents some data mining applications.

Database Systems (CSC 322) (3-2-2)
Pre-requisite: ENG 131
This course introduces the principles and concepts of Database Management System (DBMS). The topics to be covered are: data models, DBMS architecture, Relational and Entity relationship models, Queries in relational algebra and Structured Query Language (SQL), integrity constraints, functional dependency, database design, using normalization.

Decision Support Systems (CEC 350) (3-3-0)
Pre-requisite: CIS 307

This course introduces basic principles of Decision Support Systems (DSS) in various areas especially in the business environment including organizational responses and computerized support. CEC 350 provides an overview of the roles of DSS. Conceptual framework for a process of supporting managerial decision- making, usually by modeling problems and employing quantitative models for solution analysis is discussed thought this course.

Discrete Mathematics (MAT 215)   **(3-3-0)**
Pre-requisite: NONE
This course covers fundamental concepts and tools in discrete mathematics. Fundamental principles: sets, relations, functions, mathematical logic and proofing techniques and techniques of counting - permutations, combinations and recurrences are emphasized. Introduction to graphs and trees are also discussed.

E-Business Models (CEC 409)   **(3-3-0)**
Pre-requisite: CIS 403
This course provides an understanding of the business concepts and strategic opportunities surround the emergence of E-Business and E-Commerce. The focus of this course is to explore business opportunities available as a result of this environment and what it will take to have these opportunities develop into thriving businesses. These topics are studied through a combination of lectures, self-learning, case studies, individual and group project work.

E-Commerce Technologies (CIS 403)   **(3-2-2)**
Pre-requisite: CIS 309
This course introduces the technologies of Electronic Commerce and Electronic Business. Communication and Networking used in e-Commerce , Internet, Electronic Commerce, Data interchanging, Online cataloging, Electronic Payment, Databases, Multimedia useful in e-marketing , and Search Engines.

Enterprise Architecture (CIS 321)   **(3-3-0)**
Pre-requisite: BMT 201
Covers foundational aspects of both enterprise and architectural thinking, including the software to technology to solution architecture continuum, role of EA in business and IT alignment, architectural styles and techniques for capturing and documenting architectures. Techniques for analyzing and reasoning about architectures are practiced in assignments in class.

Enterprise Resource Planning (CBC 383)   **(3-3-0)**
Pre-requisite: BMT 201 and CIS 203
Enterprise Resource Planning (ERP) supports the use of all resources in an organization. In this course, students will learn the rationale for having ERP, ERP functionality such as manufacturing, finance, distribution and human resource management, ERP and information technology, the concepts of ERP systems and ERP implementation (planning, product selection, implementation and optimization

Ethical Issues in Information Systems (CIS 206)   **(3-3-0)**
Pre-requisite: CIS 203
This course introduces many social and ethical perspectives using information technology. Subjects include are: milestones in computing and networking, four different ethical theories, privacy in the web, security vs. privacy and civil liberties, copyright on the net, email and spam, morality of breaking law, Internet addiction, protecting intellectual property, identity theft, computer reliability, professional ethics, case studies.

Fundamentals of Information Systems (CIS 203)   **(3-2-2)**
Pre-requisite: NONE

This course provides an overview of computers and information processing which covers the fundamentals of information systems, hardware operation, networking, system development methodology, security, and ethical issues in Information Systems.

Graduation Project (CIS 414) **(3 credits)**
Pre-Requisite: CIN 301 and 96 credits
The course involves a significant project in any area of Computer Science. The Project Work will be undertaken in a group of 2-3 students.

Internship (CIN 301) **(3 credits)**
Pre-requisites: Minimum 75 credit hours and CGPA >= 2.0
Internship course is an integral part of the Computer Information Systems (CIS) program. This course is designed to provide an opportunity for CIS students to gain a supervised practical experience in computer information system environment of an approved department, firm or agency in UAE. The students will gain a valuable on-site working experience that is similar to that of a new entrant to the field of Information Technology (IT). It further allows the students to develop communication, team work and problem solving skills which would ultimately benefit them in entering a competitive job market in their respective field.

Introduction to Programming (ENG 131) **(3-2-2)**
Pre-requisite: NONE
This course introduces the introductory concepts of procedural programming. Topics include data types, control structures, functions, arrays, pointers, reading and writing of files, and the mechanics of running, testing, and debugging programs.

Management Information Systems (CIS 307) **(3-3-0)**
Pre-requisite : CIS 203
The course introduces students to the basic concepts of Management Information Systems (MIS). Topics cover the Information Systems in the Digital Age, Information Technology Infrastructure, Key System Applications for the Digital Age and Building and Managing Systems.

Managing and Maintaining Computer Systems (CSC 211) **(3-2-2)**
Pre-requisite: NONE
This course covers the use of the hardware components and the diagnostic software, the installation of software drivers and the installation of hardware and software. This course includes methods of logic analysis, software and devices used in the identification of faulty components, mechanical problems and other operational failures with single computers and local area networks (LAN) systems.

Managing Human Resources (BHR 301) **(3-3-0)**
Pre-requisite: BMT 201
This course outlines a wide range of concepts, theories, and approaches of HRM and attempts to link them to both local and global contexts. This module not covers only the most current research and trends in HRM, but it offers also comprehensive and integrative case-wise practices that will enhance the students' analytical skills. HRM will also extend the student's knowledge beyond the basic HR functions to the area of managing human resources in business organizations.

Mobile Application Development (CEC 416) **(3-2-2)**
Pre-requisites: CSE 351 and CSE 233
This course provides focuses on providing students with hands-on experience in developing applications for mobile devices using the Android range of operating systems. Particular emphasis is placed on developing graphical user interfaces (GUIs) which can adapt to different mobile screen formats. Additionally, substantial coverage is given to certain commercial aspects of mobile app development, i.e. techniques for disseminating apps via mass market forums.

Object Oriented Programming (CSE 233)   **(3-2-2)**
Pre-requisite: ENG 131
This course introduces the students to Object Oriented Programming via the use of java language. The following topics are explored: data types (both primitive and reference), classes and their relation to objects, methods (including constructors), encapsulation, overloading, inheritance, polymorphism, exception handling, interfaces, application documentation using javadoc, and basic GUI implementation using the Java Swing classes.

Object Oriented System Analysis and Design (CIS 302)   **(3-2-2)**
Pre-requisites: CIS 205
This course provides various aspects of object oriented information system development including analysis and design using Unified Modeling Language (UML). Course covers methods, techniques, fact finder tools to determine system requirements. Use cases, activities diagrams, class diagrams, sequence diagrams, communication between classes influencing the inheritance, polymorphism.

Principles of Management (BMT 201)   **(3-3-0)**
Pre-requisite: NONE
This course provides basic understanding of principles of management. It also provides an overview of the roles, functions, and responsibilities of management. While offering an up-to-date and reflective perspective, the course goes steadily through the evolution of management thinking and explores a wide range of concepts, theories, and approaches to management. The module further attempts to develop a systematic understanding of the fundamental aspects of managerial decision making processes.

Principles of Marketing (BMR 301)   **(3-3-0)**
Pre-requisite: BMT 201
The course focuses on formulating and implementing marketing management and its policies, a task undertaken in most companies at the strategic business unit level. The marketing management process is important at all levels of the organization, regardless of the title applied to the activity. Typically, it is called corporate marketing, strategic marketing, or marketing management. For our purposes they all involve essentially the same process, even though the actors and activities may differ. The course will provide a systematic framework for understanding marketing management and strategy.

Principles of Operating Systems (CSC 335)   **(3-2-2)**
Pre-requisites: CSC 252 and CSC 210
This course demonstrates the history of the operating systems and provides knowledge of operating systems concepts. The course introduces the principles of processes including inter-process communication, process scheduling, deadlocks, the principles of input / output that includes I/O hardware and software, memory and files systems management that includes swapping, paging, virtual memory, and page replacement algorithms. The students will experience lab work in groups and will be introduced to the modern concepts of the operating systems using Unix/Linux and Windows.

Project Management (CSE 471)   **(3-2-2)**
Pre-requisite: CSE 441
The course introduces basic principles of project management and covers the topics of successful management of a major computer-based information systems development project. This includes the management of IS function, and systems integration. The course involves a capstone project through teamwork.

Software Engineering (CSE 441)   **(3-3-0)**
Pre-requisite: CSE 233
This course is concerned with the study and approaches for the development of large programming projects, including requirements analysis, specification, design, coding and testing, maintenance, and

thorough documentation. This course will prepare students for working in teams to build quality software.

Software Testing (CSE 443) (3-2-2)
Pre-requisite: CSE 441
This course provides a broad understanding of software testing and quality control/assurance concepts along with opportunities to apply such techniques via the actual testing of software systems in a laboratory environment. The following white box and black box testing techniques are emphasized: path and code coverage testing, desk checking, test case design and implementation, integration testing, regression testing, usability testing, test metric formulation and evaluation of the output of programmers and programming teams.

Supply Chain Management (CBC 410) (3-2-2)
Pre-requisite: BMT 201 and CIS 403
Topics include: overview of a supply chain, scope of SCM, overview of process landscape as seen by SAP, description of selected functionalities, case studies. The course will also explore the approaches and tools for designing and redesigning products and processes for supply chain management as well as current industry initiatives for IT in supply chain management.

System Analysis and Design (CIS 205) (3-3-0)
Pre-requisite: CIS 203
This course addresses the multi-phased process for developing information systems. The course covers information systems analysis and logical systems design in organizations. Topics include application development strategies, life cycle phases, gathering techniques, requirements determination, and analysis of an existing system.

Web Application Development (CIS 309) (3-2-2)
Pre-requisites: CSE 233
This course explores various internet technologies which are specifically employed in the design and implementation of multimedia web sites. In terms of its practical aspect, the course's lab sessions will provide students with hands-on experience in the development of high-quality web-based applications using graphics applications along with a variety of client-side scripting technologies such as JavaScript and CSS. Apart from the aforementioned client-side engineering tools, the syllabus also covers server-side technologies including the WAMP software suite (i.e. the Apache, MySQL and PHP applications for the Windows platform.

12.3.3 Bachelor of Science in Mechanical Engineering (BSME)

General Chemistry (CHM 111) (3-2-2)
Pre-requisite: NONE
The course is designed to be taken by all students to fulfil the requirement. It covers the basic subjects of atomic theory and bonding, periodic table, electronic configuration, and some simple chemical calculations concerning concentrations, in addition to molarity, pH and other related subjects. The course shall answer to the required knowledge about conductivity and conductors along with the necessary theoretical background. The course will also cover the simple facts about clean energy and the on-going demand for the nuclear energy and its applications. Some simple practical example of everyday chemistry will also be covered. The lab work in this course is designed to provide the students with very simple laboratory techniques.

Engineering Physics I (PHY 111) (3-2-2)
Pre-requisite: None
This course covers vectors, motion in one and two dimensions, Newton's laws and applications, work and energy, linear momentum, torque and simple harmonic motion.

Engineering Physics II (PHY 112)   **(3-2-2)**
Pre-requisite: PHY 111
This course covers Coulomb's law, electric field, Gauss's law, electric potential, capacitors, resistors, Ohm's law, Kirchhoff's rules, RC circuit, magnetism, laws of reflection and refraction.

Calculus I (MAT 111)   **(3-3-0)**
Pre-requisite: NONE
Topics include: limit, continuity, Differential calculus of functions of one variable Derivatives of trigonometric, exponential, and logarithmic functions; chain rule; implicit differentiation. Maximum and minimum values. Increasing, decreasing and concave functions; inverse trigonometric functions; hyperbolic functions; some engineering applications. Integral calculus of functions of one variable: definite and indefinite integrals, application of integration, (area, volume, length of curves).

Calculus II (MAT 112)   **(3-3-0)**
Pre-requisite: MAT 111
This course explores the following topics: Technique of integrations includes Integration by parts, integration using powers of trigonometric functions, integration using trigonometric substitution, integration by partial fractions, integration of improper integrals, basic numerical integration methods, Polar coordinates,   Functions of several variables and partial derivatives, Local maxima, minima and Saddle points. Double and triple integrals, infinite series, tests for convergence, power series expansion of functions. Taylor, Laurent and Fourier series.

Linear Algebra and Complex Variables (MAT 113)   **(3-3-0)**
Pre-requisite: MAT 111
This course includes: - System of linear equations, matrices, matrix operations, partitioned matrices, Echelon form of a matrix, Gauss elimination solution of a system of a linear equations, (iterative methods), determinant of a matrix, eigenvalues and eigenvectors, diagonalization and similar matrices, The complex number system, Cauchy-Riemann conditions, analytic functions and their properties, roots, exponential, Log, trigonometric and hyperbolic functions of a complex variable.

Differential Equations (MAT 214)   **(3-3-0)**
Pre-requisite: MAT 112
This Course covers the following topics:- First order differential equations, Homogeneous, Exact and linear DE, Second and higher order DE, Homogeneous and non- homogeneous linear second order DE, Basic numerical solutions(Euler and Runge Kutta methods), Application of ordinary DE in engineering. Laplace transform, Inverse transform, Laplace transform of derivatives, Solution of ordinary DE by Laplace transform, Laplace transform of unit step function, General solution of linear system of differential equation with constant coefficients.

Introduction to MATLAB (MAT 216)   **(1-0-2)**
Pre-requisite: MAT 113
This course is designed to give students experience in working with MATLAB programming software. MATLAB is used to solve different scientific problems also the students will have experience in using Simulink, the simulation tool box within MATLAB.

Probability Theory (MAT 317)   **(3-3-0)**
Pre-requisite: SAT 102
Probability , definition and basic axioms, Conditional probability, Bays theorem, independent events, Sampling from population, Discrete Random variable(binomial , hypergeometric, Poisson), Continues random variable (normal , standard , t-distribution, chi-square distribution, Central limit theory, Estimation by confidence intervals for μ, σ^2 and a proportion from normal distribution, Testing hypothesis, Regression analysis, Confidence interval for the correlation coefficient, Testing hypothesis for the correlation coefficient.

Mathematical Methods (MAT 318)   **(3-3-0)**
Pre-requisite: MAT 214
Topics include: Power series solutions and special functions such as Gamma, beta, Green's, Bessel's and Legendre Polynomials, and their applications. Introduction to Partial Differential Equations. Boundary value problems, orthogonal functions, Sturm-Liouville problem, lines in space, Line integrals, Green's theorem, surface integrals, line integration in complex plane. Cauchy's integral theorem, Cauchy's integral formula. Derivatives of analytic functions, Taylor/Laurent's series.

Numerical Methods in Engineering (MEC 340)   **(3-2-2)**
Pre-requisite: MAT 216
Topics include: Mathematical modeling, programming and software, truncation and round-off errors. Roots of non-linear algebraic equations, direct and iterative methods for systems of linear algebraic equations, regression and interpolation, numerical differentiation and integration, numerical solutions of ordinary and partial differential equations. Applications of numerical methods in solving engineering problems.

Engineering Drawing and Workshop Laboratory (MEC 210L)   **(2-0-4)**
Pre-requisite: NONE
Topics include: Orthographic projections, auxiliary views, section views, dimensioning, fits and tolerances, basic detailed and assembly drawings, and computer-aided drafting using computer-aided design software. Basic hand tools, woodwork, measuring instruments and safety in the workshop.

Statics (MEC 220)   **(3-3-0)**
Pre-requisite: PHY 111
Topics include: General principles of mechanics, vectors and force systems. Equilibrium of particles and rigid bodies in two and three dimensions. Analysis of structures; simple trusses, frames and machines. Internal forces, shear and moment equations and diagrams. Frictional forces and rolling resistance. Center of gravity and centroid of a body, area and mass moments of inertia.

Dynamics (MEC 222)   **(3-3-0)**
Pre-requisite: MEC 220 and MAT 214
Topics include: Kinematics and kinetics of a particle, rectilinear and curvilinear motion, force and acceleration, Newton's second law, principle of impulse and momentum, dynamics of systems of particles. Kinematics and kinetics of planar rigid body motion, translation, rotation about a fixed axis, moment of inertia, principle of work and energy, conservation of energy.

Materials Science (MEC 230)   **(3-3-0)**
Pre-requisite: CHM 111
Topics include: Classification of materials, relationships between structure and properties of materials. Atomic structure and interatomic bonding. Crystalline structures, crystal defects and imperfections, diffusion. Phase diagrams, phase transformations and microstructure development. Properties of engineering materials.

Mechanics of Materials (MEC 232)   **(3-3-0)**
Pre-requisite: MEC 220
Topics include: stress, strain, mechanical properties of materials, ductile and brittle materials, Hooke's law, Poisson's ratio, failure due to creep and fatigue. Axial load, torsion, bending, transverse shear, combined loadings. Stress transformation. Deflection of beams and shafts, buckling of columns.

Thermodynamics (MEC 240)   **(3-3-0)**
Pre-requisite: PHY 111
Topics include: Thermodynamics and energy, processes and cycles, temperature and the zeroth law of thermodynamics. Energy transfer, the first law of thermodynamics, properties of pure substances.

Energy analysis of closed systems, mass and energy analysis of open systems. The second law of thermodynamics, entropy and exergy. Basics of gas power cycles and vapor power cycles.

Fluid Mechanics (MEC 242) (3-3-0)
Pre-requisite: MEC 220 and MAT 112

Topics include: Properties of fluids, pressure and fluid statics, kinematics of fluid motion; conservation of mass, Bernoulli and energy equations. Momentum analysis of flow systems, dimensional analysis and modeling. Internal flow in pipes, velocity and flow rate measurements. External flow over bodies, drag and lift.

Engineering Measurements (MEC 310) (3-2-2)
Pre-requisite: MEC 240, MEC 242 and ELE 220

Topics include: Basic concepts of engineering measurements, static and dynamic characteristics of signals, types of errors, uncertainty analysis, sampling, signal conditioning and data acquisition. Selection and use of temperature, pressure, stress, strain, force, torque and power instrumentation. Laboratory experiments with emphasis on mechanics of materials, dynamics and thermo-fluids.

Mechanical Vibrations (MEC 312) (3-3-0)
Pre-requisite: MEC 340 and MEC 222

Topics include: Vibrations in single and multiple degree-of-freedom systems, time and frequency response, free, transient and harmonic forcing. Modal analysis and frequency response functions, vibration analysis of continuous structures and finite element method. Vibration measurements and testing, vibration signal analysis, vibration isolation techniques, vibration measurements of active structures, including vibrating machines and rotating machinery.

Mechanical Design I (MEC 320) (3-3-0)
Pre-requisite: MEC 232, MEC 230, and MEC 210L

Topics include: Properties of ductile and brittle materials, load and stress analysis, deflection and stiffness, failures resulting from static loading, fatigue failure resulting from variable loading. Design of mechanical elements including shafts and shaft components, screws, fasteners, nonpermanent and permanent join.

Mechanical Design II (MEC 322) (3-3-0)
Pre-requisite: MEC 320

Topics include: Design of mechanical elements including springs, rolling-contact and journal bearings, spur and helical gears, bevel and worm gears, flexible mechanical elements, clutches, brakes and couplings. Power transmission case study including gear specification, shaft layout, force analysis, shaft material selection and design, bearing selection.

Manufacturing Processes (MEC 330) (3-3-0)
Pre-requisite: MEC 232, MEC 230, and MEC 210L

Topics include: Introduction to manufacturing, metal casting processes and equipment, powder metallurgy, fundamentals of metal forming, theory of metal cutting, machining operations and machine tools, welding processes. Economics of metal cutting, statistical quality control and basics of non-metals manufacturing.

Materials Science and Manufacturing Laboratory (MEC 332L) (2-0-4)
Pre-requisite: NONE

Topics include: Experiments in material testing including tensile, compression, torsion, fatigue and hardness tests. Experiments in manufacturing processes including casting, metal forming, machining and welding. Measurement of surface roughness, tool wear and cutting forces.

Heat Transfer (MEC 342) (3-3-0)
Pre-requisite: MEC 242 and MEC 240

Topics include: Mechanisms of heat transfer, heat conduction equation, steady and transient heat conduction, numerical methods in heat conduction, external and internal forced convection, natural convection, heat exchangers, fundamentals of thermal radiation, radiation heat transfer.

Thermo-fluids Laboratory (MEC 344L) (2-0-4)
Pre-requisite: MEC 242 and MEC 240

Topics include: experiments in fluid mechanics, heat transfer and thermodynamics. Pressure and viscosity measurements, flow rate and velocity measurements, friction and minor losses in pipes, wind tunnel testing, performance of pumps, fans, blowers and compressors. Thermal conductivity of solids and fluids, heat transfer from extended surfaces, free and forced convection, boiling and condensation, heat transfer by radiation, heat exchangers.

Energy Systems (MEC 346) (3-3-0)
Pre-requisite: MEC 342

Topics include: Gas power cycles, vapor and combined power cycles. Thermodynamics of non-reacting and reacting mixtures, combustion fundamentals and chemical reactions. Combined power plants, cogeneration plants, power plant economics, power plant planning and control, environmental impact of power plants, alternative energy systems.

System Dynamics and Control (MEC 410) (3-2-2)
Pre-requisite: MEC 312 and MEC 310

Topics include: Modeling of dynamic systems, linear and nonlinear systems, linearization, Laplace transforms, closed-loop systems, time response, time domain specifications, controller design, steady state tracking, stability, root locus, frequency response.

Refrigeration and Air Conditioning (MEC 440) (3-3-0)
Pre-requisite: MEC 346

Topics include: Classification of air conditioning systems, the psychrometric chart, human thermal comfort, indoor air quality, heating and cooling load estimation, energy calculations and building simulation, air distribution systems and duct design, vapor compression refrigeration cycles, refrigeration equipment and systems.

Advanced Fluid Mechanics (MEC 441) (3-3-0)
Pre-requisite: MEC 344L and MEC 340

Topics include: Differential analysis of fluid flow, Navier-Stokes equations, analytical solutions for simple flows. Fundamentals of compressible flow, isentropic flow through nozzles, shock waves, Fanno flow, Rayleigh flow. Introduction to computational fluid dynamics.

Turbomachinery (MEC 442) (3-3-0)
Pre-requisite: MEC 342

Topics include: Basic principles of turbomachines, dimensional analysis and similitude, axial-flow turbines, radial-flow turbines, hydraulics turbines. Centrifugal and axial-flow compressors, reaction ratio, stage loading, stage efficiency, surge and choking limits. Centrifugal and axial flow pumps, system matching, performance characteristics and cavitation, net positive suction head.

Design Project (MEC 490) (3-1-4)
Pre-requisite: MEC 342 and MEC 322

Topics include: Design, manufacturing and testing of a mechanical engineering system or component using relevant professional standards. Concept generation techniques and design for manufacturability, reliability and sustainability. Alternative design evaluation and selection techniques, economic and environmental impact of design decisions, and engineering ethics.

Electric Circuits and Devices (ELE 220) (3-2-2)
Pre-requisite: PHY 112
Topics include: Electrical quantities and variables; circuit principles; signal processing circuits, DC and AC circuit analysis, diodes, transistors and operational amplifiers, and digital device.

Internship (MEC 396) (3 credits)
Pre-requisite: The student should be a full time student of good academic standing and should have completed a minimum of 80 credit hours to become eligible for the internship.

Internship course is an integral part of the Mechanical Engineering (BSME) program. This course is designed to provide an opportunity for BSME students to gain a supervised practical experience in Mechanical Engineering related environment of an approved department, firm or agency in UAE. The students will gain a valuable on-site working experience that is similar to that of a new entrant to the field of Mechanical Engineering. It further allows the students to develop communication, team work and problem solving skills which would ultimately benefit them in entering a competitive job market in their respective field.

Introduction to Robotics (MEC 420) (3-3-0)
Pre-requisite: MEC 410
Topics include: Introduction to robotic systems, rigid motions and homogenous transformations, direct and inverse kinematics. Manipulator dynamics, force control and compliance. Robot sensors and control strategies.

Vehicle Dynamics (MEC 422) (3-3-0)
Pre-requisite: NONE
Topics include: Mechanics of pneumatic tires, mechanics of vehicle-terrain interaction, performance of road vehicles, performance of off-road vehicles, handling characteristics of road vehicles, steering of tracked vehicles, and introduction to air-cushion vehicles.

Advanced Mechanics of Materials (MEC 432) (3-3-0)
Pre-requisite: MEC 320
Topics include: Strain and stress-strain relations, two-dimensional problems in elasticity, failure criteria, bending of beams, torsion of prismatic bars, numerical methods, axisymmetrically loaded members, beams on elastic foundations, energy methods, elastic stability, plastic behavior of materials, plates and shells.

Composite Materials (MEC 434) (3-3-0)
Pre-requisite: MEC 340 and MEC 230
Topics include: Introduction to composite materials, macro-mechanical analysis of a lamina, micro-mechanical analysis of a lamina, macro-mechanical analysis of laminates. Failure, design and analysis of laminates. Bending of symmetric and non-symmetric beams.

Applied Finite Element Analysis (MEC 436) (3-3-0)
Pre-requisite: MEC 320
Topics include: Fundamentals of the finite element method, one-dimensional elements, two- and three-dimensional elements, applications in solid mechanics, heat transfer and fluid mechanics. Use of commercial software to solve various mechanical engineering problems.

Micro-electromechanical Systems (MEC 438) (3-3-0)
Pre-requisite: MEC 320, MEC 312, and MEC 310
Topics include: Introduction to MEMS, microfabrication, electrostatic sensing and actuation, thermal sensing and actuation, piezoresistive sensors, piezoelectric sensing and actuation, magnetic actuation, micromachining, micro-fluidics applications.

Internal Combustion Engines (MEC 444)   (3-3-0)
Pre-requisite: MEC 346
Topics include: Engine design and operating parameters, engine cycles, thermo-chemistry and fuels, spark ignition engines, compression ignition engines, exhaust system, engine emissions and air pollution, emission control, lubrication and cooling systems, engine operating characteristics.

Renewable Energy Systems (MEC 446)   (3-3-0)
Pre-requisite: MEC 346
Topics include: Energy supply and demand, energy conversion and storage, impact on environment and potential solutions. Analysis of renewable energy systems, solar (thermal and photovoltaic), hydropower, wind, geothermal, biomass, ocean, wave and tidal energies. Applications of renewable energy systems.

Piping Systems (MEC 448)   (3-3-0)
Pre-requisite: MEC 342 and MEC 320
Topics include: Pipe sizing and selection, analysis of pipe networks, transient pipe flow, pumps performance, cavitation and net positive suction head. Introduction to pipeline economics and natural gas transmission.

Computational Fluid Dynamics (MEC 450)   (3-3-0)
Pre-requisite: NONE
Topics include: Applications of computational fluid dynamics, governing equations, boundary conditions, grid generation, discretization techniques, finite difference method, finite volume method, pressure-velocity coupling, numerical stability and convergence, turbulence modeling.

Fuel Cells (MEC 452)   (3-3-0)
Pre-requisite: MEC 346
Topics include: Introduction to fuel cells, efficiency and open circuit voltage, operational fuel cell voltages, proton exchange membrane fuel cells, alkaline electrolyte fuel cells, direct methanol fuel cells, medium and high temperature fuel cells, analysis of fuel cell systems.

Energy Conservation and Management (MEC 454)   (3-3-0)
Pre-requisite: MEC 346
Topics include: Introduction to energy management, the energy audit process, energy bills, lighting, heating, ventilation and air conditioning, energy systems maintenance, process energy management, renewable energy sources, distributed generation, green buildings, greenhouse gas emissions management.

12.3.4 Bachelor of Arts in Interior Design (BAID)

Architectural Drafting (IDF 201)   (3-1-4)
Pre-requisite: None
The course introduces necessary tools essential to communicate ideas through the special visual language of manual drafting drawing. Students will get familiar with drafting tools; learn orthogonal terminology, then practice orthographic & praline drawing apply indicators and perform projection, through a diversity of exercises from simple shapes to architecture settings. Students will practice the process of drawing complex interior design and furnishing layout staring from dimensioned sketches to produce a full package of interior plan, sections, reflecting ceiling plan and interior isometric.

Freehand Drawing (IDF 202)   (3-1-4)
Pre-requisite: None
The course introduces basic tools essential to communicate ideas through the special visual language of freehand drawing and measured perspective by learning the principles of perspective drawing using one

and two vanishing points. Students will learn how to draw the grade of the gray tones representing different colors in grayscale. Students will practice the integration of light, shadow and texture throughout their drawings. The continuous practice emphasizing quick drawing/sketching techniques base for students to develop rapid sketching techniques that will free them to think visually, develop ideas with more confidence, and solve problems quickly.

CAD I (IDF 203)   (3-1-4)
Pre-requisite: None
This course is designed to introduce the basic concepts, commands and techniques needed to develop the skill of making 2D drawings. Producing orthogonal drawings such as, plans, sections, elevations, etc. The techniques of printing one or many drawings on one sheet accompanied with their different scales will also be covered in this course. Students will learn drafting isometrics and represent them in various view ports. This will be followed by basic 3D modeling, formation, adding, subtracting, and unifying of masses and objects.

Colors in Interiors (IDF 204)   (3-2-2)
Pre-requisite: None
This course introduces the color terminologies, theories and systems. Focus is placed on color vision, visual forces of light, differences between light and pigment colors and the influence of materials texture on color. Color psychological and human perception of color will be discussed. Emphasis is placed on studying a broad range of color scheme and its implementation in various interior design environments. Student will learn the process of transition color to finishing materials and fabrics within interior design context.

CAD II (IDF 205)   (3-1-4)
Pre-requisite: (IDF 203)
This course introduces basics of 3D visualization. Students practice hands-on application of modeling techniques of interior components and environment then apply different building materials with their specific color and texture. Lights and shades used adding cameras and changing their locations to create realistic visual images and choose the best visual perspective. Finally time-based media components are introduced.

Visual Presentation and Portfolio (IDF 207)   (3-1-4)
Pre-requisite: (IDF 202)
This course introduces a series of workshops to develop skills in several rendering techniques along with different media materials. Traditional and digital professional presentation will be analyzed and applied in the course. Special attention is given to the creation of professional portfolio. Students will practice interior design projects presentation.

CAD III (IDF 208)   (3-1-4)
Pre-requisite: (IDF 203)
This course is designed to further develop CAD competencies, students are introduced to the concepts of Building Information Modeling (BIM) and the tools for design and documentation. Students learn to create building elements, structural systems, and MEP systems, and construction cost estimating and scheduling details based on design requirements. The objective of the course is to enable students to create full project models and set them up in working drawings. The focus is on design development tools-building the 3D model with walls, windows, doors, floors, roofs, stairs, creating reflected ceiling plans and furniture plans.

Textiles in Interiors (IDF 209)   (3-3-0)
Pre-requisite: None

This course introduces students to the fundamentals of fabrics through the basic vocabulary and grammar of interior fabrics. Students will learn the fundamentals of fabrication, sourcing, and selection of interior furnishing fabrics and to clarify the vocabulary of cloth as it is used by professional designers. The course further traces fabric through history during the various stages, touching on the distinctive characteristics of the most widely used textiles and describing the many attributes and processes that give a fabric its finished appearance, including application for upholstery, drapery, wall, floor and window covering. The designers' role with regard to sustainability and responsible selection of textiles is considered throughout.

Introduction to Interior Design (IDS 301) (3-1-4)
Pre-requisite: (IDF 201)
This course introduces knowledge of interior design vocabulary, basic elements used in the creation of interior spaces and a brief introduction about major materials, lighting, acoustics, design management, basic design research, colors, special techniques like conceptual sketching and analysis and their implementations in interior design, students also get familiar with the design thinking and design process phases. Finally, students will practice designing simple interior project.

Interior Design Studio I (Residential) (IDS 302) (3-1-4)
Pre-requisite: (IDS 301)
This course introduces the principles to initiate interior design projects utilizing solid foundation based on human needs focusing on function. Design programming will be conducted to cover prospected residents' requirements. More emphasis is focused on the design process starting from students' research and case studies, generating concepts and ideas, schematic design, while understanding spatial relationships, materials properties, and movements in space. The course focuses on design development where problem solution and development of drawings takes place. Detailed customized interior spaces are explored with selection/specification of building textiles, materials and finishes; selection of furnishings as well as color schemes. The students will practice visual presentation and render techniques.

Materials in Interior Design (IDS 303) (3-2-2)
Pre-requisite: (IDS 301)
The course introduces an overview and a brief study on building materials and is mainly focused on in-depth analysis of the internal finishing materials, their characteristics and the craft associated with their utilization. The course covers implementation of different materials used in the creation of different interior spaces, also dealing with the human interaction between material and finishes. Students research and discuss design influence, different applications, creative techniques and the integration of materials and finishes with the building system. Furthermore, the students also deal with sustainable characteristics, life-cycle costing, and life-cycle analysis for interior materials, smart materials and finishes' detailing.

Interior Design Studio II (Retail) (IDS 304) (3-1-4)
Pre-requisite: (IDS 302)
This course introduces interior design project focusing on conceptual design. Design programming will be conducted to cover retail activity, and trend survey will be implemented. More emphasis is placed on a human centered approach to design, steering students towards the thoughtful making of places and objects that are derived from purpose and meaning. Create design scheme analyzing requirement from furniture needs, surfaces treatment, finishing materials and color scheme, the main focus is placed on construction documentation, building system, and design codes implementation. Finally, students will produce functional solutions presented appropriately and supported by construction drawings.

Building System and Regulations (IDS 305) (3-1-4)
Pre-requisite: (IDS 303)

This course introduces the basic systems of building construction, conveyor systems. The course will discuss HVAC, mechanical, plumbing & electrical systems, safety systems, and communication systems. Different codes and regulations referring to different functions of buildings will be discussed. Students undertake case study of built-up projects to study and analyze the systems incorporated and the related codes. Students will practice the building construction and MEP systems in association with the concurrent studio project.

Lighting and Acoustics (IDS 306) (3-1-4)
Pre-requisite: (IDS 305)
Recognizing the pivotal role of lighting in the interior design process is empirical to following the pedagogy of this course. A series of lectures and technical studies introduces students to the fundamentals of natural and artificial lighting, light measurements, light calculation and lighting fixtures is undertaken. Students learn how to analyze and utilize solar light in design. Students undertake a design projects in which they use natural light in addition to energy efficient artificial lighting. On the other hand, this course introduces the basic concepts and principles of acoustics. It further progresses to describe the physical, physiological, and psychological principles of auditory perception and the concept of acoustic comfort and highlights the characteristics of spaces designed for effective listening, working, learning, and other functions. Students will practice the lighting and acoustics solutions in association with the concurrent studio project.

Sustainable Design (IDS 307) (3-1-4)
Pre-requisite: (IDS 301)
In this course, students develop an awareness of the ethical responsibilities of interior designers in creating human environments. Theories of effective management of resources and the specification of sustainable and renewable products are explored with the goal of facilitating the health, safety and wellness of humans occupying man-made environments. Students demonstrate competency in research and documentation of data pertinent to sustainable design and conclude that. Sustainable designs are achieved through sensitive designs, including good contextual studies of the surroundings, factors like site location, weather and local culture and other interrelated factors like ecological sustainability, built environment, economic sustainability and social responsibility are continuously addressed. The course reinforces the possibility of building today and keeping resources for future generations.

Interior Design Studio III (Business) (IDS 308) (3-1-4)
Pre-requisite: (IDS 304)
This course includes extensive programming and construction documents. A design scheme will be conducted to cover concept development and contextual issues applied on offices space planning. The course focuses on RCPs, lighting calculation and acoustics solution. Special attention is given to practice all design process phases starting with design programming, schematic design, design development, and design documents. Finally, students shall deliver professional design drawings and a full set of working drawing reflecting the interior constructions.

Interior Design Construction (IDS 309) (3-1-4)
Pre-requisite: (IDS 303)
This course introduces the design documents phase with special emphasis on interior constructions concept, methods and detailed drawings. Student will practice construction systems built with various materials for different surface treatments (floor, wall, ceiling, doors, and windows). The course discusses furniture construction systems. The student shall produce precise and accurate detailed drawing for interior construction in association with the concurrent studio project.

History & Theory of Design I (IDS 310) (3-2-2)
Pre-requisite: None

The course familiarizes the students from the ancient Egyptian civilization through classical style reaching the Renaissance by hallmarking a set of determinants that shaped the cultures aesthetics and design history. Emphasis is placed on different historical visual vocabulary elements.

Professional Practice (IDS 311) (3-3-0)
Pre-requisite: (IDS 308)
The course introduces practical and legal aspects of design practices including, professional liability, and ethics. The course will address career options in interior design and professional working skills. General project management will be discussed including specifications, general business practices, contract variations, estimation sheet, and general budget control. The course will explorer the construction of business plan in interior design profession. Students develop skills in resume writing, interview techniques. and portfolio development.

Interior Design Studio IV (Hospitality) (IDS 312) (3-1-4)
Pre-requisite: (IDS 307, IDS 308)
This course focuses on the experiential forces of historical orders. Design programming as well as scheme will be conducted to assist in developing appropriate solution for hospitality interior design. Students shall select and analysis a historical order and inspire appropriate design theme that reflect the order identity. The course emphasized on achieving a sustainable design solution considering occupants healthy and welfare. Adding to the energy of the studio, as students also incorporate universal design codes into their projects. Finally, students shall deliver design solution showing the design concept and reflecting the digestion of historical theme inspiration process.

Furniture Design (IDS 314) (3-1-4)
Pre-requisite: (IDS 309)
This course introduces brief of furniture design history and furniture fabrication process. The course is focusing on furniture conceptual design. The course will discuss furniture ergonomic. Student will practice furniture design inspiration process. Student will learn the furniture construction and finishing materials. The course involves development of a complex prototype design. Emphasis is placed on furniture construction, working drawing and production documents. Student shall produce a complete design presentation including drawings and documents for furniture prototype.

Islamic and Local Heritage Interiors (IDS 315) (3-1-4)
Pre-requisite: (IDS 314)
This course discusses Islamic design principals and elements through study and analysis the evolvement of Islamic design during different eras. Emphasis is placed studying the characteristics of various Islamic styles. The course introduces the concept and the application of geometric design and Arabic calligraphy within the context of interior design. Discussion and analysis of material and furniture in Islamic design will took place. The course also introduces the heritage local interior features in light of local culture. Students will build their visual vocabulary for different Islamic and local heritage elements. Students shall create contemporary designs inspired from selected Islamic and local design heritage.

History & Theory of Design II (IDS 411) (3-2-2)
Pre-requisite: (IDS 310)
This course introduces a survey of the changes of design attitudes from the Baroque to the beginning of the 21st century. The relation between the Industrial Revolution and design trends will be discussed on the ground of Modernism, Postmodernism, and recent trends in design. Students exercise by analyzing case studies of some masterpieces in architecture and interior design.

Interior Design Studio V (Selected Design) (IDS 412) (3-0-6)
Pre-requisite: (IDS 312)
This studio course gives flexibility to adopt special, uncommon design and new trends. Students consider design solutions based on overall knowledge gained so far while exploring innovative concepts.

Students will explore the contemporary design concepts and trends. Students will also learn dealing with an existing project to identify and rectify its problems. In second project, students will produce several design concepts for one project and practice to develop a final solution based on analysis of critique sessions. Finally, students shall deliver project documents that reflects in a professional presentation to a jury committee.

Interior Design Graduation Project I (Design Programming) (IDS 413)   **(3-1-4)**
Pre-requisite: (IDS 312)
This course introduces research methods supporting graduation project design programming; the student will develop a research problem proposal through the course supervisor (after the topic approval from the Department), research structure, case studies, and surveys. Design programming will be discussed and implemented in the research project which will be considered as the foundation study for student's final project – IDS 414. At the end of the semester, students should present their project to a jury of professional designers and academics.

Thesis: Interior Design Graduation Project II (IDS 414)   **(6-0-12)**
Pre-requisite: (IDS 412, IDS 413)
Based on the hypothetical research done in course IDS 413- Interior Design Graduation Project I (Design Programming) a self-selected large-scale project. The design implements principles of design, shows proficiency in all aspects and the capability of achieving a complete interior design solution. Finally students shall produce full project documents and a comprehensive professional presentation to a jury committee.

Internship (IDS 318)   **(3-0-0)**
Pre-requisite: (IDS 311, IDS 312)
This course is designed to offer ID program students an opportunity to receive a supervised practical work experience where the students shall be able to apply class room knowledge and skills in an industrial and professional setting on a topic that is related to the field of Interior Design program. This course also allows the students to develop and practice communication skills, team working, planning, and problem solving skills that will be beneficial for their future career as it will equip them for entering into the competitive job market. The internship must last a minimum of 200 contact hours.

3D Design (IDE 330)   **(3-0-6)**
Pre-requisite: (IDF 205, IDS 301)
The course encourages students to design directly in 3D. Students learn the manipulation of volumes to create interior design elements by transforming, adding, or subtracting 3D objects towards creating a specific part of interior space or a piece of furniture. The course involves conceptualization, development, and construction of forms that function both aesthetically and structurally. Students undertake an experimental project and produce it in an innovative context then finally present it to a jury committee.

Kitchen and Bathroom Design (IDE 331)   **(3-1-4)**
Pre-requisite: (IDS 305)
The course introduces the functional design for residential and commercial kitchen and bathroom. Students explore the codes and regulations implemented while designing these spaces. Students learn the importance of detailing in designing a project of relatively small space while it needs a high level of attention to details. The course explores the fixtures and accessories used. Students will explorer kitchen and bathroom design construction and sustainable solutions. Moreover, the course introduces mechanical, electrical, and plumbing (MEP) services associated with the design of a bath or a kitchen. Students shall produce project documents reflected in professional presentation.

Exhibition Design (IDE 332)   **(3-2-2)**
Pre-requisite: (IDS 312)

The course introduces the indoor exhibition design of a commercial stand or booth. Students explore the relation between exhibitor identity and selected design theme. Student study the exhibition design practices and mechanism considering the economic aspect of this temporally design. The course explores the design flexibility required to cover various functions, re-construct the design in different spaces, storage ability, and maintenance. Students shall produce project documents reflected in professional presentation.

Surface Design (IDE 333) (3-2-2)
Pre-requisite: (IDS 301)
During the tenure of this course students will learn about the styles and techniques used in creating surface designs by exploring case studies and product categories. Students will combine artistic ability, technical skills, and creative thinking, while learning how to take the surface pattern design from conception to product. For inspiration, students will be immersed in the designs and creative traditions of countries and cultures throughout history, as well as their own personal vision. Students will be designing a new areas for specific functions. The design includes the pattern, texture, color, etc. Students will apply visualization of selected designs within an interior space.

Design Management (IDE 334) (3-3-0)
Pre-requisite: Approval of Academic Advisor
This course combines planning and management practices with the professional and technical knowledge, integrates the principles of business administration, and design project management. The course also introduces marketing principles, supply and demand, and brief about economics principals.

Photography (IDE 335) (3-1-4)
Pre-requisite: None
This course introduces basics of the effect of viewpoint, perspective, contrast, color, light, harmony, texture and pattern on photography. Students will experience choosing the proper elements accompanied with deciding the background, the foreground, and positioning of the subject. Digital Dark room will be introduced.

12.3.5 Bachelor of Architecture (BARCH)

Architecture Design Studio 1 (ARC 101) (5-1-8)
Pre-requisite(s): None
This first studio course introduces students to the fundamentals of architectural design through the basic vocabulary and grammar of architecture, the productive use of design precedents and the basic range of influences on each of a series of studio exercises and design projects. Students are encouraged to communicate their ideas graphically and verbally in parallel media formats. Students will learn the fundamentals of mechanical drafting, model-making and research techniques, and will be introduced to elementary electronic drafting and rendering software to help develop and integrate their visual communication and design skills.

Architecture Design Studio 2 (ARC 102) (5-1-8)
Pre-requisite(s): ARC 101
In this second studio course emphasis is given to learning and applying the basic principles behind the architectural design process and the language of design. Design projects and class assignments, in the context of individual and group work, help develop skills in understanding the importance of research, problem analysis, and conceptual design, followed by design development and resolution techniques. Students are encouraged to progress their drafting and freehand drawing skills by developing ability in presentation and rendering techniques including sketch models and through the use of digital software.

Architecture Design Studio 3 (ARC 201) (6-1-10)
Pre-requisite(s): ARC 102 Co-requisite: ARC 221

Students study and research a traditional small-scale village community, from the context of residential design evolution and the human factor. In this way traditional design and construction techniques are identified with a socio-cultural expression of architecture through the medium of conservation. Students apply their analytical knowledge to the preparation of architectural design proposals which acknowledge the principles of the past while emphasizing relevance to contemporary and future societies.Students are encouraged to progress their drafting and freehand drawing skills by developing ability in presentation and rendering techniques including sketch models and through the use of digital software.

Architecture Design Studio 4 (ARC 202) (6-1-10)
Pre-requisite(s): ARC 201
The architectural design process with an emphasis on strategic thinking and decision making provides the essential framework to the course. Short studio exercises help students develop their understanding of human and constructional components behind a valid architectural design. A single integrated design project is evaluated against the requirements of technology through the media of structural, mechanical and electrical, constructional and building envelope systems.

Architecture Design Studio 5 (ARC 301) (6-1-10)
Pre-requisite(s): ARC 202
Architecture in the urban context forms the critical backdrop to this studio while the framework to the course emphasizes the architectural design process, particularly issues of strategic thinking and the consequences of a design that acknowledges technology and its impact at the architectural and urban scales. Short studio exercises help students develop their understanding of human and constructional components behind a valid architectural design. An integrated design project is developed and evaluated against the requirements of technology through the media of structural, mechanical and electrical, constructional and building envelope systems.

Architecture Design Studio 6 (ARC 302) (6-1-10)
Pre-requisite(s): ARC 301
This third year course examines architecture as an integral aspect of environmental design thinking. Accordingly understanding how a building acts as a climate modifier, and how active and passive design techniques along with the various engineering and ancillary building systems impact upon a successful architectural environment - are key components to progress in this course. Through technical design studies, students develop their knowledge of various environmentally sustainable design criteria by producing an integrated design project characterized by an appropriate external envelope and a balanced system of energy derived features.

Architecture Design Studio 7 (ARC 401) (6-1-10)
Pre-requisite(s): ARC 302
This fourth year course is concerned with creating successful urban space, students are introduced to the principles of urban planning and landscape architecture. A major urban study in the UAE or overseas provides students with the opportunity to practice research and analytical skills before developing urban plans which interpret and visualize historical, cultural, societal, regional and neighborhood requirements. Students learn to interpret restrictions and opportunities behind statutory controls over urban development. This precedes a sustained process intended to create imaginative and valid proposals in two and three dimensional formats with the purpose of successfully consolidating architecture with urban infrastructure and public spaces.

Architecture Design Studio 8 (ARC 402) (6-1-10)
Pre-requisite(s): ARC 401
Students are required to prepare a major design project at the civic scale which embraces a building no longer 'fit for purpose', that requires a creative and practical refurbishment characterized by a judicious assessment of fabric, spaces, engineering systems, and spatial quality. Such an approach must imaginatively interpret and integrate the possibilities of a client program with the technical requirements and realities of an appropriate architectural design. In this way subjects such as retro-fitting, change of

use, and adapting the systems of structure, construction and MEP engineering are each consolidated and recorded through the schematic design, design development and contract documents phases of the project.

Architecture Design Studio 9 (ARC 501)   **(6-2-8)**
Pre-requisite(s): ARC 402
This final year studio course focuses on two aspects of studio culture: design and research, and critical enquiry through research. The former is concerned with developing a feasibility study leading to the schematic design and design development stages of an architectural design project while the latter is associated with the notion of how critical positions can be established as frameworks of inquiry and the process of formulating such a position made through supporting arguments. As a consequence, students are required to direct their critical position toward an identified research challenge or problem. In this way research and critical enquiry lead to the conceptualizing of a thesis subject or proposition.

Architecture Thesis   (ARC 502)   **(6-0-12)**
Pre-requisite(s): ARC 501
This express intention behind this final year Architecture Thesis studio course is to further develop and bring to fruition two aspects of studio culture: design and research, and critical enquiry through research. The prime mechanism that characterizes this studio is to allow students autonomy in expressing their own interests through creating their own projects. Consequently students define their thesis, develop their theoretical base, set their targets of accomplishment, manage the stages of their thesis and conclude their work with an exhibition which may be defined by the use of varied media ranging from drawings and models to video, sound and music, interviews and digital projections.

Building Information Modeling (ARC 208)   **(3-3-0)**
Pre-requisite(s): ARC 101
Building Information Modeling or BIM is at the heart of this course. It can be understood as virtual building or intelligent building simulation and it incorporates an integrated multi-dimensional database. The course introduces the student to this new and evolving technology and, in particular, to the tools required for developing expertise.

The associated systems as noted in the software literature facilitate a variety of techniques and drawing types: building views, quantity take offs, calculations, collision detection, structural analysis, energy efficiency analysis and construction scheduling. In fact these can be understood as by-products which are automatically derived from BIM.

Because it integrates architecture with interior design, engineering and construction systems, in fact the entire lifecycle operations of a building, BIM promises greater efficiency in terms of project time, reliability and cost.

History and Theory of Architecture I (ARC 111)   **(3-3-0)**
Pre-requisite(s): None
This course provides an inclusive global perspective on the history and theory of architecture with an emphasis on the architecture and culture of the Islamic world. It introduces students to the factors that contributed to the emergence of architecture as a symbol of civilization. Technology, the environment and sociology are recognized as components that helped drive solutions to architectural problems in the ancient world through to the mediaeval period. Accordingly a series of lectures forms the core to narrating the emergence and development of architectural form and urbanism as responses to human needs, aspirations and desires. Through systematic study of key examples of architecture, students learn to develop a language of design complemented by a recognition and knowledge of architectural types and styles, regional and international variations and historical phases.

History and Theory of Architecture 2 (ARC 212)   **(3-3-0)**
Pre-requisite(s): ARC 111

The course revisits China and Japan and examines other world cultures including Pre-Hispanic America and the Indian sub-continent. Islamic architecture is examined from the perspective of a 'golden age' with specific references to Ummayud Spain, Safavid Persia and Ottoman Turkey. The late mediaeval period in Europe makes way for a new phase in the evolution of western civilization which includes an expanding urbanism. The roots of the Renaissance are traced through the progress of classical architecture, soon to be recognized as a liberal art, in the company of expanding economies, the rise of humanism and the disciplines of scientific enquiry. Students study the developing role of the architect as a professional artist while the 'new architecture' progresses through the mannerist and baroque phases first in Italy, then over the alps, through Europe and beyond. A series of lectures forms the core to narrating the emergence and development of Renaissance architecture and urbanism as responses to human needs, aspirations and desires. Through systematic study of key examples of architecture, students learn to further develop a language of design complemented by a recognition and knowledge of architectural types, regional variations and historical phases. By the end of the eighteenth century, the Palladian and neo-classical movements make way for the cult of the Picturesque as a new century readies to embrace unprecedented expansion in industry, commerce and trade in addition to the emergence of the engineer as a key design professional.

Building Materials and Methods of Construction (ARC 221) (3-3-0)
Pre-requisite(s): ARC 102
Recognizing the pivotal role of technology in the architectural design process is empirical to following the pedagogy of this course. A series of lectures and technical studies introduces students to the fundamentals of wet and dry construction systems where the correct selection and specification of building materials and products, whether components or assemblies, helps determine the success of the construction phase and the performance of the completed building.

History and Theory of Architecture 3 (ARC 213) (3-3-0)
Pre-requisite(s): ARC 212
The architecture and engineering of the industrial revolution provides a foundation of study which embraces the roots of modernism through its geographical and chronological evolution and progress. Students study eclecticism and art nouveau before appraising a modern architecture movement that establishes itself within Europe, on to North America and elsewhere, before evolving through a variety of 'isms' in the late twentieth century and into a new millennium. The continually evolving role finds expression in the new architecture and urbanism of the Middle East where traditional and late twentieth century patterns of settlement and architectural types are daily confronted by new orders in architecture and planning where smart cities and sustainable architecture command attention from developers and government clients. Similarly in the Far East rapidly growing economies dictate urban expansion programs while cost effective sustainable design challenges the validity of preceding tenets of architecture. A series of lectures backed up by systematic studies dealing with exemplars of modern architecture facilitate students' evolving understanding of the language and progress of architectural design.

The Professional Practice of Architecture 1: Design and Construction Process with Building Economics (ARC 322) (3-3-0)
Pre-requisite(s): ARC 221
A plan of work forms the organizational framework of how a design project moves from inception through the architectural stages leading to operations on site until completion and occupancy. A series of lectures and class exercises introduces students to the basic techniques of design, procurement, site operations planning and construction management. Project cost estimating and planning through the design stages followed by scheduling and cost controlling techniques through the bidding and construction phase emphasize fiscal control of projects at each key work stage.

Structural Analysis (ARC 331) (3-3-0)
Pre-requisite(s): ARC 201 – PHY 111

Understanding structures through examining the role of structural design in the architecture design process is a fundamental requirement of aspiring members of the architectural profession. A series of lectures and exercises introduces students to various concepts including geometric design and mathematics, structural materials, variations in stress, loading and load paths, and internal and external forces.

Theories of Architecture (ARC 314) (3-3-0)
Pre-requisite(s): ARC 213
A series of lectures focuses on various architectural design theories and methodologies developed by acknowledged masters, past and contemporary. Students are introduced to architectural case studies which illustrate the results of strong theoretical control of the design and construction processes. Through research, evaluation and appraisal techniques, students are encouraged to analyse and critique works of architecture with a view to devising their own ideas in order to propose variations or alternatives to established methodologies and theories whether derived from Western, Indian, Chinese or Islamic sources.

Environmental Systems (ARC 341) (3-3-0)
Pre-requisite(s): ARC 102
Understanding the relationship between the external and internal environments and examining the role of the building as a climate modifier, complemented by its engineering systems, in its geographical context provide the foci to this course. A series of lectures and class exercises draws attention to a range of interrelated topics that impact on the efficiency of a building's external envelope and the quality of interior environments. Subjects include passive solar heating and cooling, natural ventilation and lighting, energy transfer and power consumption, acoustics, indoor air quality, building services, HVAC and associated engineering systems, architectural lighting systems, materials selection, structural and constructional components and assemblies. Students study the statutory framework of regulatory controls that impacts on health and safety in addition to sustainability in design and physical performance of the building.

Structural Design I (ARC 332) (3-3-0)
Pre-requisite(s): ARC 331
Understanding how to make strategic decisions affecting structural, hence architectural, design is at the heart of this course. A series of lectures and exercises not only emphasizes the conceptual and mathematical aspects of design, but also draws attention to the practicalities of the correct selection of appropriate materials – timber, steel, masonry and concrete – when considering loading and bending systems, structural elements and durability of performance.

Sustainability and Energy Conservation (ARC 442) (3-3-0)
Pre-requisite(s): ARC 302, ARC 341
This course develops knowledge of the principles of environmental design established in ARC 341 by critically considering the interior, architectural, urban and regional scales of operation. Accordingly a series of lectures examines the topic of sustainability and, in particular, sustainable design ranging from a global context down to the selection of appropriate materials and products at the interior scale. The impact of architectural decision making on the built and natural environments is considered when measured against the options of active and passive design systems and the subjects of energy consumption and conservation. Case studies draw attention to students of the consequences of strategic thinking and detail consideration of design elements on an architectural project characterized by a responsible approach to sustainability and energy conservation techniques.

The Professional Practice of Architecture 2 (ARC 451) (3-3-0)
Pre-requisite(s): ARC 322
Students are introduced to business practices and procedures within the framework of the expectations of a professional body and defined ethical standards of performance. A series of lectures sets out the

various business models of practicing architecture in the UAE and elsewhere, the roles of business owners and employees, and in particular, the responsibilities of project architects in managing and administering architectural projects both within the perspective of their private or public organization and when interfacing with fellow consultants, contractors, clients and the general public. In addition to a written formal examination at the end of the course, students are interviewed and assessed by professional architectural practitioners in a jury format where a professional portfolio is considered a constituent component of the process.

Life Safety and Codes (ARC 561) (3-3-0)
Pre-requisite(s): ARC 402
National building and planning standards are regulated by laws typically published through statutory documentation. These codified regulations or codes can be applied at local, national and international levels and at the heart of these is the concept of life safety. Consequently all building design professionals, whether engineers, interior designers or architects, must take responsibility for the safety standards of their professional services, critically through design, advice and ancillary documentation. Through a series of lectures and class exercises students learn how codes have been devised to mitigate against the occurrence and effects of fire and smoke, poisonous gases, excessive temperatures and spread of flames. These safety codes based on building classifications and types determine the criteria used to promote fire protection principally through correct design and construction methods and, critically, through appropriate building evacuation systems.

Internship: Architecture (ARC 571) (3-3-0)
Pre-requisite(s) / requirements: The student should have completed two specialization courses (ARC 451 – The Professional Practice of Architecture 2, as well as a minimum of 128 credit hours and they should submit CV and comprehensive work portfolio (Academic, competitions and professional work if it is available) to become eligible for the internship.

Senior students as interns are contracted to a professional office where, under the supervision of a registered architect, they are required to develop their work and theoretical skills within the context of 'real time experience'. Typically students will produce documentation as a record of their professional office and site experiences. This in turn will be evaluated by the 'in situ' and University supervisors against set qualitative and quantitative criteria.

Structural Design 2 (ARC 433) (3-3-0)
Pre-requisite(s): ARC 332
The codes affecting the design standards of masonry, reinforced concrete and steel structures form the core studies to this course. Advanced studies of timber, masonry, steel, and concrete structures and design are supplemented by ancillary studies in temporary structures, demolition of structures and shell design. In this way a series of lectures and exercises not only acknowledges the conceptual and mathematical aspects of design, but also draws attention to the practicalities of the correct selection of appropriate construction and materials technology to meet the requirements of the codes.

Environmental Psychology (ARC 443) (3-3-0)
Pre-requisite(s): ARC 302
This lecture based course emphasizes learning through research, discussion and design appraisal exercises and introduces students to concepts of semiotics and behavioral studies. The relationship between social and cultural values with the perception of the interior and exterior built environments is explored in identifying how these factors impact on architectural design.

Special Topic in Architecture (ARC 480) (3-3-0)
Pre-requisite(s): Approval of Academic Advisor
In consultation with the Program Coordinator, the actual course offered is typically associated with one member of faculty who has developed a particular interest and knowledge of the subject area. As a consequence, the course is offered at an advanced level which develops aspects of architectural design

and theory. Research followed by critical analysis of the material is expected of the student and the materials created may be directed at assignments focusing on developing design and presentation techniques on the one hand, or toward a concise dissertation as an alternative.

Course Description, Specific

The course concentrates on the unique legacy of three outstanding architects of the twentieth century: Frank Lloyd Wright, Geoffrey Bawa and Glen Murcatt, in particular their approach to residential design and their response to the challenges of the climate/environmental context. Partly lecture based, the course emphasizes learning through research, discussion and design appraisal exercises. In this way, students develop an enhanced knowledge of architectural design through the 'eyes' of three masters and in the context of three very different physical and cultural environments.

Landscape Design (ARC 481)   **(3-3-0)**
Pre-requisite(s): ARC 302
The course content is primarily centered on landscape theory, the profession of landscape architecture and the practical applications of the discipline. Professional services, design guidelines, landscape drawings and documentation, the uses of water, site construction, plant materials selection and installation, land-forming techniques, site structures, pathways and edges, architecture and urban design all provide complementary strands to the narrative of this course. The course is also concerned with the relationship between landscape architecture, architecture, urban planning and design and will assist students in developing their understanding and approach to the urban and rural environments.

Sustainable Urban Design (ARC 482)   **(3-3-0)**
Pre-requisite(s): ARC 401
The course content is primarily centered on sustainable urban design theory and develops the principles of urban planning and landscape architecture introduced in ARC 401.

Sustainable development and post-modern urban design are discussed in the context of defining quality, and qualitative environmental design at the urban scale addresses the 'rediscovery' of the compact city and its merits. Green building legislation and how it impacts at the urban scale is analyzed and evaluated against the backdrop of political frameworks and transport and land use policies. Consequently a series of lectures provides focus to a number of interrelated subjects that contribute to an understanding of sustainable urban design, while discussion papers and class assignments involve students in topical issues that ask tough questions, and demand thoughtful and appropriate responses, as the urban and rural environments around the planet experience accelerated duress.

Interior Design: Theory and Practice (ARC 483)   **(3-3-0)**
Pre-requisite(s): ARC 302
Interior Design profession and which help articulate the professional services expected of the practitioner. Business practices and procedures within the framework of the expectations of a professional body and defined ethical standards of performance are examined. A series of lectures sets out the various business models of practicing interior design in the UAE and elsewhere. The roles of business owners and employees, and in particular, the responsibilities of project designers in managing and administering interior design projects within the perspective of private or public organizations are examined. Similarly roles and responsibilities when interfacing with fellow consultants, contractors, clients and the general public are considered within the context of business practice and the law.

Design Management (ARC 581)   **(3-3-0)**
Pre-requisite(s): ARC 451
Design management can be defined as a business discipline that incorporates various techniques including design, project management, strategic thinking, and supply chain controls, in order to establish, grow and maintain a business structure which is organized around design. From the strategic to the operational levels, design management comprehensively controls the business side of design under the following categories: business decisions, strategies and processes, enabling creativity to produce design services, products, environments and brands, while reinforcing the company mission

and vision. A series of lectures outlines these features of design management while acknowledging overlapping aspects with related disciplines such as operations, marketing and strategic managements. The roles of business owners and employees, and in particular, the responsibilities of project designers in managing and administering design projects within the perspective of private or public organizations are examined. Similarly roles and responsibilities when interfacing with fellow consultants, contractors, clients and the general public are considered within the context of business practice and the law.

Conservation and Restoration Management (ARC 583)   **(3-3-0)**
Pre-requisite(s): ARC 451

This course introduces the field of heritage conservation from the perspective of building restoration and management. While it is noted that conservation is a multi-disciplinary and extensive area of architectural practice that has evolved as an acknowledged specialism within the profession in the past fifty years or so, the role of heritage management is a more recent phenomenon that interfaces with political, social, legal, cultural and technical factors. Through a series of lectures and discussion papers, the course initially examines the basics of restoration through the application of materials, construction systems and building types of the past, then examines the role of the conservator or manager in the conservation process, before reviewing the 'heritage industry' through the activities of government agencies, building owners, tourism and heritage bodies, and the various professional designers, skilled artisans and construction specialists.

12.3.6 Bachelor of Education

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الساعات المعتمدة : (3)   اســم المســـاق : علم نفس النمو (EDU 201)
المتطلبات السابقة : لا يوجد

يتناول المساق مفهوم نفس علم النمو وأهميته ، وأهدافه ، ومبادئه ، ومطالبه لكل مرحلة عمرية ونظرياته ، مع التركيز على التطبيقات التربوية في كل مرحلة ، كما يتناول المفاهيم المتعلقة بالنمو الجسمي، والمعرفي ، والاجتماعي، والعاطفي. كما يناقش أيضاً مشكلات البلوغ والمراهقة بالإضافة إلى المشكلات التي تصاحب التغيرات التي تطرأ على مظاهر النمو في كافة مراحل النمو، ومحاولة تقديم حلول لها.

الساعات المعتمدة : (3)   اســم المســـاق : أصول التربية (EDU 202)
المتطلبات السابقة : لا يوجد

يتناول هذا المساق مفهوم التربية ، وأنماطها ، وأصولها ، والوسائط التي تتم من خلالها ، إضافة إلى طبيعة ممارسة مهنة التعليم والإعداد لها، وأخلاقياتها، وبما يساعد على فهم الطالب لنظام التعليم بدولة الإمارات العربية المتحدة ، ودوره في تنمية المجتمع، وترقيته وإلمامه ببعض القضايا العالمية ذات الصلة بالتعليم ووظيفتها، وأهدافها، وضرورتها، ومبادئها، ووسائطها، كما يتناول الأصول الفلسفية والاجتماعية.

الساعات المعتمدة : (3)   اســم المســـاق : علم النفس التربوي (EDU 203)
المتطلبات السابقة : علم نفس النمو(EDU 201)

يتناول هذا المساق تعريف علم النفس التربوي ، وأهدافه ، وفروعه ، وموضوعاته ، وأهميته بالنسبة للمعلم ، والفروق الفردية بأنواعها المختلفة ، وخصائصها ، والنمو والعوامل المؤثرة فيه ، والمراهقة ، والتعليم والتعلم , والنمو المعرفي وتطبيقاته ، ونظريات التعلم وتطبيقاتها التربوية ، مما يزيد من فعالية العملية التربوية التعليمية .

الساعات المعتمدة : (3)   اســم المســـاق : بناء المناهج (EDU 204)
المتطلبات السابقة : لا يوجد

يتناول هذا المساق أهمية دراسة المنهج بمفهومه الحديث ، وأسس بنائه (الاجتماعية – النفسية – الثقافية) وعناصره (الأهداف – المحتوى – الأساليب والنشاطات والوسائل – التقويم)، وتخطيطه وأمثلة لبعض نماذج وتنظيمات المنهج المدرسي ودور المعلم في تقويمه وتطويره، كما يستعرض بعض طرق التدريس العامة هذا فضلاً عن تناول المفاهيم الأساسية في مجال القياس النفسي والاختبارات التحصيلية وأساليب إعدادها.

الساعات المعتمدة : (3)   اســم المســـاق : تكنولوجيا التعليم (EDU 205)
المتطلبات السابقة : EDU 204

يستعرض هذا المساق أسس ومبادئ تكنولوجيا التعليم الملائمة للتطبيقات التربوية بما في ذلك تطبيقات الحاسوب وغيره من الوسائط التعليمية وتصميم الدروس بالتركيز على المعارف والمهارات والاتجاهات الضرورية لتنظيم واستخدام التكنولوجيا في البيئات التعليمية المختلفة، كما يؤكد على الخبرات العملية من خلال مختبر تقنيات التعليم.

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اســـم المســـاق : طرائق تدريس اللغة العربية و التربية الإسلامية (EDU 206a)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : بناء المناهج (EDU 204)

يتناول المساق المفاهيم الأساسية للغة العربية والدراسات الإسلامية، وأسسهما، وخصائصهما، ومصادرهما، وطرائق تدريسهما، كما يتناول تحليل المحتوى، والأهداف الأدائية وصياغتها وتصنيفها ، وإعداد الخطط المتنوعة بمختلف مكوناتها، وأساليب تدريس اللغة العربية والدراسات الإسلامية في مواقف تطبيقية بما يتناسب مع مرحلة الأساس والثانوية، ويتناول مفهوم التدريس وعملياته ومصطلحاته، ووظائف اللغة وفنونها والكفايات اللازمة للتخطيط والتقويم فضلاً عن التحديات التي تواجه تعلم اللغة العربية.

اســـم المســـاق : طرائق تدريس الدراسات الإجتماعية (EDU 206b)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : بناء المناهج (EDU 204)

يتناول هذا المقرر طبيعة وماهية الدراسات الاجتماعية وقيمتها التربوية كمجال دراسي في المرحلتين الأساس والثانوي ، ومعرفة أهدافها والإلمام بجوانب تعلمها من معارف وقيم واتجاهات ومهارات، كما يتناول بعض المداخل التدريسية وطرق التدريس ، والتقويم ، والتطبيقات العملية عليها.

اســـم المســـاق : طرائق تدريس الفئات الخاصة (EDU 207)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : طرائق تدريس اللغة العربية و التربية الإسلامية (EDU 206a) + طرائق تدريس الدراسات الإجتماعية EDU) 206b)

يهدف هذا المساق إلى مساعدة الدارسين على معرفة الأسس والمفاهيم النظرية والتطبيقية المرتبطة بميدان التربية وأهميتها ، ووظيفتها، وعلاقتها بالعلوم المختلفة ، وبخاصة المدرسة والتعليم والمناهج ، كما يهدف المساق إلى تعريف الدارسين بمفهوم التربية الخاصة ، مما يساعدهم على تحديد وتصنيف الأطفال ذوي الاحتياجات الخاصة وكيفية التعامل معهم ودمجهم في الفصول الدراسية العادية كما يشمل ذلك الطلاب الذين يعانون من النقص أو الضعف العقلي، والإعاقات السمعية والبصرية والجسمية وغيرها، ويشمل تعليم الطلاب ذوي الاضطرابات السلوكية والانفعالية، وصعوبات التعلم ، هذا فضلاً عن الموهوبين والفائقين، ويتناول المساق العوامل والطرق ، وأساليب التعليم ، وإعادة التأهيل مما يسهم في تطوير مهارات التدخل المبكر لحل مشاكل الأطفال ذوي الاحتياجات الخاصة، مركزاً على الجوانب النفسية ، والخصائص التعليمية، والفنية، والطبية، والاجتماعية.

اســـم المســـاق : الإدارة المدرسية و الصفية (EDU 208)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : أصول التربية (EDU 202)

يتناول هذا المساق المفاهيم المتعلقة بالإدارة المدرسية والصفية، كما يتناول أهمية الإدارة المدرسية والصفية وأهدافها ، وأنماط كل نوع ، ومستوياتها ، وعمليات الإدارة المدرسية ، والإدارة الصفية ، واستراتيجياتها ،والعوامل المؤثرة فيها والتحديات التي تواجها، والبيئة الصفية وعلاقتها بالتعلم والانضباط الصفي والمشكلات الإدارية التي تعيق عمل المعلم، وبعض النماذج المعاصرة في إدارة وتنظيم الصف الدراسي. كما يتناول التطبيقات العملية بحيث يقوم الطلاب المعلمون فيه بتطبيق مبادئ الإدارة الصفية الفاعلة والمحافظة على بيئة صفية منتجة ينمون من خلالها تحمل الطالب المسؤولية.

اســـم المســـاق : التربية العملية (EDU 209)   **الساعات المعتمدة : (6)**

المتطلبات السابقة : طرائق تدريس اللغة العربية و التربية الإسلامية (EDU 206a) + طرائق تدريس الدراسات الإجتماعية(EDU 206b)

يتناول هذا المســاق تعريف الطلاب بواقع عملية التعليم والتعلم والتطبيقات العملية داخل غرفة الصف ومناقشــة المشــاهدات الصـفية والتدرب على تطبيق عدد من المهارات التدريســية (التهيئة الحافزة، أواسـتثارة التعلم الســابق، التخطيط للدرس، إدارة النشــاط ، توجيه الأسئلة ، ... الخ. ويهدف المساق إلى تمكين الدارسين من الربط بين النظرية والتطبيق، كما يسعى إلى تطوير وتحسين مستوى أداء ومهارات الدارسين على تطبيق ما تعلموه من معرفة وطرق حديثة في التدريس والتقييم ودمج ذوي الحاجات الخاصة.

اســـم المســـاق : طرائق البحث العلمي (EDU 210)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول هذا المساق المفاهيم والمهارات الأساسية للبحث التربوي والتي يحتاج اليها المعلم في أداء رسالته المهنية. كما يقدم هذا المساق نظرة عامة لمناهج البحث التربوي بأنواعها المختلفة ، ويشمل ذلك البحوث الكمية والكيفية والكمية الكيفية. كما يتناول أيضاً خطوات البحث التربوي و خصائصه، وعناصره وأساليبه، وأدواته وتحليله.

اســـم المســـاق : التقويم النفسي والتربوي (EDU 201)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : بناء المناهج (EDU 204)

يتناول المساق المفاهيم والمبادئ الأساسية في القياس النفسي والتقويم التربوي والاختبارات النفسية وكيفية إعدادها واستخدامها وكذلك الاختبارات التحصيلية بأنواعها المختلفة، ومقاييس الاتجاهات بأنواعها ومميزاتها وعيوبها ووسائل تطويرها، كما يتناول خطوات بناء الاختبارات التحصيلية وإعداد جدول المواصفات وشروط الاختبار الجيد من ثبات وصدق وموضوعية، ويتناول التحليل الإحصـائي اللازم لبناء أدوات القياس والتقييم من معاملات سهولة وصعوبة وتمييز وتقييم السؤال.

اســـم المســـاق : التربية ومشكلات المجتمع (EDU 212)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق المفاهيم والموضوعات المتعلقة بمشكلات المجتمع المعاصرة، التي تؤثر علي مخرجات التعليم مما ينعكس على تنمية الموارد البشرية للدولة ، كما يتناول هذا المساق الآثار الاقتصادية والاجتماعية والثقافية والدينية لهذه المشكلات المجتمعية من المنظور التربوي ، وعلاقتها بالحراك الاجتماعي الثقافي في دولة الامارات العربية المتحدة ، وتعزيز الوعي الثقافي بهذه المشكلات ، وكيفية وضع الحلول المناسبة لهذه المشكلات.

اسـم المسـاق : النشاطات المدرسية في المرحلة الأساسية (EDU 213)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : بناء المناهج (EDU 204) + تكنولوجيا التعليم (EDU 205)

يتناول المساق النشاط المدرسي في المدرسة الأساسية ماهيته وتطوره وأهميته، ووظائفه وأهدافه، وكذلك مجالاته وأنواعه – جماعاته – مميزاته – محدداته – الأجهزة المشرفة ـ المناشط المدرسية في ضوء المراحل التعليمية (في المدرسة الأساسية) بالإضافة إلي الجوانب التنظيمية لعمل رواد النشاط المدرسي.

اسـم المسـاق : الأدب العربي (DAI 301)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق المفاهيم الأدبية الرئيسة ، ويقدم نصوصاً مختارة من شعر العرب ونثرهم قديماً وحديثاً ، ويتناولها بالتحليل ، ويناقش أغراضه وموضوعاته وظواهره ، ويدرس أثر حياة بعض الشعراء والأدباء على ذلك الفن .

اسـم المسـاق : نحو و صرف (1) (DAI 302)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق دراسة المعرب والمبنى من الأسماء والأفعال والحروف، وتبيين أنواع الإعراب، وعلامات الإعراب والبناء الأصلي والفرعي ـوتتناول الأسماء الستة بالدراسة، وكذلك المثنى، والملحق به، والجمع بأنواعه:(المذكر السالم، والملحق به، وجمع المؤنث السالم، وجمع التكسير)، والمقصور والمنقوص والممدود، وبناء الأفعال وإعرابها، ونواصب الفعل المضارع وجوازمه، والأفعال الخمسة (المبنية والمعربة). والجملة الاسمية وأحكامها، وما يدخل عليها من النواسخ، والفاعل ونائبه، وأفعال التعجب، وأفعال المدح والذم، والعدد وأحكامه. كما يتناول الميزان الصرفي في الأسماء والأفعال والمشتقات والمصادر والمجرد والمزيد.

اسـم المسـاق : القرآن الكريم (التلاوة والتجويد والحفظ) (DAI 303)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق فضل تلاوة القرآن الكريم وحفظه وآدابه، وأساليب التلاوة والاستعاذة والبسملة وعلم التجويد وأحكامه (أحكام الميم والنون الساكنتين والتنوين، والقلقلة وأحكامها)، كذلك بيان المدود وأنواعها، وهمزتي الوصل والقطع، و توضيح مخارج الحروف وصفاتها مع التفخيم والترقيق للحروف، و تطبيق ذلك كله عملياً. (حفظ الجزءين التاسع والعشرين والثلاثين) من القرآن الكريم، و تطبيق أحكام علم التجويد على السور الآتية: يس، ولقمان، والسجدة.

اسـم المسـاق : العقيدة الإسلامية (DAI 304)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول هذا المساق :العقيدة الإسلامية وما يتصل بها من مفاهيم ومصطلحات ، كما يتناول أركان الإيمان الواردة في حديث جبريل ـ عليه وعلى نبينا الصلاة والسلام ـ من الإيمان بالله تعالى و الملائكة والأنبياء والمرسلين والكتب التي أنزلها الله سبحانه على رسله ، والإيمان باليوم الآخر وما يتعلق بكل ركن من موضوعات ، و الأمور التي أخبرنا الله بها من أمر الغيب في كتابه ومما صح عن النبي صلى الله عليه وسلم في ذلك ، كعلامات الساعة الكبرى والصغرى وتفاصيل يوم القيامة ، وصفة الجنة والنار. ودراسة نواقض الإيمان ،والتعريف بأهل الأهواء والبدع وأنواع البدعة ، ودراسة عامة مختصرة عن الفرق والملل والنحل.

اسـم المسـاق : أدب أطفال (DAI 305)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المسـاق مفهوم أدب الأطفال وماهيته والمجالات التي يتناولها، ويقدم الأنواع الأدبية التي تناسـب الأطفال وقدراتهم و فئاتهم العمرية، ورصـيدهم اللغوي والمعرفي، بما ينعكس إيجاباً على الجانب الفكري له، وينمي مهارة التذوق الأدبي لديه. ويتناول صـفات الأديب، ووظيفة أدب الطفل، وأهمية الخيال وعلاقته بهذا الأدب، بما يمكنه من تطبيقها في حياته العملية .

اسـم المسـاق : نحو و صرف (2) (DAI 306)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : نحو و صرف (1) (DAI 302)

يتناول المساق: دراسة المنصوبات في اللغة العربية وهي: المفعول به، المفعول المطلق، المفعول لأجله، المفعول فيه، المفعول معه، الاستثناء، الحال، التمييز، والمنادى والتوابع (النعت، العطف، التوكيد، والبدل). ويقدم نماذج تطبيقية وإعرابية مناسبة، كما يناقش موضوعات صرفية متعددة، مبرزاً طرائقها وأنواعها، مع الأمثلة المناسبة، وهي: التصغير، النسب، الإعلال ، والإبدال.

اسـم المسـاق : علوم القرآن (DAI 307)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : القرآن الكريم (التلاوة والتجويد والحفظ) (DAI 303)

يتناول المساق تعريف القرآن لغة واصطلاحاً، والوحي، والتمييز بين المكي والمدني، والحديث عن نزول القرآن، وبيان أول ما نزل منه وكذلك آخر ما نزل. ويهتم بأسباب نزوله، وجمعه، وترتيبه، ويعنى بنزوله على: الأحرف السبعة والنصوص الواردة فيها، وقراءاته العشر، وقراءاته الشاذة وأحكامها وأسبابها، والوقوف على الفرق بين الأحرف والقراءات. كما يتناول: محكمه، ومتشابهه، وناسخه، ومنسوخه، وإعجازه، وأقسامه، وقصصه، وأمثاله، ويبين أهم المصادر والمراجع ذات الصلة.

اســـــم المســـــاق : السيرة النبوية (DAI 308)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المساق حياة العرب قبل الإسلام، وسيرة الرسول صلى الله عليه وسلم منذ ولادته إلى وفاته. ودراسة الأحداث التي وقعت، وتحليل المواقف التي شهدها على اختلاف أنواعها في تلك المرحلة دراسة تحليلية، والتفقه فيها، وبيان دلالاتها وآثارها، واستنباط الدروس والمواعظ والعبر منها. كما يتناول بعض خطبه ووصاياه. ويعرض لأهم المصادر والمراجع ذات الصلة.

اســـــم المســـــاق : البلاغة العربية (DAI 309)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المساق تعريف البلاغة وأهميتها، وأقسامها الثلاثة، والتعرف على أركان كل واحدة منها: علم البيان ومكانته وأقسامه (التشبيه، المجاز، الاستعارة والكناية). علم المعاني وصلته بالأسلوب والخبر وأنواعه وخروجه عن مقتضى الظاهر، والإنشاء وأقسامه وأغراضه، وأحوال المسند إليه والمسند، والقصر، والإيجاز والإطناب والمساواة. كما يتناول المساق علم البديع بقسميه المحسنات اللفظية والمعنوية، وأنواعها وأثرها في تزيين الكلام وتحسينه. ويعرف بأهم المصادر البلاغية ومراجعها.

اســـــم المســـــاق : علم اللغة (DAI 310)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول هذا المساق علم اللغة وماهيته، ومصطلحاته ودلالاته، وأهميته بالنسبة لدارسي اللغة، ودراسة مستويات اللغة الأربعة: الأصوات، الصرف، النحو، والدلالة،وبيان خصائص اللغة العربية، ونشأة البحث اللغوي، ومناهج البحث في اللغة، بالإضافة إلى الوقوف على نظريات اللغة عند المحدثين، سوسير، وبلومفيلد، وتشومسكي، وغيرهم، والصراع اللغوي واللهجات.

اســـــم المســـــاق : فقة العبادات (DAI 311)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : العقيدة الإسلامية (DAI 304)

يتناول المساق الأحكام المتعلقة بالعبادات وتشمل مسائل الطهارة: المياه، النجاسات، الوضوء، الغسل، التيمم، والأحكام الخاصة بالنساء ، وأيضاً ماينعلق بالصلاة من: المواقيت، الأذان، شروط الصلاة، أركانها وواجباتها وسننها ، سجود السهو، صلاة الجمعة والجماعة، صلاة الخوف، صلاة المسافر، صلاة المريض، صلاة العيدين، الاستسقاء، صلاة الجنازة، هذا فضلاً عن أحكام الصيام: تعريفه، وأنواعه وشروطه وآدابه وسننه، ومفسداته وآثارها والأعذار المبيحة للإفطار، وقضاء الصوم، وأحكام الزكاة ومصارفها، وأحكام الحج والعمرة .

اســـــم المســـــاق : الحديث الشريف (DAI 312)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : السيرة النبوية (DAI 308)

يتناول هذا المساق دراسة خمسة عشر حديثاً صحيحاً، منها خمسة أحاديث حفظا، تتناول موضوعات مختلفة، من بينها: الإيمان، والآداب العامة، والبر والإحسان، والقضاء والقدر، والإمارة.

اســـــم المســـــاق : فن الكتابة و التعبير (DAI 313)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المساق تنمية مهارات الطالب في قراءة النص القديم والحديث، وفهمه والإفادة منه. وآلية استخدام الطالب اللغة الفصحى ذات الصلة بحياته العامة والخاصة، وطريقة التعبير السليم عن أفكاره ومقاصده بطريقة واضحة، وبأسلوب واضح سليم، وتدريبه على كتابة الرسائل الشخصية والرسمية والمقالات، وإعداد التقارير وتسجيل الخواطر والمذكرات الشخصية، بأسلوب لائق خال من الأخطاء اللغوية. ويهتم بمراجعة النص وإخراجه. يعرف الطالب بالأخطاء اللغوية الشائعة؛ لتجنبها.

اســـــم المســـــاق : علم العروض (DAI 314)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المساق تعريف علم العروض ومصطلحاته وواضعه، وأثره في الإبداعات الشعرية، والوقوف على البحور الشعرية، وأوزانها، ومفاتيحها، وتفعيلاتها، وزحافاتها، وعللها، وآلية التشابه فيما بينها، من خلال النماذج والتطبيقات الشعرية المناسبة .

اســـــم المســـــاق : التفسير (DAI 315)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المساق آيات من القرآن الكريم بالدراسة والتفسير، والوقوف على المعاني العامة للآيات والأحكام، والدروس المستفادة، وأقوال المفسرين. وأسباب النزول. والتعريف بأهم كتب التفسير ومناهجها، وأعلامها.

اســـــم المســـــاق : فقه المعاملات (DAI 316)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : فقة العبادات (DAI 311)

يتناول المساق المدخل إلى فقه المعاملات فيما يخص نظرية العقد والخيارات، ويتناول أبواباً فقهية في المعاملات: البيع وحكمه وأركانه ومشروعيته وشروطه ، وبعض المباحث المتعلقة به كالإجار وأنواعه وشروطه ومدته واختلاف المتبايعين ، والمرابحة وأحكام الربا و عقد السلم ، وعقد الإجارة ، وعقد الرهن ، وعقد الكفالة ، وعقد الشفعة .

اســم المســاق : النقد الأدبي (DAI 317)　　　　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد
يتناول المساق تعريف النقد لغة واصطلاحاً، وبيان غرضه وأهدافه، ومقاييسه، وفوائده، وعيوبه، وماهيته في العصور المختلفة. والوقوف على نظريات النقد، وعناصر الأدب: الشعر، النثر، الرواية، والنواحي التاريخية للنقد عند العرب، والغرب، بالإضافة إلى الحديث عن ظهور النقد المنهجي، والاتجاهات التي سادت فيه، ثم التعرف على أبرز أعلامه وآلياته ووسائله ومصطلحاته وقضاياه كالشكل والمضمون واللفظ والمعنى، و إجراء دراسات نقدية تطبيقية على النصوص الشعرية والنثرية.

اســم المســاق : الإسلام وقضايا العصر (DAI 318)　　　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : فقة العبادات (DAI 311)
يشتمل هذا المساق على موضوعات : **الدين وقضايا العصر** : ويتناول المعاملات المالية المعاصرة (القروض والمضاربة ، والتأمين، والمزاد ...) ، والقضايا المرتبطة بالعبادات (الصلاة في الطائرة ، ثبوت الأهلة بالحساب الفلكي ، زكاة الأسهم والسندات ...) والقضايا الفقهية المرتبطة بالمستجدات الطبية وشئون الأسرة (الإجهاض ، زراعة ونقل الأعضاء ، الاستنساخ ...) ، **والدين والتنمية :** ويتناول منهج الإسلام في التنمية البشرية والاقتصادية ، والعلاقة بين الحضارة والتنمية الاقتصادية ، النظام الاقتصادي في الشريعة الإسلامية .**والإسلام دين الأمن والأمان :** دعوة الإسلام إلى الأمن ، موقف الإسلام من الإرهاب ، قيمة الأمن في المفهوم الإسلامي ...و **الدين والعلم والتفكير :** دعوة الإسلام إلى العلم ، وأنواع العلوم في المفهوم الإسلامي ، فضل العلم والعلماء ، وحكم تعلم العلم ... ، **والإسلام والعمران والمدنية والحضارة :** ويتناول المنظور الإسلامي للعمران والمدنية والحضارة ، والنظرية العمرانية في الإسلام ...**والإسلام والبيئة :** مفهوم البيئة في الإسلام ، دعوة الإسلام إلى حماية البيئة والمحافظة عليها ، علاج المشكلات البيئية في الإسلام ،**والإسلام والتعايش مع الآخر اعترافاً به وتحاوراً معه .**

اســم المســاق : الأدب العباسي (DAE 319)　　　　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : الأدب العربي (DAI 301)
يتناول المساق الحياة الأدبية والسياسية والعقلية والاجتماعية في العصر العباسي وأثرها على الأدب، دارساً أهم قضايا التجديد في العصر العباسي من خلال الوقوف عند أشهر شعرائه، وأعلام نثرته. مبيناً العوامل التي تؤثر في شخصياتهم وفنونهم. إضافة إلى دراسة نماذج متنوعة من نصوص الأدب الشعرية والنثرية، وإبراز جمالياتها وعمقها الفني .

اســم المســاق : الأدب العربي الحديث (DAE 320)　　　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : الأدب العربي (DAI 301)
يتناول هذا المساق ماهية الأدب العربي الحديث، والعوامل التي ساعدت على ازدهاره في العصر الحديث، والروافد التي ساهمت في تجديده وتطويره، مثل: تلاقح الثقافات، وانتشار الطباعة، وشيوع الصحافة وحركة الترجمة، والصراع بين التقليد والتجديد، والوقوف على أهم المذاهب الأدبية والفنية وأثرها في الحركة الأدبية، ودراسة أبرز الشعراء في هذا العصر على اختلاف مذاهبهم الأدبية وانتماءاتهم الثقافية، إضافة إلى دراسة النثر وتطوره، وأهم كتابه، وبيان المدارس والنظريات التي ينتمون إليها، وأثر الثقافات فيه، ومعالجة الأنواع الأدبية، من قصة، ومسرحية، ومقالة، وخاطرة، وسيرة ذاتية على اختلاف أنواعها وأساليبها.

اســم المســاق : أدب الخليج والجزيرة العربية (DAE 321)　　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد
يتناول المساق ماهية الأدب العربي، وتطوره في دول الخليج والجزيرة العربية، ورصد اتجاهاته المختلفة وحركات التجديد فيه وطبيعتها وآلياتها. ودراسة الشعر بموضوعاته المختلفة، والنثر بفنونه المتعددة والشعر النبطي من خلال مفهومه، وموضوعاته، وخصائصه، وتحليل نماذج منه.

اســم المســاق : تفسير آيات الاحكام (DIE 322)　　　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : التفسير (DAI 315)
يتناول المساق التعريف بتفسير آيات الأحكام ومناهج المفسرين في ذلك ، وأهم الكتب المؤلفة فيه ، كما يتناول عدداً من آيات الأحكام الواردة في سورة البقرة من حيث بيان المعنى العام للآيات ومن ثم بيان الأحكام الشرعية التي يمكن أن تستنبط منها مع ذكر الأقوال والراجح بالدليل، وإبراز منهج القرآن في الوجوب والتحريم، وترتيب الثواب والعقاب على الفعل.

اســم المســاق : الاعجاز في القران الكريم (DIE 323)　　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد
يتناول المساق المفاهيم المتعلقة بالإعجاز والمعجزة ودلالة المعجزة، ومعجزات الرسول صلى الله عليه وسلم، وأنواع الإعجاز اللغوي والإخبار عن الغيبيات والاعجاز التشريعي والعلمي، بالإضافة إلى نماذج من العروض لمشاهد مختلفة.

اسـم المسـاق : حقوق الطفل في الاسلام (DIE 324)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للانسان وحقوق الانسان في الإسلام: الطفولة ومفاهيمها وخصائصها ومراحلها عند علماء النفس وعلماء الشريعة، ويتناول أيضاً الاسرة وأهميتها، وأسس وقواعد اختيار الزوجين ودور الأسرة في بناء شخصية الطفل، وحقوقه في الإسلام قبل الولادة وبعدها ، وحقوقه في المواثيق الدولية، ويتناول حقوق الأطفال في: النسب، الرضاع، الحضانة، النفقة.

اسـم المسـاق : جغرافية الوطن العربي (DSS 401)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق مفهوم الوطن العربي: الموقع الجغرافي للوطن العربي، كما يتناول أهمية الموقع الجغرافي له، والظروف الطبيعية والمناخ والتربة في الوطن العربي، كما يتناول السكان في الوطن العربي و الإنتاج الزراعي والإنتاج الصناعي فيه، مع دراسة دولتين من دول الوطن العربي دراسة إقليمية (مثال جمهورية مصر العربية – المملكة العربية السعودية).

اسـم المسـاق : معالم تاريخ الجزيرة العربية القديم (DSS 402)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق التحديد الجغرافي للجزيرة العربية قبل الاسلام وللمناطق التي يشملها تاريخ العرب قبل الإسلام، والتطور التاريخي لمفهوم كلمة عرب وصلتها بالساميين، والعوامل التي ساعدت على ظهور الحضارة في الجزيرة العربية واتصالها بمراكز الحضارة في الشرق القديم. كما يتناول دراسة الأقوام القديمة منها ممالك (عاد – ثمود) وممالك الجنوب والشمال (المعينيون –الأنباط - التدمريين – المناذرة – الغساسنة) وممالك الجنوب (معين – سبأ – حضرموت) وعرب وسط الجزيرة العربية (كندة), كذلك مظاهر الحضارة العربية القديمة: اللغة , الدين , الحياة الاقتصادية , الزراعة , الصناعة, الرعي و أهم طرق التجارة و المواقع الأثرية .

اسـم المسـاق : مقدمة في جغرافية القارة الأفريقية (DSS 403)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق العوامل الجغرافية والطبيعية التي أثرت في تكوين سطح القارة الأفريقية وأهم الظواهر الطبيعية فيها كما يتناول دراسة عن مناطق توزيع السكان، والموارد الاقتصادية وعلاقتها بالمشكلات السياسية لقارة الأفريقية ويتناول أيضا جمهورية السودان من ناحية الموقع الجغرافي والملامح الطبيعية والبشرية والموارد الاقتصادية والمدن الكبرى المهمة والمملكة العربية المغربية، الموقع الجغرافي والملامح الطبيعية والبشرية والموارد الاقتصادية والمدن الكبرى المهمة.

اسـم المسـاق : تاريخ الدولة العربية الإسلامية (DSS 404)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : معالم تاريخ الجزيرة العربية القديم (DSS 402)

يتناول المساق أهمية موقع الجزيرة العربية وأسباب اختيارها مهدا للإسلام ، كما يتناول الدولة العربية الإسلامية في عهد الرسول (ص) وكذلك الدولة العربية الإسلامية في عهد الخلفاء الراشدين (رض) بداية من الخلافة: ظهورها، تعريفها وشروطها ، ثم دراسة الخلفاء الراشدين الأربعة رضى الله عنهم.

اسـم المسـاق : تاريخ مصر الفرعونية (DSS 405)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق أهمية مصادر دراسة التاريخ المصري كما يتناول تقسيم عصور الحضارة المصرية القديمة وعصور ما قبل التاريخ، كما يتناول عصور بداية الأسر. العصر العتيق والدولة القديمة وعصر الانتقال الأول وعصر الدولة الوسطى ثم عصر الانتقال الثاني كذلك الدولة الحديثة ثم العصر المتأخر حتى الغزو الفارسي والأسرة السابعة والعشرين.

اسـم المسـاق : مبادئ الخرائط و المساحة (DSS 406)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق مقدمة عن تطور وأهمية وأسس دراسة علم الخرائط ورسمها و تحديد رموزها و المشكلات التي تواجه الطالب و طريقة تحديد البيانات للقطاعات المختلفة من المجتمع وكيفية إنتاج الخرائط الطبوغرافية ومقاييس الرسم وطرق استعمالاتها ومساقط الخرائط والرموز عليها كما يتناول التركيب المرجعي للخرائط الإحداثيات الجغرافية والفاصل الرأسي لخطوط الكنتور وطرق رسمها وتفسير وقراءة المظاهر التضاريسية .

اسـم المسـاق : منهج البحث التاريخي (DSS 407)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف منهج البحث التاريخي، وصفات المؤرخ ومراحل كتابة التاريخ ، كما يتناول دراسة العلوم المساعدة التي تساعد على دراسة التاريخ في أية فترة زمنية تحدد، وكذلك المنهج التاريخي وخطواته وخصائصه ونقد المادة العلمية التي جمعها الطالب وقدرته على الكتابة التاريخية وما يجب مراعاته فيها، القدرة على كتابة بحث تطبيقي لتدريب الطلاب على التوثيق الصحيح (كتابة الهوامش والنصوص).

اسـم المسـاق : تاريخ الدولتين الأموية و العباسية (DSS 408)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : تاريخ الدولة العربية الإسلامية (DSS 404)

يتناول المساق مقدمة عن الأمويين وعام الجماعة وقيام الدولة الأموية ، وأهم الخلفاء الأمويين عامة حتى نهاية الدولة الأموية وسقوطه. كما يتناول نشأة الدولة العباسية (العصر العباسي الأول) وأهم خلفائه كما يتناول العصر العباسي الثاني وسماته وظهور العنصر التركي وزيادة نفوذهم...حتى سقوط الدولة العباسية.

اســم المســاق : تاريخ اليونان و الرومان (DSS 409) **الساعات المعتمدة : (3)**
المتطلبات السابقة : تاريخ مصر الفرعونية (DSS 405)

يتناول المساق أصل اليونان وأهم الحضارات؛ الميونية و الموكينية، كذلك تطور النظم السياسية وظهور المدينة وهجرة الإغريق واستيطانهم على سواحل البحر المتوسط، ظهور مدن كبري. كما يتناول الحروب الفارسية – الحروب البلوبونزية ومظاهرها ونشأة روما وقيام النظام الملكي و النظام السياسي والاجتماعي لها، ثم توسع روما في البحر المتوسط كما يتناول تأسيس الإمبراطورية الرومانية (اوكتافيوس في روما و إرساء الحكم الإمبراطوري، إصلاحات اوكتافيوس (السياسية – الاجتماعية – الدينية – الإدارية) حتى يصل إلي الإمبراطورية في عصر اوجستس (أغسطس).

اســم المســاق : الجغرافية الطبيعية (DSS 410) **الساعات المعتمدة : (3)**
المتطلبات السابقة : مقدمة في جغرافية القارة الأفريقية (DSS 403)

يتناول المساق مكونات الغلاف الصخري للكرة الأرضية (التركيب الداخلي للأرض). و خصائص الغلاف الصخري وتركيبه ، و نظريات حركة القارات، كما يتناول صخور القشرة الأرضية وأنواعها والموضوع الخامس العوامل الداخلية (الجوفية – الباطنية) البطيئة الموضوع السادس القوى الداخلية السريعة (الفجائية). كما يتناول القوى الخارجية المساهمة في تشكيل سطح الأرض ، والغلاف الجوى ومكوناته و عناصر المناخ ، و الغلاف المائي .

اســم المســاق : جغرافية أوراسيا الأقليمية (DSS 411) **الساعات المعتمدة : (3)**
المتطلبات السابقة : مقدمة في جغرافية القارة الأفريقية (DSS 403)

يتناول المساق مقدمة عامة عن جغرافية القارتين (أوربا وآسيا) والتضاريس (مرتفعات – سهول - بحار المناخ والأقاليم المناخية للقارتين) كما يتناول النبات الطبيعي والأقاليم النباتية للقارتين والسكان، من حيث أجناسهم و مناطق تركزهم وكذلك النشاط الاقتصادي للسكان والنقل الاقتصادي و النظم السياسية للقارتين.

اســم المســاق : تاريخ الأندلس الإسلامي (DSS 412) **الساعات المعتمدة : (3)**
المتطلبات السابقة : تاريخ الدولتين الأموية و العباسية (DSS 404)

يتناول مقدمة عن أحوال شبه الجزيرة الأيبيرية قبل الإسلام (الأندلس) والفتح الإسلامي لبلاد الأندلس على يد طارق بن زياد و موسي بن نصير ثم عبد العزيز بن موسي بن نصير و فتح طليطلة، وتناول عصر الولاة قيام الدولة الأموية في الأندلس عصر تأسيس دولة بني أمية في الأندلس (عبد الرحمن الأول – هشام الأول- الحكم الربضي) العصر الذهبي الأموي في الأندلس كما تناول عصر ملوك الطوائف الأول والثاني (المرابطون والموحدون) والفتنة الكبرى والأسباب التي أدت إلي خروج المسلمين من الأندلس .

اســم المســاق : تاريخ العرب الحديث و المعاصر (DSS 420) **الساعات المعتمدة : (3)**
المتطلبات السابقة : تاريخ الأيوبيين و المماليك (DSS 414)

يتناول عوامل ضعف الدولة العثمانية ومحاولات إصلاحها وأوضاع العالم العربي في ظلها، كما يتناول الحملة الفرنسية على مصر والشام، وظهور محمد على و أطماعه التوسعية في البلاد العربية خلال الحرب العالمية الأولى (1914 م- 1918م)، كما يتناول البلاد العربية خلال الحرب العالمية الثانية (1939م- 1945م) .وظهور الجامعة العربية وحركات الاستقلال عن الاستعمار الأوربي فيها، كما يتناول الأحداث المعاصرة كالحروب العربية الاسرائيلية، الوحدات العربية (وحدة مصر وسوريا 1958، وحدة شطري اليمن، مجلس التعاون الخليجي)، حرب الخليج الأولى (العراق،إيران) والثانية، انفصال جنوب السودان 2011م.

اســم المســاق : تاريخ الأيوبيين و المماليك (DSS 414) **الساعات المعتمدة : (3)**
المتطلبات السابقة : تاريخ الدولتين الأموية و العباسية (DSS 408)

يتناول المساق تاريخ الأيوبيين من عام (125.م – 1517م) – (648هـ- 922هـ) :
أحوال العالم الإسلامي قبل ظهور الأيوبيين ثم قيام الدولة الأيوبية والحروب الصليبية و ظهور صلاح الدين كما تناول الدولة الأيوبية بعد صلاح الدين وخلفاءه حتى نهاية الدولة الأيوبية وتناول أحوال مصر في العصر الأيوبي.
وكذلك دولة المماليك : (125.م- 1517م)
تناول انتقال الحكم وقيام دولة المماليك البحرية – (قطز والمغول وموقعة عين جالوت) بيبرس و تأسيس دولة المماليك البحرية كذلك أسرة قلاوون وخصائص دولة المماليك الجراكسة في عهد خلفائه حتى انتهت ثم حكم أسرة السلطان الظاهر برقوق نهاية دولة المماليك أحوال مصر في عصر سلاطين المماليك.

اســم المســاق : نظم المعلومات الجغرافية و الإستشعار عن بعد (DSS 415) **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المساق أنظمة المعلومات الجغرافية ، و أهمية الربط و طبوغرافيتها. وأيضاً مفهوم الطبقات ومصادرها وأنظمة المعلومات الأرضية والنظام الجغرافي وعلاقتها بالتحديد المكاني، كما يتناول عمليات المسح الجوي و الصور الجوية لسطح الأرض ، وتحليل ارتباطاتها بالمظاهر الجغرافية الأخرى، و تطبيقات نظم المعلومات ومراحل تنفيذها مثل مراجعة خرائط المدن ومخططاتها وتحديثها و إنشائها، وخرائط استخدام الأرض وربطها بقاعدة معلومات جغرافية.

اسـم المساق : تاريخ الخليج العربي (DSS 416)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : معالم تاريخ الجزيرة العربية القديم (DSS 402)
يتناول أوضاع بلاد الخليج قبل مجيء البرتغاليين في أوائل القرن السادس عشر الميلادي/ العاشر الهجري من الناحية (الإستراتيجية – السياسية – الاقتصادية) . الاستعمار البرتغالي في منطقة الخليج العربي كذلك وصول العثمانيين ومحاولة الهولنديين والإنجليز احتلاله وأهميته لبريطانيا، كما يتناول أحوال الخليج العربي في أثناء الحرب العالمية الأولى (1914-1918م) وظهور النفط وأثره على العلاقات الغربية في منطقة الخليج، وقيام مجلس التعاون وعلاقاته بالولايات المتحدة الأمريكية و مشكلاته الحديثة والمعاصرة.

اسـم المساق : الجغرافية الإقتصادية (DSS 417)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مقدمة في جغرافية القارة الأفريقية (DSS 403)
يتناول مقدمة عن مفهوم الجغرافيا الاقتصادية وتطور مجالاتها والنظريات الاقتصادية في الدول الرأسمالية و الدول الاشتراكية والعوامل الطبيعية والبشرية المؤثرة في النشاط الاقتصادي كما يتناول موارد الثروة الاقتصادية الموجودة على سطح الأرض وفي باطنها وطرق استغلالها ويتناول التوزيع الجغرافي للموارد الثروة الاقتصادية العوامل المؤثرة فيه و أساليب نقلها والعوامل المؤثرة فيها حركة التبادل التجاري مثل السوق الأوربية المشتركة – اتفاقية الجات .

اسـم المساق : تاريخ أوروبا الحديث و المعاصر (DSS 418)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد
يتناول المساق الكشوف الجغرافية ودوافعها الدينية الاستعمارية في افريقية واسيا مع تأكيد على عدائها للإسلام وحركة الإصلاح الديني والصراع مع الكنيسة في أوربا كما يتناول الثورة الفرنسية وتأثيرها على الدول الأوربية والأحلاف والتكتلات العسكرية ومقدمات الحرب العالمية الأولى والثانية ونتائجهما ، وكذلك الحرب الباردة والأدوار التي مرت بها (1947م – 1981م) وأوربا وقضايا الشرق الأوسط. كما يتناول المساق الأحداث التاريخية المعاصرة مثل: وحدة الألمانيين، وتحرر دول أوروبا الشرقية، وانهيار الاتحاد السوفيتي، والحروب في الشيشان وفي يوغسلافيا، والاتحاد الأوربي.

اسـم المساق : جغرافية العالم الجديد (DSS 419)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : جغرافية أوراسيا الأقليمية (DSS 411)
يتناول المساق قارات أمريكا الشمالية وقارة أمريكا الجنوبية وقارة أمريكا الوسطى من ناحية الموقع – المناخ – التضاريس – السكان – الثروات الاقتصادية، كما يتناول قارة أستراليا من ناحية الموقع – المناخ – التضاريس – السكان – الثروات الاقتصادية ـ الأقسام الفدرالية للقارة مع التطبيق على عدد من دول القارات الثلاثة من جميع النواحي الطبيعية والبشرية. (يكتفي بدولتين فقط أو ولايتين فدراليتين) .

اسـم المساق : الجغرافية السياسية (DSE 420)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد
يتناول المساق تعريف الجغرافيا السياسية ومجالاتها وعلاقتها بالعلوم الأخرى .نشأة الدولة ونموها وتطورها ووظيفتها ، كما يتناول المقومات الجغرافية للدولة ودور العوامل الجغرافية في المشكلات السياسية الدولية ويتناول حدود ومميزات الموقع الجغرافي والموارد الاقتصادية والعوامل البشرية ودراسة لبعض مشكلات الوطن العربي السياسية .

اسـم المساق : معالم الحضارة العربية الاسلامية (DSE 421)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : تاريخ الدولة العربية الإسلامية (DSS 404)
يتناول المساق تعريف معنى الحضارة العربية الإسلامية وأصول الحضارة الإسلامية الوظائف، الخصائص كذلك واقع الحضارة الإسلامية، ومستقبلها، والفرق بينها وبين المدنية , ثم بيان الأسس التي قامت علها الحضارة , والتعريف جوانب الحضارة العربية الإسلامية – علميا وفكريا، والنظم الإسلامية، والصناعات الفنية الإسلامية المختلفة، وتطورها، ومراكز الحضارة العربية الإسلامية، وفضلها على الحضارات والمدنيات الأخرى، وأيضا دراسة تحليل لأسباب تدهور الحضارة العربية الإسلامية.

اسـم المساق : جغرافية الموارد المائية (DSE 422)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد
يتناول المساق أهمية الموارد المائية ومفهوم الدورة المائية كما يتناول موارد المياه المتنوعة في الكرة الأرضية والميزان المائي في بيئات متنوعة وكذلك طرق استغلال المياه في المجالات المختلفة والموارد المائية في البيئة الجافة لاسيما الجوفية منها بالإضافة إلى الخصائص الفيزيائية والكيميائية للمياه وأنماط توزيع المياه المكاني .

12.3.7 Bachelor of Public Relations

اسـم المسـاق : مدخل الى الاتصال الجماهيري (COM 100)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول هذا المساق التعريف بمختلف وسائل الاتصال السمعية – البصرية، والمطبوعة، والإلكترونية من حيث المفهوم، والنشاط، والوسيلة، والأبعاد.

كما يتناول مضمون المساق نشأة وتطور مختلف وسائل الاتصال الجماهيري في العالم وتأثرها بالنسق الاجتماعي، والتحولات الثقافية، والسياسية، والاقتصادية التي واكبتها.

كما يتضمن المساق دراسة وظيفة وسائل الاتصال الجماهيري على مختلف الأصعدة والأنشطة الاجتماعية

اسـم المسـاق : الكتابة الاعلامية (COM 105)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول مبادئ الكتابة لتشكيلة من كتابات وسائل الإعلام والعلاقات العامة.

وتشتمل تلك التشكيلة على الخبر من حيث ماهيته وأهميته وأنواعه ومصادره كوكالات الأنباء والمراسلين وشبكة الإنترنت. البيان الصحفي وقواعد تحريره وتشتمل أيضا على : قواعد كتابة المقدمات والقصص الإخبارية البسيطة، كما يتم التعرف على فروقات تحرير الخبر في وسائل الإعلام المختلفة والقيم الخبرية المختلفة والتمييز بين الواقعة والرأي

ويتم اختبار الطالب من خلال النماذج التطبيقية على كتابة الخبر.

اسـم المسـاق : مهارات الاتصال الشخصي (COM 112)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : مدخل الى الاتصال الجماهيري(COM 100)

يهدف هذا المساق إلى تمكين الطالب من الإلمام بالمفاهيم والنظريات في مجال الاتصال الإنساني وإكسابه المهارات الأساسية في مجال التواصل مع الذات والآخرين وتعزيز دوره في حياته اليومية والعملية باستخدام أساليب تعتمد على التدريب والتقويم المتنوع والفعال.

اسـم المسـاق : علم النفس الاجتماعي (COM 120)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف الطالب بعلم النفس الاجتماعي وأهميته ، وأهدافه ، ومبادئه ، ومفاهيم الذهن الاجتماعي والادراك الاجتماعي ،كما يتناول المساق مواضيع التنشئة الاجتماعية والعمليات الاجتماعية التى يتم من خلالها تنشئة الأفراد. والعلاقة بين التنشئة الاجتماعية وبعض المتغيرات النفسية والتأثير الاجتماعي والاتجاهات والاقناع والعلاقات الشخصية ، ومفاهيم ديناميات الجماعة و القيادة والسلوك القيادى واخيرا، الأمراض النفسية و منها سيكولوجية التعصب، وسيكولوجية الشائعات،والسلوك العدوانى، مع استعراض حالات دراسية.

اسـم المسـاق : الترجمة الاعلامية (COM 210)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : الكتابة الاعلامية (COM 105)

يتناول المساق مقدمة في الترجمة في العمل الإعلامي. والتعريف بالمصطلحات الاعلامية باللغة الإنجليزية. كما يتناول قواعد الترجمة الصحفية من خلال تدريب الطالب على ترجمة الأخبار السياسية والاقتصادية والثقافية والعسكرية وأخبار الكوارث واستخدام الإنترنت في الترجمة. ويحتوي المساق على تطبيقات عملية في الترجمة من الإنجليزية إلى العربية وبالعكس .

اسـم المسـاق : فن الالقاء والتقديم (COM 215)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يعرف المساق بعمليات انتاج الكلام ومراحل العملية الكلامية -والاصوات اللغوية وتقسيماتها وحرفية الالقاء والإلقاء في عصرنا الحاضر, ثانيا: التحليل والتطبيق, ثالثا: التدريب العملي: يكلف الطالب بإعداد خطبة يلقيها على زملائه بالفصل ويكون موضوعها من اختياره - يكلف بارتجال خطبة على الفور والبديهة في موضوع يحدده في الحين.

اسـم المسـاق : مدخل الى علم الاجتماع (COM 217)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يهدف المساق إلى تعريف الطالب بالمبادئ الأساسية لعلم الاجتماع حيث يدرس الطالب في هذا المساق علم الاجتماع من حيث: المفاهيم، والنشأة، والتطور والمنهجية، وكافة ميادين علم الاجتماع، كالظواهر الاجتماعية، والمفاهيم الأساسية، والبناء الاجتماعي، ومستويات العلاقات الاجتماعية، والتنشئة الاجتماعية، وعمليات التنظيم الاجتماعي الممهد لظهور علم الاجتماع.. تحليل بعض الموضوعات الرئيسة مثل: الثقافة والشخصية، البناء الاجتماعي، ، التفاعل الاجتماعي، العمليات الاجتماعية. دراسة التحولات الاجتماعية وإفرازاتها المختلفة.

اسـم المسـاق : تاريخ العرب الحديث والمعاصر (COM 222)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : لا يوجد

يتناول وضع العرب تحت ظل الحكم العثماني والتأثيرات الأوروبية في المنطقة أيام العثمانيين ، الحركات الإصلاحية مثل حركة الشيخ محمد بن عبد الوهاب والحركة السنوسية والحركة المهدية، ودعوة الجامعة الإسلامية، ظهور بواكير الشعور القومي العربي مع وصول الاستعمار الأوروبي إلى المنطقة، أوضاع الوطن العربي خلال الحرب العالمية الأولى، فرض الانتداب، حركات المقاومة، الاستقلال والتنمية، جامعة الدول العربية

اسـم المسـاق : قوانين و اخلاقيات الاتصال (COM 225)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : الكتابة الاعلامية (COM 105)

يتناول المساق القواعد والمبادئ الأخلاقية للتشريعات التي تحكم وسائل الاتصال والعلاقات العامة في المجتمعات المعاصرة. الدساتير الأخلاقية التي توجه العمل الاتصالي في العالم العربي. التحديات الأخلاقية التي تواجه الاتصال. المواثيق الإعلامية وضرورتها للتنظيمات المهنية ، المسئولية الأخلاقية الاتصال نحو المجتمع ، المسئولية الأخلاقية لوسائل الاتصال نحو الأفراد ، المبادئ الأخلاقية لممارسات العلاقات العامة والاعلان ، حالات دراسية .

اسـم المسـاق : مدخل الى علم السياسة (COM 228)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول تعريفات علم السياسة في العصور والمجتمعات المختلفة، أهمية علم السياسة في الحياة المعاصرة، مجالات العلوم السياسية وعلاقتها بالعلوم الأخرى، المناهج والطرق التي يمكن أن تستعمل في دراسة الظاهرة السياسية، علاقة علم السياسة بالعلوم الأخرى، النظم السياسية في العالم، حالات دراسية.
كما يتناول هذا المساق تعريف العلاقات الدولية كمحدد من محددات السياسة الدولية ويناقش النظريات المختلفة للعلاقات الدولية مناقشة تطور العلاقات الدولية عبر العصور وتقييم واقع العلاقات الدولية في عصر العولمة ويعرف بالدبلوماسية كنمط مؤثر في العلاقات الدولية

اسـم المسـاق : مبادئ الادارة (COM 241)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يهدف هذا المساق إلى تزويد الطلبة بالمفاهيم والتطبيقات الإدارية على مختلف حقول الإدارة إضافة إلى تزويدهم بالمهارات اللازمة حول موضوعات حديثة في مجال إدارة الأعمال. حيث من المفترض أن يعطي مقدمة في مفهوم الإدارة، وأهميتها، ومجالاتها التطبيقية، ومدارسها، ووظائفها من تخطيط وتنظيم وتوجيه ورقابة واتخاذ القرارات، مفصلاً القول في الهيكل التنظيمي للمنشأة وفي مفاهيم السلطة والمسؤولية والتفويض واللامركزية، وفي التوجيه ومفاهيم القيادة والحفز الإنساني والاتصال والرقابة، وفي تطبيقات الوظائف الإدارية في كل من مجالات التسويق والإنتاج والمالية والأفراد، ويختم بموضوعات خاصة في الإدارة مثل ادارة الوقت والأزمات والأعمال الدولية

اسـم المسـاق : الرأي العام (COM 311)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مدخل الى الاتصال الجماهيري (COM 100)

يهدف هذا المساق إلى مناقشة وتحليل الأطر النظرية للرأي العام ومراحل تشكله وتأثيراته المحتملة في تطور المجتمع في المجالات السياسية والاجتماعية والاقتصادية والثقافية. ويركز المساق بشكل محدد على دور وسائل الاتصال الجماهيري في تشكيل الراي العام نحو القضايا المختلفة، وأنواع ومستويات الراي العام، وآليات ووسائل تأثيره في صناعة القرار السياسي والاقتصادي في المجتمعات المختلفة ومنهجيات قياس الراي العام وتقييم نتائجه استقناءاته، مع تحليل حالات دراسية وتجارب عملية.

اسـم المسـاق : مبادئ التسويق (COM 313)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مبادئ علم الإقتصاد (LAW 213)

يهدف هذا المقرر إلى إعطاء الطالب فكرة شاملة عن النشاط التسويقي بمنظمات الأعمال والمنظمات غير الهادفة للربح. يوضح المقرر مبادئ ومفاهيم وأنشطة التسويق في كل من الأسواق المحلية والدولية في ظل الظروف الاجتماعية والاقتصادية والتنافسية والتكنولوجية والقانونية التي تحيط بها، كما يبين الدور الذي تلعبه وظيفة التسويق في تحقيق أهداف المنظمة وفي تنشيط الاقتصاد الوطني. وتشمل المناقشة عملية تخطيط البرامج التسويقية وإنجازها والرقابة عليها مع شرح عناصر المزيج التسويقي (المنتج والتسعير والتوزيع والترويج) بالتفصيل.

اسـم المسـاق : نظريات الاتصال (COM 322)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مدخل الى الاتصال الجماهيري(COM 100)

يهدف المساق إلى عرض نماذج الاتصال ونظرياته بناء على نتائج البحوث التي افرزتها العلوم الاجتماعية (علم الاجتماع، علم النفس الاجتماعي، والعلوم السلوكية)، كما يتناول العديد من النظريات التي تسعى إلى شرح ظاهرة الاتصال في المجتمعات الحديثة. ويستعرض المساق مفهوم الاتصال ونماذجه وعوامل فعاليته، كما يتناول مسار التطور التاريخي لعملية الاتصال الإنساني. و يناقش المساق الأصول الاجتماعية و النفسية المفسرة لعملية الاتصال الجماهيري والنظريات المرتبطة ببناء الواقع الاجتماعي. كما يشرح استراتيجيات الإقناع و نظريات الاتصال (التأثير الانتقائي، التأثير القوي، التأثير المعتدل)، بالإضافة لنظريات المعرفة والنظريات المفسرة للعنف.

اسـم المسـاق : التصوير الرقمي (COM 330)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المقرر الكاميرا الرقمية digital camera من حيث الوظائف والخصائص الفنية ، وأنواع وأنواع الكاميرات الرقمية ومكوناتها، كما يدرس الطلبة في المساق لقطات وحركات الكاميرا وزواياها، واستخداماتها في التوثيق البصري للعلاقات العامة في مجال الفعاليات والأنشطة، والمناسبات، واستخدام الصور الرقمية في العروض التقديمية والمطبوعات وأفلام الفيديو الخاصة بالمنظمة.

اسـم المسـاق : البروتوكول والأتيكيت (COM 335)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول هذا المساق أصول و قواعد البروتوكول. فهو يستعرض اساليب المراسم الدبلوماسية المعاصرة و مفاهيمها وكذلك المواقف التي يتم استخدامه فيها ، وكذلك يعرف المساق الطالب على أسس فن المراسم و كيفية تنفيذها، و الشروط الواجب توافرها في القائم بأعباء المراسم و الاستقبال. كما يتناول المساق قواعد الإتيكيت وآدابها وطرق تطبيقها .

اسـم المسـاق : مناهج بحوث الاتصال (COM 401)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : نظريات الاتصال (COM 322)

يتناول هذا المساق دراسة مناهج البحث المستخدمة في الإعلام والاتصال، مع التركيز بشكل أساسي على المناهج الكمية، وتحديد أسسها الفكرية ومجالات استخدامها، مع استعراض وتحليل أهم نماذجها (الدراسات المسحية، البحوث المختبرية، وتحليل المضمون. خطوات إنجاز البحث الكمي، بدء من اختيار الموضوع، إلى وضع الإشكالية، إلى صياغة فرضيات البحث وتساؤلاته، وتحديد المفاهيم والمصطلحات، و الأدبيات السابقة، ومختلف أشكال توثيق البحث.
جمع المعلومات والبيانات وتحليلها من خلال التعريف بالملاحظة وأنواعها، ومجتمع البحث، و المعاينة وطرائق اختيارها وأنواعها، وأساليب القياس في بحوث الإعلام والاتصال الاستبيان وصياغته وإخراجه وتفريغ معلوماته والمقابلة بمختلف أشكالها، ومعادلات الصدق والثبات. كما يقدم نماذج تطبيقية من البحوث التي ينجزها الطلبة ويناقشها ويقومها قصد الاستفادة منها.

اسـم المسـاق : شبكات التواصل الاجتماعي (COM 422)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مدخل الى الاتصال الجماهيري(COM 100)

يهدف هذا المقرر إلى تعريف الطلبة بمفهوم شبكات الإعلام الاجتماعي ونشأتها التاريخية في إطار تكنولوجيا Web 2.0 والاتصالات اللاسلكية والهاتفية المتنقلة، كما يتعرض لأنواع قنوات الاتصال الاجتماعي وتوظيفاتها الإعلامية والتسويقية واستخداماتها في العلاقات العامة، ويتضمن تطبيقات عملية لهذه الشبكات في العلاقات العامة والعلاقات مع وسائل الإعلام والجماهير .

اسـم المسـاق : مبادئ العلاقات العامة (PRL 231)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مدخل الى الاتصال الجماهيري(COM 100)

يتناول المساق مفهوم العلاقات العامة في المجتمعات الحديثة ، ووظائف العلاقات العامة في المنظمات المختلفة، كما يستعرض التطور التاريخي للعلاقات العامة، ويقدم نماذج العلاقات العامة، وخصائص ممارسي العلاقات العامة، ومحددات الممارسات الجيدة للعلاقات العامة، أخلاقيات العلاقات العامة.

اسـم المسـاق : الكتابة للعلاقات العامة (PRL 233)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : الكتابة الاعلامية (COM 105)

يسعى هذا المساق لشرح وتحليل أشكال وأنماط الكتابة للعلاقات العامة باعتبارها وسيلة أساسية يستخدمها رجل العلاقات العامة في تعامله مع أخبار وأنشطة وفعاليات المنظمة.
كما يهدف هذا المساق إلى تزويد الطالب بمختلف المعارف النظرية والتطبيقية المتعلقة بفنون الكتابة للعلاقات العامة، ومن ذلك مثلا: كتابة الخطب، والرسائل الإدارية، وإعداد وتصميم الكتيبات الإعلامية، وكتابة البيانات الصحفية، والمذكرات والتقارير والخطابات. إضافة إلى ذلك، يسعى هذا المساق إلى تمكين الطالب من ممارسة وتطبيق مختلف المهارات والمعارف ذات الصلة بالكتابة للعلاقات العامة.

اسـم المسـاق : الاتصال التنظيمي (PRL 239)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول المساق المفاهيم الاساسية في الاتصال التنظيمي، نماذج ومستويات الاتصال التنظيمي، أدوات الاتصال داخل المنظمات، طرق حل الخلافات ،الاتصالات الراسية والأفقية داخل المنظمات، مصادر الاتصالات في المنظمات. أنماط ووظائف الاتصال التنظيمي في المنظمات المختلفة، الشبكات الإدارية.

اسـم المسـاق : ادارة العلاقات العامة (PRL 325)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مبادئ الادارة (COM 241)

يتناول هذا المساق العلاقات العامة كوظيفة ادارية ويوضح مكانة العلاقات العامة في المنظمة والعوامل المؤثرة على تنظيم ادارة العلاقات العامة وكذلك اساليب تنظيم ادارة العلاقات العامة كما يناقش الفروق الموجودة بين العلاقات العامة العلمية والعملية بالإضافة الى دراسة انواع الجمهور الذي تتعامل معه المؤسسة وربط الاطار العملي بواقع البيئة المحيطة .

اسـم المسـاق : العلاقات العامة الدولية (PRL 340)   **الساعات المعتمدة : (3)**

المتطلبات السابقة : مبادئ العلاقات العامة (PRL 231)

يتناول المساق بالتعريف مفهوم العلاقات العامة الدولية واسباب نشأتها وتطورها ودورها وعلاقاتها بعولمة الاقتصاد والشركات والمستهلك ، كما يتناول المساق التعريف بخصائص العلاقات العامة الدولية وابعادها الثقافية والاجتماعية ومعوقات نجاحها ويقدم حالات ونماذج دراسية عملية في العلاقات العامة الدولية.

اســم المســاق : Media Production for Public Relations (انتاج المواد الاعلامية للعلاقات العامة) (PRL 341)
الساعات المعتمدة : (3)

المتطلبات السابقة : الكتابة للعلاقات العامة (PRL 233)

The course teaches students the basics of media production for public relations. It tackles print production of newsletters, magazines and other publications. It also addresses audio-visual productions like corporate videos and public service announcements in addition to digital forms of media like websites and blogs. The course includes lab and studio-based works and assignments.

اسـم المسـاق : حملات العلاقات العامة (PRL 345)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : الكتابة للعلاقات العامة (PRL 233)

يسعى هذا المساق إلى تقديم مجموعة من المعارف النظرية والتطبيقية ذات الصلة بحملات العلاقات العامة، ومن ذلك مثلا: شرح وتطبيق الخطوات المنهجية التي تعتمد عليها حملات العلاقات العامة: كالتخطيط، والتنظيم، واستخدام وسائل الإعلام والترويج، وتحديد الجمهور المستهدف، وجدولة الحملة، والتقييم، وكتابة التقارير الخاصة بالحملة. كما يسعى هذا المساق إلى تمكين الطالب من تخطيط وتصميم وإنجاز حملات العلاقات العامة نظريا وتطبيقيا.

اسـم المسـاق : التدريب الميداني (PRL 350)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : 90 ساعة

يقضي الطلبة ثمانية أسابيع متواصلة في التدريب في المؤسسات الإعلامية أو أقسام العلاقات العامة تحت إشراف المدرب الميداني وبالتنسيق مع المشرف الأكاديمي. يقوم الطلبة خلال التدريب بإنتاج مواد إعلامية تثبت تفاعلهم مع بيئة التدريب.

اسـم المسـاق : حالات تطبيقية في العلاقات العامة (PRL 406)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : ادارة العلاقات العامة (PRL 325)

يتناول هذا المساق التعريف بالممارسة العملية للعلاقات العامة في المجال المهني ، وتقييم الطلبة لهذه الممارسات سواء في المؤسسات الخاصة أو العامة في دولة الإمارات العربية المتحدة. ويتعرض ينظر المساق للمفاهيم، والتنظيم والإدارة في العلاقات العامة في ظروف مختلفة.

اسـم المسـاق : اتصال الازمات (PRL 409)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : ادارة العلاقات العامة (PRL 325)

يتناول هذا المساق استعراض و تحليل موضوع الازمات التي تتعرض لها المؤسسة وتأثيرها على حياة وصورة المؤسسة و يستعرض الاستراتيجيات الاتصالية المختلفة لإدارة الازمة ومعالجتها اتصاليا ويقدم المساق للطالب مبادئ وقواعد التعامل مع الازمات والخطوات والاجراءات التي تقوم بها المؤسسة قبل واثناء وبعد الازمة مع عرض وتقديم وتحليل ومناقشة امثلة وحالات ملموسة.

اسـم المسـاق : التسويق الاجتماعي (PRL 410)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مبادئ الادارة (COM 313)

يعرف هذا المساق الطالب بأبرز مفاهيم التسويق الاجتماعي و توجهات التسويق الاجتماعي و التحولات الجوهرية في التسويق الاجتماعي و أشكال التسويق الاجتماعي و جوانب الاختلاف بين التسويق الاجتماعي، والتسويق المجتمعي، والتسويق التجاري. كما يتناول المساق فكرة التسويق الاجتماعي و المنافع التي تعود على الجمهور و السلوك المستهدف و عناصر المزيج التسويقي الاجتماعي و أساليب استخدام المزيج التسويقي الاجتماعي لخدمة البرامج والحملات الخاصة بالتسويق الاجتماعي ودور التسويق الاجتماعي في تغيير السلوك وتعزيزه .

اسـم المسـاق : الاتصالات التسويقية المتكاملة (PRL 411)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : حملات العلاقات العامة (PRL 345)

يتناول هذا المساق استعراض و مناقشة وتحليل منهجية الاتصالات التسويقية المتكاملة و أوجه استخداماتها في مجال العلاقات العامة، من خلال توظيف الحملات الإعلامية لبناء علاقات إيجابية مع الجماهير المستهدفة والأطراف ذات العلاقة بالمنظمة. ويناقش المساق عناصر الحملات التسويقية المتكاملة من إعلانات وأنشطة تسويق اجتماعي ومواد اتصالية متنوعة، ومنهجيات تخطيطها وإدارتها وتقييمها، مع نقد وتحليل حالات دراسية وتجارب عملية متنوعة.

اسـم المسـاق : تنظيم الانشطة والفعاليات (PRL 423)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : ادارة العلاقات العامة (PRL 325)

يسعى هذا المساق إلى تقديم مجموعة من المعارف النظرية والتطبيقية ذات الصلة بتنظيم فعاليات العلاقات العامة، ومن ذلك مثلا: شرح وتطبيق الخطوات المنهجية التي تعتمد عليها أقسام العلاقات العامة في إدارة مختلف الفعاليات المحلية والدولية كالتنظيم، واستخدام وسائل الإعلام والترويج، وتحديد الجمهور المستهدف، وجدولة الفعاليات، والتقييم. كما يسعى هذا المساق إلى تمكين الطالب من تنظيم وإدارة فعاليات العلاقات العامة نظريا وتطبيقيا.

اســم المساق: Online Public Relations (العلاقات العامة عبر الانترنت) (PRL 432)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : الكتابة للعلاقات العامة (PRL 233)

The course teaches students the principles and practices of online public relations for different organizations. It discusses websites and portals as major communication platforms for organizations to engage with different publics. The course also teaches students how to provide content in different forms for online public relations functions in the forms of text, video, audio and graphical forms. Social media and blogs are also included in this course.

اســم المساق : مشروع التخرج في العلاقات العامة (PRL 450)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : فصل التخرج

يقوم الطلاب من خلال هذا المساق بتقديم مشروع تخرج في مجال العلاقات العامة تحت إشراف أستاذ المساق ،حيث يتم عرضه أمام لجنة متخصصة في نهاية الفصل لاعتماده بشكل رسمي من قبل القسم ويكون هذا المشروع عبارة عن حملة اعلامية لغرض معين أو حملة تسويقية لفكرة معينة أو حملة اعلانية لمنتج معين . وقد يقوم الطلاب بتنظيم معرضا أو حدثا خاصا.

12.3.8 Bachelor of Law

اســم المساق : المدخل لدراسة القانون (LAW 211)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

ينتاول هذا المساق التعريف بالقانون ونشأته وخصائص القاعدة القانونية وفروع القانون وتقسيمات القاعدة القانونية إلى قواعد آمرة وقواعد مكملة، ومصادر القانون (التشريع والعرف ومبادئ الشريعة الإسلامية ومبادئ العدالة) ، وتفسير القاعدة القانونية ونطاق تطبيقها، ومفهوم الحق وأشخاصه، خصوصاً الشخص الطبيعي من حيث بداية الشخصية القانونية ونهايتها والأهلية والاسم والموطن، ومحل الحق من عقار ومنقول.

اســم المساق : القانون الدستوري و النظم السياسية (LAW 212)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول هذا المساق دراسة مفهوم النظم السياسية وتطور الفكر السياسي ، نشأة فكرة الدولة وتعريفها وخصائصها ووظائفها وأركانها وأشكالها، وتعريف الحكومة وأنواعها وسلطاتها، والفصل بين السلطات، ونظم الحكم، وطبيعة النظام السياسي في السلطنة وحقوق والتزامات الأفراد وأنواع الدساتير وأفضليتها.

اســم المساق : مبادئ علم الإقتصاد (LAW 213)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول هذا المساق التعريف بعلم الاقتصاد ، النظم الاقتصادية: رأسمالي، اشتراكي وإسلامي ، العرض والطلب، المنافسة، والاحتكار ، الدخل القومي، النقود والبنوك.

اســم المساق : مصطلحات قانونية باللغة الإنجليزية 1 (LAW 214)   **الساعات المعتمدة : (1)**
المتطلبات السابقة : لا يوجد

تعريف الطالب بالمصطلحات القانونية باللغة الإنجليزية لفروع القانون المختلفة خصوصاً القانون المدني والجنائي والدستوري ومبادئ الاقتصاد والمدخل لدراسة القانون .

اســم المساق : القانون الدولي العام (LAW 215)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : المدخل لدراسة القانون (LAW 211)

تتناول هذه المادة دراسة التعريف بالقانون الدولي العام وماهيته ، ومصادره، تطوره، طبيعة قواعده، أساس الالتزام ومحيط تطبيقه وتحديد أشخاص القانون الدولي العام والتعريف بحقوقهم وواجباتهم ، خاصة ما يتعلق بالمسئولية الدولية ، والعلاقات الدولية، والدبلوماسية والمعاهدات الدولية والتنظيم الدولي والإقليمي وطرق حل النزاعات الدولية والقواعد القانونية المنظمة لحالات الحرب وانتهاء حالة الحرب، وقواعد الحياد الدولي، وواجبات وحقوق الدول المحايدة.

اســم المساق : المدخل للفقه الإسلامي (LAW 216)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : لا يوجد

يتناول هذا المساق التعريف بالفقه الإسلامي وخصائصه، والأطوار التي مر بها وأسباب الضعف والقوة عبر العصور المختلفة مع التنويه ببعض القواعد الفقهية التي استمر العمل بها واستفادت منها القوانين الوضعية في مختلف المجالات الحياتية، ومصادر الفقه الإسلامي: الكتاب، والسنة النبوية، والإجماع، والقياس، والمصالح المرسلة الاستصحاب.

اســم المســاق : مبادئ القانون الإداري (LAW 217) **الساعات المعتمدة : (3)**
المتطلبات السابقة : المدخل لدراسة القانون (LAW 211)
يتناول هذا المساق التعريف بالقانون الإداري وخصائصه ومصادره وكيفية تنظيم أنشطة الإدارة الرئيسية وخصوصاً الضبط الإداري والمرافق العامة، ووسائل عمل الإدارة مثل القرارات الإدارية والعقود الإدارية والأموال العامة و حمايتها و الوظيفة العامة.

اســم المســاق : مصادر الالتزام الارادية (LAW 221) **الساعات المعتمدة : (3)**
المتطلبات السابقة : المدخل لدراسة القانون (LAW 211)
يتناول هذا المساق دراسة مفهوم الالتزام وأنواعه ونظرية العقد من حيث تعريف العقد وأركانه، التراضي، والإيجاب والقبول، وطرق التعبير عن الإرادة، وعيوب الإرادة، والمحل والسبب، ونسبية أثر العقد، والقوة الملزمة للعقد، ونظرية الظروف الطارئة، والمسئولية العقدية، ونظرية الإرادة المنفردة من حيث مفهومها وأحكامها.

اســم المســاق : قانون الجزاء العام 1 (LAW 222) **الساعات المعتمدة : (3)**
المتطلبات السابقة : المدخل لدراسة القانون (LAW 211)
يتناول هذا المساق التعريف بقانون العقوبات وأهدافه ومضمونه ودراسة النظرية العامة للجريمة من حيث تعريف الجريمة وأركانها وأنواعها، والركن المادي للجريمة والركن المعنوي وصوره، ومبدأ الشرعية، وأسباب الإباحة، وموانع المسئولية الجنائية.

اســم المســاق : مصطلحات قانونية باللغة الإنجليزية 2 (LAW 223) **الساعات المعتمدة : (1)**
المتطلبات السابقة : مصطلحات قانونية باللغة الإنجليزية 1 (LAW 214)
تعريف الطالب بالمصطلحات القانونية باللغة الإنجليزية في بعض فروع القانون مثل قانون التحكيم والملكية الفكرية والقانون البحري والأعمال المصرفية.

اســم المســاق : قانون الجزاء 2 (LAW 224) **الساعات المعتمدة : (3)**
المتطلبات السابقة : قانون الجزاء العام 1 (LAW 222)
يتناول هذا المساق تعريف العقوبة، وخصائصها وأغراضها وتعريف التدابير الاحترازية وخصائصها وأغراضها وأنواع العقوبات وأنواع التدابير الاحترازية، وتنفيذ الجزاء الجنائي والجهات القائمة على تنفيذ الجزاء الجنائي، والمؤسسات العقابية والإصلاحية ومدة تنفيذ العقوبات السالبة للحرية وتنفيذ التدابير الاحترازية والتحديد التشريعي والقضائي لنطاق العقاب وتعدد الأوصاف والجرائم وانقضاء الجزاء الجنائي.

اســم المســاق : مصادر الالتزام غير الارادية (LAW 225) **الساعات المعتمدة : (3)**
المتطلبات السابقة : مصادر الالتزام الارادية (LAW 221)
يتناول هذا المساق التعريف بالالتزام وأنواعه والأحكام العامة للمسئولية التقصيرية، والمسئولية عن الأفعال الشخصية وأركانها ؛ الخطأ والضرر وعلاقة السببية والمسئولية عن فعل الغير، مسئولية المكلف بالرقابة ومسئولية المتبوع عن أفعال تابعة، والمسئولية عن فعل الحيوان وتهدم البناء والأشياء الخطرة ، والفعل النافع وتطبيقاته مثل الإثراء بلا سبب ودفع غير المستحق.

اســم المســاق : قانون الجزاء الخاص (LAW 311) **الساعات المعتمدة : (3)**
المتطلبات السابقة : قانون الجزاء العام2 (LAW 224)
يتناول هذا المساق دراسة الجرائم المضرة بالمصلحة العامة مثل الرشوة واختلاس المال العام والتزوير في المحررات وجرائم الاعتداء على الأموال مثل السرقة والنصب وخيانة الأمانة مع تطبيق خاص لما يسمى بجرائم الكمبيوتر ، وجرائم الاعتداء على الأشخاص مثل الاعتداء على الحق في الحياة وعلى سلامة الجسم وعلى العرض والجرائم الماسة بالشرف والاعتبار.

اســم المســاق : العقود المسماه (LAW 312) **الساعات المعتمدة : (3)**
المتطلبات السابقة : مصادر الالتزام غير الارادية (LAW 225)
يتناول هذا المساق التعريف بالعقود المسماة وتقسيماتها مع التركيز على دراسة بعض العقود ذات الأهمية العملية مثل عقد البيع والإيجار والتأمين والمقاولة من حيث تعريف كل منها وخصائصها وتمييز كل عقد عن غيره، وأركان كل عقد وأثاره ، والتزامات وحقوق كل من الطرفين وطرق الانقضاء

اســم المســاق : احكام الالتزام و الاثبات (LAW 313) **الساعات المعتمدة : (3)**
المتطلبات السابقة : مصادر الالتزام غير الارادية (LAW 225)
يتناول هذا المساق التعريف بالالتزام و أنواعه و كيفية تنفيذه ، التنفيذ الجبري ، التنفيذ الاختياري، الغرامه التهديدية ، الضمان العام ووسائل حمايته ، الدعوى غير المباشرة ، الدعوى المباشرة ، الدعوى البوليصية ، الحق في الحبس، طرق انقضاء الالتزام، و الاحكام العامة للاثبات و طرق الاثبات و خصوصا الاثبات الالكتروني.

اسـم المسـاق : الأحوال الشخصية (LAW 314)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : المدخل للفقه الإسلامي (LAW 216)

يتناول هذا المساق دراسة أحكام الزواج من حيث غايته والحكمة منه ومشروعيته وأساسه، وأحكام الخطبة والعدول عنها، أركان عقد الزواج وشروط انعقاده وصحته ونفاذه ولزومه، أقسام الزواج والآثار المترتبة على كل منها، والطلاق ومشروعيته وحكمته، أنواع الطلاق وصيغته وشروط المطلق والمطلقة، وآثار الطلاق، حقوق الأولاد، طرق النسب، الرضاع والحضانة، والولاية و النفقة بأنواعها.

اسـم المسـاق : مبادئ القانون التجاري (LAW 315)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : المدخل لدراسة القانون (LAW 211)

يتناول هذا المساق التعريف بالقانون التجاري: تاريخه ومصادره واستقلاليته، والأعمال التجارية وأنواعها ومعيار التمييز بين العمل التجاري والمدني، تعريف التاجر وتحديد التزاماته القانونية، الأموال التجارية، وتشمل الملكية الصناعية والمحل التجاري.

اسـم المسـاق : الشركات التجارية و الإفلاس (LAW 321)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مبادئ القانون التجاري (LAW 315)

يتناول هذا المساق دراسة التعريف بالشركات التجارية، والأحكام العامة للشركات من حيث أركان الشركة والشخصية المعنوية للشركة وانقضاء الشركة، والأنواع المختلفة للشركات: شركات الأشخاص والأموال والشركات ذات الطبيعة المختلطة، ومفهوم الإفلاس وأحكامه الآثار المترتبة عليه.

اسـم المسـاق : المواريث و الوصايا (LAW 322)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : الأحوال الشخصية (LAW 314)

يتناول هذا المساق التعريف بالتركة وما يتعلّق بها من حقوق، ومفهوم الوصية وشروطها وأركانها ومبطلاتها وأسس العمل بالوصية الواجبة وتزاحم الوصايا وبطلانها والميراث في الشريعة الإسلامية من حيث ضرورته وأركانه وشروطه والمقارنة بينه وبين غيره من أنظمة المواريث القديمة والحديثة، علاوة على معرفة الوارثين من الرجال والنساء سواء بطريق الفرض، أو العصبة أو الرحم والعول والرد والتخارج وميراث الحمل والمفقود والغرقى وضحايا حوادث السير، كما يتناول أحكام الوقف الشرعي وأثره في التنمية الإجتماعية والعلمية وقضاياه المعاصرة.

اسـم المسـاق : الأعمال المصرفية و الأوراق التجارية (جزء باللغة الإنجليزية) (LAW 323)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مصطلحات قانونية باللغة الإنجليزية 2 (LAW 223) + مبادئ القانون التجاري (LAW 315)

يتناول القسم الأول من هذه المادة تعريف الأوراق التجارية وخصائصها ودراسة سند السحب فيما يتعلّق بشروطه الموضوعية والشكلية، ومقابل الوفاء التداول وتاريخ الاستحقاق وشروطه وحالة رجوع الحامل على موقعي السند وشروطه، وسند الأمر وشروطه الموضوعية والشكلية وكيفية تداوله والأحكام المطبقة عليه، والشيك وشروطه الموضوعية والشكلية وتداوله وكيفية تقديمه للوفاء والرجوع وشروطه وتعدد النسخ والتحريف والتقادم و يتناول القسم الثاني:

- Bank Transactions
- Current Accounts
- Bank Transfers
- Letters of Guaranty
- Documentary and Ordinary Credits

اسـم المسـاق : الاجراءات المدنية و التجارية (LAW 324)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : العقود المسماه (LAW 312)

يتناول هذا المساق دراسة التعريف بقانون الإجراءات المدنية، والتنظيم القانوني للقضاء من حيث تشكيل المحاكم ودرجات التقاضي، ورجال القضاء ومعاونيهم، وقواعد الاختصاص، ونظرية الدعوى، والأحكام القضائية وطرق الطعن فيها.

اسـم المسـاق : قانون العمل و التشريعات الإجتماعية (LAW 325)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : مصادر الالتزام الارادية (LAW 221)

يتناول هذا المساق دراسة ماهية قانون العمل وغايته وخصائصه وتطوره التاريخي وأحكام قانون العمل من حيث بيان مصادره ونطاقه وماهية عقد العمل وأركانه وأنواعه والقيود الواردة على الحرية التعاقدية فيه والأحكام الخاصة بتشغيل الأحداث والنساء والأجانب وحقوق والتزامات أطراف العلاقة العمالية خصوصا الحقوق العمالية وطبيعتها وجزاءات مخالفة نصوص القانون وإصابة العمل، وأسباب انقضاء عقد العمل، وأحكام الضمان الاجتماعي والمعاشات.

اسـم المسـاق : قانون التجارة الدولية (جزء باللغة الإنجليزية) (LAW 411)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : الشركات التجارية و الإفلاس (LAW 321)

يتناول هذا المساق عقود التجارة الدولية، والبيع الدولي للبضائع، وعقود التمويل والقروض، ونقل التكنولوجيا، واتفاقيات التجارة الدولية، اتفاقية فيينا للبيع الدولي للبضائع وقواعد الاعتمادات المستندية وخطاب الضمان وقواعد اليونيرو وقواعد الاختصاص الدولي بشأن منازعات التجارة الدولية والتحكيم الدولي.

اســم المســاق : قانون الدولي الخاص (LAW 412)　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : الاجراءات المدنية و التجارية (LAW 324)

يتناول هذا المساق دراسة القانون الواجب التطبيق على العلاقات الخاصة الدولية من حيث قواعد الإسناد وطبيعتها وخصائصها وتفسيرها، والإحالة وتطبيق القانون الأجنبي وموانع ذلك، وتحديد مجال تطبيق قانون القاضي، ومدى إمكانية تنفيذ الأحكام الأجنبية وأحكام المحكمين.

اســم المســاق : التنفيذ الجبري (LAW 413)　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : الاجراءات المدنية و التجارية (LAW 324)

يتناول هذا المساق دراسة التعريف بالتنفيذ الجبري ووسائل إجبار المدين على التنفيذ، وقاضي التنفيذ واختصاصاته، والسند التنفيذي، محل التنفيذ وشروطه والأموال التي لايجوز الحجز عليها، ومقدمات التنفيذ وإجراءاته وطرقه، ومنازعات التنفيذ، وتوزيع حصيلة التنفيذ.

اســم المســاق : قانون التحكيم الدولي و الداخلي (باللغة الإنجليزية) (LAW 414)　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : مصطلحات قانونية باللغة الإنجليزية2 (LAW 223)

- General Principles
- Meaning
- Alternative Dispute Resolutions
- Types of Arbitration
- Arbitration Agreement
- Arbitral Tribunal
- Formation
- Jurisdiction, Powers and Duties
- Proceedings
- The Award

اســم المســاق : التدريب العملي الداخلي (LAW 415)　　　**الساعات المعتمدة : (2)**
المتطلبات السابقة : اجتياز 90 ساعة معتمدة بنجاح

تدريب الطالب على كيفية كتابة المذكرات والاستشارات القانونية، وصياغة العقود وتسبيب الأحكام القضائية وكتابة حكم التحكيم، وكيفية عرض الآراء وتدعيمها بالحجج الصحيحة من الناحية القانونية والرد عليها.

اســم المســاق : القانون البحري و القانون الجوي(LAW 416)　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : الشركات التجارية و الإفلاس (LAW 321)

تتناول هذه المادة دراسة التعريف بالقانون البحري وأهميته، والسفينة وما يرد عليها من حقوق عينية، وأشخاص الملاحة البحريه، العقود البحرية،و عناصر الملاحة الجوية من حيث تحديد مفهوم الطائره والطاقم والقضاء الجوي و النقل الجوي و المسؤوليه الجويه.

اســم المســاق : التدريب العملي الخارجي (LAW 421)　　　**الساعات المعتمدة : (1)**
المتطلبات السابقة : الأحوال الشخصية (LAW 314) + الاجراءات المدنية و التجارية (LAW 324)

يُعد دليل للتدريب بحيث يشمل التدريب الخارجي والداخلي معاً، على أن يكون كلا منهما مادة مستقلة ويتم التدريب الداخلي بالمحكمة التعليمية بالكلية، والتدريب الخارجي في الجهات القضائية والقانونية المختلفة.

اســم المســاق : الجوانب القانونية للتجارة الإلكترونية باللغة الإنجليزية (LAW 422)　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : مصطلحات قانونية باللغة الإنجليزية 2 (LAW 223) + احكام الالتزام و الاثبات (LAW 313)

يتناول هذا المساق د ا رسة أهمية التجارة الإلكترونية ودورها ومستقبلها وتحديد مفهومها وكيفية حمايتها، والتشفير وتحديد الهوية الرقمية، ووسائل الوفاء الإلكترونية، وضمان الحق في الخصوصية في ظل المعاملات الإلكترونية.
الجوانب القانونية للتجارة الاكترونية
يتناول هذا المساق دراسة أهمية التجارة الإلكترونية ودورها ومستقبلها وتحديد مفهومها وكيفية حمايتها، والتشفير وتحديد الهوية الرقمية، ووسائل الوفاء الإلكترونية، وضمان الحق في الخصوصية في ظل المعاملات الإلكترونية.

اســم المســاق : قانون الاجراءات الجزائية (LAW 423)　　　**الساعات المعتمدة : (3)**
المتطلبات السابقة : قانون الجزاء الخاص (LAW 311)

تتناول هذه المادة د ا رسة الج ا زئية من حيث أط ا رفها واج ا رءاتها والحكم الصادر فيها و ا رعاتها، المركز القانوني للنيابة العامة واختصاصاتها وسلطاتها، حقوق والت ا زمات المتهم، جمع الاستدلالات والتحقيق الابتدائي، سلطات الضبط والتحقيق، التصرف في الدعوى، المحكمة المختصة، وطرق الطعن في الأحكام.

قانون الاجراءات الجزائية

تتناول هذه المادة دراسة الدعوى الجزائية من حيث أطرافها وإجراءاتها والحكم الصادر فيها، المركز القانوني للنيابة العامة واختصاصاتها وسلطاتها، حقوق والتزامات المتهم، جمع الاستدلالات والتحقيق الابتدائي، سلطات الضبط والتحقيق، التصرف في الدعوى، المحكمة المختصة، وطرق الطعن في الأحكام.

اســم المســاق : الحقوق العينية و التبعية (LAW 424)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : احكام الالتزام و الاثبات (LAW 313)

يتناول هذا المساق التعريف بالحقوق العينية الأصلية والتبعيةوخصائصها والتعريف بحق الملكية وعناصره ونطاقه والقيود القانونية والإ اردية الواردة عليه، والملكية الشائعة وقسمتها وملكية الأسرة وأحكامها وملكية الأج ا زء المشتركة وأحكامها، وأسباب كسب الملكية، والحقوق المتفرعة عن حق الملكية وأنواعها وآثارها وأسباب انقضائها، والرهن الرسمي والحيازي من حيث أركانه وآثاره ومضمونه وانقضاؤه، وحقوق الامتياز العامة والخاصة وبيان أنواعها وأحكام كل منها.

الحقوق العينية و التبعية

يتناول هذا المساق التعريف بالحقوق العينية الأصلية والتبعيةوخصائصها والتعريف بحق الملكية وعناصره ونطاقه والقيود القانونية والإرادية الواردة عليه، والملكية الشائعة وقسمتها وملكية الأسرة وأحكامها وملكية الأجزاء المشتركة وأحكامها، وأسباب كسب الملكية، والحقوق المتفرعة عن حق الملكية وأنواعها وآثارها وأسباب انقضائها، والرهن الرسمي والحيازي من حيث أركانه وآثاره ومضمونه وانقضاؤه، وحقوق الامتياز العامة والخاصة وبيان أنواعها وأحكام كل منها.

اســم المســاق : اصول الفقه الإسلامي (LAW 425)   **الساعات المعتمدة : (3)**
المتطلبات السابقة : الأحوال الشخصية (LAW 314)

يتناول هذا المساق د ا رسة تعريف علم الأصول وأهميته، الحكم الشرعي وأنواعه، والحاكم والمحكوم به والمحكوم عليه، تفسير النصوص، وأقسام اللفظ ودلالته، وطرق استباط الأحكام الشرعية.

أصول الفقه الاسلامي

يتناول هذا المساق دراسة تعريف علم الأصول وأهميته، الحكم الشرعي وأنواعه، والحاكم والمحكوم به والمحكوم عليه، تفسير النصوص، وأقسام اللفظ ودلالته، وطرق استباط الأحكام الشرعية.

اســم المســاق : بحث التخرج (LAW 426)   **الساعات المعتمدة : (2)**
المتطلبات السابقة : اجتياز 100 ساعة معتمدة بنجاح

يتناول هذا المساق جز ءين أحدهما نظري والآخر عملي:

- يتضمن الجانب النظري دراسة طرق وأساليب البحث، وكيفية اختيار موضوع البحث ومراحل إعداده، أدوات البحث وكيفية التعرف عليها والبحث فيها، وكيفية إعداد خطة البحث، وإعداد المقدمة والموضوع والخاتمة.

- يتضمن الجانب العملي إعداد الطالب بحثاً قانونياً في التخصص الذي يختاره الطالب، ويتولى القسم العلمي الذي يتبعه موضوع البحث الموافقة على العنوان المقترح للبحث وتعيين مشرفاً له لتوجيه الطالب خلال إعداده للبحث. وبعد الانتهاء من البحث يقوم الطالب بتسليمه للمشرف (ثلاث نسخ على الأقل) قبل بدء الامتحانات النهائية بأسبوعين على الأقل حيث تتم مناقشة البحث في الموعد المحدد من قبل المشرف وعضو هيئة تدريس آخر يختاره القسم العلمي.

اســم المســاق : قانون حماية المستهلك (LAW 231)   **الساعات المعتمدة : (3)**

يتناول هذا المساق دراسة تعريف المستهلك ومبررات حمايته، ومدى كفاية القواعد العامة لحماية المستهلك مثل: عقود الإذعان وخيار الرؤية، ومضمون القواعد الخاصة المقررة لحماية المستهلك خصوصاً حقه في العدول عن العقد خروجاً على القواعد العامة، وبطلان شرط الإعفاء من المسؤولية، والتزام المورد أو المنتج أو البائع بتبصير المشتري، وجزاء مخالفة هذه القواعد.

اســم المســاق : قانون الجنسية و مركز الأجانب (LAW 232)   **الساعات المعتمدة : (3)**

يتضمن هذا المساق التعريف بالجنسيه وبيان انواعها ،ومشكلات تعددها وانعدام الجنسيه، وتطور تشريع النسيه في دولة الامارات العربيه المتحده وطرق اكتساب الجنسيه الاماراتيه وطرق فقدها ،وكيفيه رد الجنسيه واستردادها والاختصاص القضائي بمنازعاتها، وتعريف المقصود بالأجنبي والنظام القانوني لدخول الأجانب الى الدوله واقامتهم وخروجهم منها والحقوق التي يتمتعون بها والواجبات الملقاه عليهم والنظام القانوني للاستثمارات الأجنبيه في دولة الامارات وطرق تسويه منازعاتها.

اســم المســاق : قانون الملكية الفكرية (باللغة الإنجليزية) (LAW 233)   **الساعات المعتمدة : (3)**

1. **Basic concepts:**
   Patents – trademarks- industrial drawings and designs – trade secrets- integrated circuits- unfair competition- trade names and titles- moral and financial rights of authors.
2. **New topics:**
   Domaine names – electronic commerce- software and data bases.
3. **Main international conventions and treaties :**

TRIPS Agreement.

Settlement of disputes related to intellectual property rights and the World Intellectual Property Organization (WIPO).

اســم المســاق : المنظمات الدولية (LAW 234)   **الساعات المعتمدة : (3)**

يتناول هذا المساق التعريف بالمنظمات الدولية ودراسة التطور التاريخي للتنظيم الدولي، والشخصية القانونية للمنظمة الدولية والآثار المترتبة على الاعتراف بها، وسلطات المنظمات الدولية، والمركز القانوني للعاملين في المنظمة الدولية، ودراسة نماذج من المنظمات الدولية والإقليمية مثل منظمة الأمم المتحدة، منظمة المؤتمر الإسلامي، الاتحاد الأوروبي، جامعة الدول العربية، مجلس التعاون لدول الخليج.

اســم المســاق : المالية العامة و التشريع الضريبي (LAW 235)   **الساعات المعتمدة : (3)**

يتناول المساق دراسة موجزة لمفهوم علم المالية العامة وتعريفه وخصائصة ثم دراسة مفصلة للنفقات العامة(من حيث تعريفها وأركانها وأقسامها وآثارها) وللإيرادات العامة (من حيث تعريفها وأقسامها و أنواعها كالضرائب والرسوم) ثم الموازنة العامة ومفهومها وخصائصها ومباتدئها العامة مع التركيز على السياسة المالية في دولة الإمارات العربيه على وجه الخصوص.

اســم المســاق : قانون حماية البيئة (LAW 331)   **الساعات المعتمدة : (3)**

تتناول هذه المساق دراسةماهية حماية البيئة، ومصادره، وموضوعه، وخصائصه، وكيفية مواجهة مشكلات تلوث الهواء والماء والتربة، ومواجهة أخطار المواد والنفايات الخطرة، وإقامة المحميات الطبيعية ورعايتها، بالإضافة إلى التعرف على الجهات المحلية والدولية المختصة بهذه الأمور وقواعد المسؤولية المتعلقة بها..

اســم المســاق : التشريعات الجزائية الخاصة (LAW 332)   **الساعات المعتمدة : (3)**

يختار أستاذ المساق موضوعاً أو أكثر من الموضوعات الآتية أو غيرها:

• جرائم المخدرات.
• جرائم غسيل الأموال.
• جرائم الغش التجاري.
• الجرائم المتعلقة بالإقامة.
• جرائم الأحداث.
• جرائم المرور.
• جرائم التهريب الجمركي.

اســم المســاق : علم الإجرام و علم العقاب (LAW 333)   **الساعات المعتمدة : (3)**

يتناول هذا المساق دراسة التعريف بعلم الإجرام ونشأته وتطوره وعلاقته بالعلوم الجنائية الأخرى والأبحاث الإجرامية من حيث ماهيتها وصعوباتها ووسائلها والأخطاء الشائعة فيها ومشكلة الرقم المظلم والنظريات المفسرة للسلوك الإجرامي والاتجاه التكاملي في تفسير الظواهر الإجرائية والوقاية من الجريمة و المؤسسات العقابية و الغصلاحية و مدة تنفيذ العقوبات السالبة الحرية و تنفيذ التدابير الإحترازية.

AGU Faculty

No.	Faculty Name	Rank	College	Terminal Degree & Area of Specialization	Degree Awarding Institution
1.	Dr. Gerry Nkombo Muuka	Professor/ Dean-COB	COB	PhD - Strategic Management	University of Edinburgh, UK
2.	Dr. Georgia Papadopoulou	Assistant Professor	COB	PhD - Economics	University of Piraeus, Greece
3.	Dr. Mahwish Anjam	Assistant Professor	COB	PhD - Management Science	National University of Modern Languages, Pakistan
4.	Dr. Nasiha Osmanovic	Assistant Professor	COB	PhD - Economic Science	International University Brcko, Bosnia
5.	Dr. Premila Koppalakrishnan	Assistant Professor	COB	PhD - Business Administration	Manonmaniam Sundaranar University, India
6.	Dr. Rahat Ullah Khan	Assistant Professor	COB	PhD - Marketing	KAIST University, South Korea
7.	Dr. Suja Sarah Thomas	Assistant Professor	COB	PhD - Accounting & Financial Management	Annamalai University, India
8.	Dr. Raja Sekhara Mouly Potluri	Associate Professor	COB	PhD - Management	Shivaji University, India
9.	Dr. Mojtaba Moatamedi	Professor/ Dean-CEC	CEC	PhD - Engineering	The University of Sheffield, UK
10.	Dr. Edriss Ahmed Ali Idriss	Associate Professor	CEC	PhD - Communication/ Electronics Engineering	University of New Castle Upon Tyne, UK
11.	Dr. Kahtan Ismail Aziz	Associate Professor	CEC	PhD - Communications/ Systems Engineering	University of Bristol, UK
12.	Dr. Mohammed Asmat Ullah Khan	Associate Professor	CEC	PhD - Electrical & Computer Engineering	The Geogia Institute of Technology, USA
13.	Dr. Muhammad Abaidullah Anwar	Associate Professor	CEC	PhD - Database/ Programming	Kyushu Institute of Technology, Japan
14.	Dr. Rajesh Kanna Parthasarathy	Associate Professor	CEC	PhD - Mechanical Engineering	Indian Institute of Technology Guwahati, India
15.	Dr. Sayed Saeed Ahmed	Associate Professor	CEC	PhD - Computer Science & Engineering	Integral University, India
16.	Dr. Tayeb Basta	Associate Professor	CEC	PhD - Information Engineering	The Victoria University of Manchester, UK
17.	Dr. Aruna Pugalenthi	Assistant Professor	CEC	PhD - Mechanical Engineering	Anna University, India
18.	Dr. Ihab Wattar	Assistant Professor	CEC	PhD - Electrical Engineering	Cleveland State University, USA
19.	Dr. Jia Mao	Assistant Professor	CEC	PhD - Bio-based Materials	University of Freiburg, Germany
20.	Dr. Ramzi Messahel	Assistant Professor	CEC	PhD - Mechanics	University of Lille, France
21.	Dr. Rashmi Rani	Assistant Professor	CEC	PhD - Applied Mathematics	Magadh University, India
22.	Dr. Syed Taimoor Shah	Assistant Professor	CEC	PhD - Bio-Robotics (Cum Laude)	The Bio-Robotics Institute, Italy
23.	Dr. Zakaria Fadi Almoula M. Himat	Assistant Professor	CEC	PhD - Electrical Engineering	University of Glasgow, UK
24.	Dr. Wael Aly Abdelgayed Rashdan	Assistant Professor/ Dean-COAD	COAD	PhD - Applied Arts, Interior Design & Furniture	Helwan University, Cairo, Egypt
25.	Dr. John Yahya Alexander Smith	Professor	COAD	PhD - Architecture and British Landscape Design	University of Aberdeen, UK
26.	Dr. Ahmed Abdellatif Afifi	Assistant Professor	COAD	PhD - Interior Design	Helwan University, Cairo, Egypt
27.	Dr. Dalia Osama Hafiz	Assistant Professor	COAD	PhD - Architecture and Design	Virginia Polytechnic & State University, USA
28.	Dr. Lorenza Di Pilla	Assistant Professor	COAD	PhD - Architecture	University of Cagliari, Italy
29.	Dr. Mai El Basel	Assistant Professor	COAD	PhD - Interior Design and Furniture	Helwan University, Cairo, Egypt
30.	Dr. Yasmeen Gul	Assistant Professor	COAD	PhD - Urban & Regional Planning	University of Technology, Malaysia
31.	Ms. Vrushali Mhatre	Assistant Professor	COAD	MSc - Interior Design	Bangalore University, Bangalore, India
32.	Dr. Habis Mshhour Khalid Al Fawara	Assistant Professor/ Dean-COL	COL	PhD - Criminal Law	University De Poitiers, France
33.	Dr. Radwan Alhabib	Professor	COL	PhD - Law & Social Sciences	University De Poitiers, France
34.	Dr. Malk Ahmad Alzeab	Assistant Professor	COL	PhD - Commercial & Maritime Law	Ain Shams University, Egypt
35.	Dr. Mustafa Mohd Suleiman Al-Husban	Assistant Professor	COL	PhD - Business Law	Granada University, Spain
36.	Dr. Najib Abdul-wahab Ahmad Alfili	Assistant Professor	COL	PhD - Islamic Sharia	Exeter University, UK
37.	Dr. Yassir Al Iftaihat	Assistant Professor	COL	PhD - Private Law	University Lyon II, France
38.	Dr. Yaseen Abdo Saeed Al Maqtari	Associate Professor/ Head-DOE	CESS	PhD - Education	Ain Shams University, Egypt

No.	Faculty Name	Rank	College	Terminal Degree & Area of Specialization	Degree Awarding Institution
39.	Dr. Mukhtar Nour Eldin Osman	Associate Professor	CESS	PhD - Curriculum Planning and Teaching Methodology	Charles University, Prague
40.	Dr. Marwa Mohamed Said	Assistant Professor/ Head-DOMC	CESS	PhD - Political Communication	Minia University, Egypt
41.	Dr. Ghada Thabit Seif	Assistant Professor	CESS	PhD - Media	Cairo University, Egypt
42.	Dr. Shadi Mousa Mohammad Hijazi	Assistant Professor/ Head-DGS	CESS	PhD - English	University Utara Malaysia, Malaysia
43.	Dr. Suhair Eyad Jamal Al Alami	Assistant Professor	CESS	PhD - Applied Linguistic	Aston University, Birmingham, UK
44.	Ms. Azeez Anjum	Lecturer	CESS	MA - English Literature	Nagarjuna University, India
45.	Ms. Nour Okla	Instructor	CESS	MA - TESOL	University of Sharjah, UAE
46.	Ms. Sunayana Manoj	Instructor	CESS	MA - English Language and Literature	University of Mysore, India