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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# AGU Administration

<table>
<thead>
<tr>
<th>No.</th>
<th>Name and Designation</th>
<th>Email Address/Contact Number</th>
<th>Office Location</th>
</tr>
</thead>
<tbody>
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<td>5.</td>
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<td>E-Mail: <a href="mailto:wael@agu.ac.ae">wael@agu.ac.ae</a>  Ext. 400</td>
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<tr>
<td>6.</td>
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<td>7.</td>
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<td>E-mail: <a href="mailto:yassir@agu.ac.ae">yassir@agu.ac.ae</a>  Ext. 463</td>
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<tr>
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</tr>
<tr>
<td>10.</td>
<td>Dr. Rajesh Kanna</td>
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</tr>
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<td>11.</td>
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<td>Department of Mass Communication, First Floor</td>
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<td>Student Services Ground Floor</td>
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</tr>
<tr>
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<td>Library, Second Floor</td>
</tr>
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<td>18.</td>
<td>Raffa Sleiman</td>
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<td>Enrollment and Marketing &amp; Communication Office Ground Floor</td>
</tr>
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<td>Admission Office Ground Floor</td>
</tr>
<tr>
<td>20.</td>
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<td>HR Office Ground Floor</td>
</tr>
<tr>
<td>21.</td>
<td>Eng. Obadah Jirun</td>
<td>E-Mail: <a href="mailto:obadah.jirun@agu.ac.ae">obadah.jirun@agu.ac.ae</a>  Ext. 211/224</td>
<td>Facilities Office Ground Floor</td>
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</table>
# Academic Calendar (2020-21)

<table>
<thead>
<tr>
<th>Sem</th>
<th>Week</th>
<th>Month</th>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
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<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
<th>Dates and Events</th>
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<tbody>
<tr>
<td>Fall 2020</td>
<td>1</td>
<td>Aug</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td>Aug 23, Return of the faculty; Aug 31, Orientation and registration for new students.</td>
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<td></td>
<td>2</td>
<td>Sep</td>
<td>30</td>
<td>31</td>
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<td>4</td>
<td>5</td>
<td>Aug 30, Classes begin.</td>
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<td>Oct</td>
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<td>7</td>
<td>8</td>
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<td>11</td>
<td>12</td>
<td>Sep 6, Last day for add and drop.</td>
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<td>Oct</td>
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<td>18</td>
<td>19</td>
<td>Sep 13, Last day for drop only; (Last day for new admission in Fall 20-21).</td>
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<td>6</td>
<td>7</td>
<td>Nov 8, Last day for withdrawal without grade &quot;F&quot;.</td>
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<td>14</td>
<td>Nov 15, Early Registration for students returning in winter 20-21.</td>
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<td>Jan</td>
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<td>Winter 2021, Declination of semester-end exam results.</td>
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<td>1</td>
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<td>4</td>
<td>5</td>
<td>Jan 3, Classes begin.</td>
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<td></td>
<td>16</td>
<td>Feb</td>
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<td>7</td>
<td>8</td>
<td>9</td>
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<td>11</td>
<td>12</td>
<td>Jan 10, Last day for add and drop.</td>
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<td>Jan 17, Last day for drop only; (Last for new admission in winter 20-21).</td>
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<td>Mar 14, Last day for withdrawal without grade &quot;F&quot;.</td>
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<td>10</td>
<td>Mar 21, Apr 3, SPRING BREAK.</td>
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<td>24</td>
<td>Mar 18-22, In class review week.</td>
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<td>Apr</td>
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<td>31</td>
<td>Apr 22-May 1, Semester-end exam period.</td>
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<td>6</td>
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<td>Apr 22-May 1, Spring Break.</td>
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<tr>
<td>Summer 2021</td>
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<td>May</td>
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<td>16</td>
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<td>21</td>
<td>May 5, Declaration of semester-end exam results.</td>
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<td>28</td>
<td>May 9, Classes begin, (May 13 – 15 Eid Al-Fitr).</td>
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<td>May 16, Last day for add and drop.</td>
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<td>11</td>
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<td>May 23, Last day for drop only.</td>
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<td>17</td>
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<td>19</td>
<td>Jun 3, Early registration closes for students returning in Fall 20-21.</td>
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<td>Jun</td>
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<td>26</td>
<td>June 13, Faculty leaves begins.</td>
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<td>Jul</td>
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<td>29</td>
<td>30</td>
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<td>Jun 20, Last day for withdrawal without grade &quot;F&quot;; Jun 20-24, Student feedback survey.</td>
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<td>July 5-10, Semester-end exam period.</td>
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<td>Jul 14, Declaration of semester-end exam results.</td>
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<td>Aug</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Aug</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
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<tr>
<td></td>
<td>15</td>
<td>Aug</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
<td></td>
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<tr>
<td></td>
<td>16</td>
<td>Aug</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aug 23, Return of the faculty.</td>
</tr>
</tbody>
</table>

Color Key:
- **Add and drop**: Last day for withdrawal without grade "F".
- **Classes begin**: 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, especially 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 since 19th August, 2020 by the Ministry of Education of the United Arab Emirates to award degrees/qualifications in higher education.
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:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Volumes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business and Management Studies</td>
<td>3356</td>
</tr>
<tr>
<td>Computing</td>
<td>2065</td>
</tr>
<tr>
<td>Engineering</td>
<td>590</td>
</tr>
<tr>
<td>Applied Sciences</td>
<td>830</td>
</tr>
<tr>
<td>Languages, and Humanities</td>
<td>1130</td>
</tr>
<tr>
<td>Art and Architecture</td>
<td>660</td>
</tr>
<tr>
<td>General Education</td>
<td>1254</td>
</tr>
<tr>
<td>Arabic books</td>
<td>2538</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12423</strong></td>
</tr>
</tbody>
</table>

**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

(e) **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**

<table>
<thead>
<tr>
<th>Ground Floor</th>
<th>First Floor</th>
<th>Second Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Electric Machines Lab</td>
<td>1. General IT Lab I</td>
<td>1. Electronics Lab</td>
</tr>
<tr>
<td>2. Automatic Control and Power Electronics Lab</td>
<td>2. General IT Lab II</td>
<td>2. Research and Simulation Lab</td>
</tr>
<tr>
<td>5. Communications Lab</td>
<td>5. Biology Lab</td>
<td>5. College of Engineering &amp; Computing IT Lab / General IT Lab III</td>
</tr>
<tr>
<td>7. English Language Lab</td>
<td>7. English Lab</td>
<td>7. Interior Design CAD Lab</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8. Interior Design Studio-I</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9. Interior Design Studio-II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10. Interior Design Studio-III</td>
</tr>
<tr>
<td></td>
<td></td>
<td>11. Interior Design Studio-IV</td>
</tr>
<tr>
<td></td>
<td></td>
<td>12. English Lab</td>
</tr>
</tbody>
</table>

(d) **Other Facilities**

<table>
<thead>
<tr>
<th>Ground Floor</th>
<th>First Floor</th>
<th>Second Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Server Room</td>
<td>7. Food Court (Separate seating area for Ladies available)</td>
<td>(Faculty)</td>
</tr>
<tr>
<td>3. Auditorium</td>
<td></td>
<td>9. Faculty Lounge</td>
</tr>
<tr>
<td>4. Boys Activity Room and Gymnasium</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Girls Activity Room</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(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:

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

**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

**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).

<table>
<thead>
<tr>
<th>Specializations for which students are eligible to apply</th>
<th>Track</th>
<th>Additional Terms / Notes</th>
</tr>
</thead>
</table>
| • 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                 | 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                      | 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. |

<table>
<thead>
<tr>
<th>Specializations for which students are eligible to apply</th>
<th>Track</th>
<th>Additional Terms / Notes</th>
</tr>
</thead>
</table>
| • Information Technology                                | General 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. |
| • Management Sciences                                   | Advanced Track - Ministry of Education | |
| • Humanities                                            | Abu Dhabi Education Council Track | |
| • Social Sciences                                       |                                   | |
| • Law                                                   |                                   | |
| • Education                                             |                                   | |
| • Media                                                 |                                   | |
| • Professional Diploma Programs                         |                                   | |

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 in Arabic programs 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.

Entry requirements for the Bachelor of Law program
- A general high school diploma with a rate of 75% for the advanced track or 80% for the general track or its equivalent
- EmSAT score in Arabic (1000)
- The EmSAT test score in English (950) or its equivalent in another approved standardized test (IELTS Academic 4.5 or TOEFL ITP with a score of 450)
- Passing the acceptance tests and personal interviews prepared by law schools

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. AGÜ 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 unavoidable 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

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

*Above fees exclude 5% VAT

Tuition Fees for English Test Preparation (ETP) Courses

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

Notes:

**Above fees exclude 5% VAT

***Price of Level 3 ETP 003 Course includes a one-time IELTS or TOEFL English Language Test Fee

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.

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

****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
(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

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

(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 Students’ Affairs 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) Forger, 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 appealable.

(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 appealable, 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.
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 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.
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 university3. 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 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 includes 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 Academic Misconduct File 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 Academic Misconduct File.

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 observe 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 May 11, 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 Grades

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Description</th>
<th>Included in</th>
<th>Grade Points</th>
<th>Percentages</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Outstanding</td>
<td>Yes</td>
<td>Yes</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>Excellent</td>
<td>Yes</td>
<td>Yes</td>
<td>3.70</td>
</tr>
<tr>
<td>B+</td>
<td>Very Good</td>
<td>Yes</td>
<td>Yes</td>
<td>3.30</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>Yes</td>
<td>Yes</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>Good</td>
<td>Yes</td>
<td>Yes</td>
<td>2.70</td>
</tr>
<tr>
<td>C+</td>
<td>Satisfactory</td>
<td>Yes</td>
<td>Yes</td>
<td>2.50</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>Yes</td>
<td>Yes</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>Below Average</td>
<td>Yes</td>
<td>Yes</td>
<td>1.70</td>
</tr>
<tr>
<td>D+</td>
<td>Poor</td>
<td>Yes</td>
<td>Yes</td>
<td>1.30</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
<td>Yes</td>
<td>Yes</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>Fail</td>
<td>Yes</td>
<td>Yes</td>
<td>0.00</td>
</tr>
<tr>
<td>WF</td>
<td>Withdraw Fail</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>IC</td>
<td>Incomplete</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>P</td>
<td>Pass (for Credit Transfer)</td>
<td>Yes</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>R</td>
<td>Repeated</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
<tr>
<td>#</td>
<td>Not Counted</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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:

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

**Example of GPA Calculation**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Letter</th>
<th>Points</th>
<th>Credit Hours</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>A</td>
<td>4.00</td>
<td>3</td>
<td>12.00</td>
</tr>
<tr>
<td>Computer Application</td>
<td>B+</td>
<td>3.30</td>
<td>3</td>
<td>9.90</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>B</td>
<td>3.00</td>
<td>3</td>
<td>9.00</td>
</tr>
<tr>
<td>Corporate Finance</td>
<td>C</td>
<td>2.00</td>
<td>3</td>
<td>6.00</td>
</tr>
</tbody>
</table>

GPA for Semester = 36.90 / 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:

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

**Example of CGPA Calculation**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Letter</th>
<th>Points</th>
<th>Credit Hours</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td>B+</td>
<td>3.30</td>
<td>3</td>
<td>9.90</td>
</tr>
<tr>
<td>Computer Application</td>
<td>C</td>
<td>2.00</td>
<td>3</td>
<td>6.00</td>
</tr>
<tr>
<td>Introduction to Business</td>
<td>C+</td>
<td>2.30</td>
<td>3</td>
<td>6.90</td>
</tr>
<tr>
<td>Corporate Finance</td>
<td>A</td>
<td>4.00</td>
<td>3</td>
<td>12.00</td>
</tr>
</tbody>
</table>

Total Credit Points = 36.90 + 34.80 = 71.70

1st Semester GPA = 71.70 / 12 = 5.97 Points

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade Letter</th>
<th>Points</th>
<th>Credit Hours</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report Writing</td>
<td>B</td>
<td>3.00</td>
<td>3</td>
<td>9.00</td>
</tr>
</tbody>
</table>

Total Credit Points = 9.00 + 34.80 = 43.80

2nd Semester GPA = 43.80 / 12 = 3.65 Points
<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credits</th>
<th>GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Marketing</td>
<td>A</td>
<td>4.00</td>
<td>3</td>
</tr>
<tr>
<td>Organizational Behavior</td>
<td>A</td>
<td>4.00</td>
<td>3</td>
</tr>
<tr>
<td>Project Management</td>
<td>C</td>
<td>2.00</td>
<td>3</td>
</tr>
</tbody>
</table>

| 2nd Semester GPA       | 39.00 |
|                        | 2nd Semester GPA = 39 ÷ 12 = 3.25 Points |

| Cumulative GPA         | 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:

<table>
<thead>
<tr>
<th>CGPA</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.90 to 4.00</td>
<td>Honors</td>
</tr>
<tr>
<td>3.70 to 3.89</td>
<td>Outstanding</td>
</tr>
<tr>
<td>3.60 to 3.69</td>
<td>Excellent</td>
</tr>
<tr>
<td>3.00 to 3.59</td>
<td>Very Good</td>
</tr>
<tr>
<td>2.50 to 2.99</td>
<td>Good</td>
</tr>
<tr>
<td>2.00 to 2.49</td>
<td>Satisfactory</td>
</tr>
</tbody>
</table>

### 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.
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.

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

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

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.

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.

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.

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

10.17 Feedback to Students

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.

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

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.

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.

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

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

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 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 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.

A.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.
(e) Utilize standards and conventions appropriate to both academic and technical writing.
A.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/or geometric and statistical methods to solve problems.
(c) Apply scientific concepts and methods of inquiry.
(d) Employ critical thinking skills in addressing issues and problems.
(e) Utilize research skills in assignments and projects.
(f) Document sources in at least one standard style of documentation.

A.3. General Education Courses

<table>
<thead>
<tr>
<th>#</th>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Minimum Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENL 101</td>
<td>English Composition</td>
<td>3</td>
<td>None</td>
<td>12</td>
</tr>
<tr>
<td>2</td>
<td>ENL 102</td>
<td>Communication Skills</td>
<td>3</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>ENL 103</td>
<td>Technical Writing</td>
<td>3</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ENL104</td>
<td>Research and Learning Skills</td>
<td>3</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAT 101</td>
<td>General Mathematics</td>
<td>3</td>
<td>None</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>SAT 102</td>
<td>Fundamentals of Statistics</td>
<td>3</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SAT 103</td>
<td>Computer Applications and Technology</td>
<td>3</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>SAT 104</td>
<td>Environmental Studies</td>
<td>3</td>
<td>None</td>
<td>3</td>
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<tr>
<td>9</td>
<td>SAT 105</td>
<td>General Science</td>
<td>3</td>
<td>None</td>
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<td></td>
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<td>UAE Society</td>
<td>3</td>
<td>None</td>
<td>9</td>
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<tr>
<td>11</td>
<td>SAH 102</td>
<td>Islamic Studies</td>
<td>3</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>SAH 103</td>
<td>Reasoning and Critical Thinking</td>
<td>3</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

*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, EMSAT or its established equivalent. The study plan and the exit standards for each of the EPP level are given below:
<table>
<thead>
<tr>
<th>EPP Level</th>
<th>Admission Eligibility Criteria</th>
<th>ETP Courses (non-credit)</th>
<th>Number of General Education (GE) Courses student may register while studying at each level</th>
<th>Minimum Pass Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level-I</td>
<td>Placement Test &lt; 400 TOEFL &lt; 400 IELTS &lt; 4.0 or equivalent</td>
<td>ETP 001</td>
<td>Up to 2 GE Courses Max 6 credits</td>
<td>TOEFL 400 or IELTS 4</td>
</tr>
<tr>
<td>Level-II</td>
<td>Placement Test 400 to &lt; 450 TOEFL 400 to &lt; 450 IELTS 4.0 TO &lt; 4.5 or equivalent</td>
<td>ETP 002</td>
<td>Up to 3 GE Courses Max 9 credits</td>
<td>TOEFL 450 or IELTS 4.5</td>
</tr>
<tr>
<td>Level-III</td>
<td>Placement Test 450 to &lt; 500 TOEFL 450 to &lt; 500 IELTS 4.5 TO &lt; 5 or equivalent</td>
<td>ETP 003</td>
<td>Up to 4 GE courses max 12 credits</td>
<td>TOEFL 500 or IELTS 5</td>
</tr>
</tbody>
</table>

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.

---

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

Bachelor of Business Administration (BBA) with specializations in:
- International Business
- Human Resource Management
- General

A.1. BBA Program Goals

a) Prepare the next generation of business professionals who are equipped with relevant skills and competencies for 21st century global business careers.

b) Provide a multi-functional, multi-perspective and case-driven business education that is anchored around research, innovation, engagement, sustainability and societal impact.

c) Through our multi-disciplinary approaches to teaching, our strong BBA advisory board and our strong internship program, our students will have the experiential learning necessary to make them competent, confident and ethical citizens of the world.

d) Taught by faculty with broad expertise and global experience, the BBA Program aims to broaden the possibilities for life-long learning and knowledge exchange.

e) Provide a holistic learning environment that emphasizes more effective faculty advising as well as professional interaction at the student-faculty, student-student, student-employer and executives on campus levels.

A.2. BBA Program Learning Outcomes

On successful completion of the Bachelor of Business Administration (BBA) Degree, the graduate will be able to:

1) Fundamental Knowledge and Integrative Learning: Demonstrate a fundamental knowledge of the core business disciplines [QFEmirates: Knowledge].

2) Oral Communication Skills: Communicate effectively in a variety of oral business presentation formats [QFEmirates: Skill].

3) Written Communication Skills: Demonstrate high quality written communication skills in a variety of professional business settings [QFEmirates: Skill].

4) Ethical Reasoning: Perform a structured analysis of ethical issues as part of business decision making [QFEmirates: Competence].

5) Global Learning and Diversity: Apply and demonstrate knowledge of the global and multicultural dimensions of 21st Century business [QFEmirates: Competence].

6) Problem Solving and Decision Making: Demonstrate effective problem-solving and decision making skills in a variety of 21st Century business situations [QFEmirates: Skill].

A.3. BBA Degree Requirements

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

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Courses</td>
<td>30</td>
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<tr>
<td>Foundation Courses</td>
<td>33</td>
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<td>Core Courses</td>
<td>36</td>
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<td>Specialization Courses</td>
<td>18</td>
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<tr>
<td>Electives</td>
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### General Education Courses

<table>
<thead>
<tr>
<th>Codes</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>ENL 101</td>
<td>English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENL 102</td>
<td>Communication Skills</td>
<td>3</td>
</tr>
<tr>
<td>ENL 103</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENL 104</td>
<td>Research &amp; Learning Skills</td>
<td>3</td>
</tr>
<tr>
<td>SAT 101</td>
<td>General Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>SAT 103</td>
<td>Computer Applications and Tech.</td>
<td>3</td>
</tr>
<tr>
<td>SAT 104</td>
<td>Environmental Studies</td>
<td>3</td>
</tr>
<tr>
<td>SAT 105</td>
<td>General Science</td>
<td>3</td>
</tr>
<tr>
<td>SAH 101</td>
<td>UAE Society</td>
<td>3</td>
</tr>
<tr>
<td>SAH 102</td>
<td>Islamic Studies</td>
<td>3</td>
</tr>
<tr>
<td>SAH 103</td>
<td>Reasoning and Critical Think.</td>
<td>3</td>
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</table>

### Foundation Courses

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

### Core and Specialization Courses

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

### Specialization – International Business

<table>
<thead>
<tr>
<th>Codes</th>
<th>Specialization – International Business</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSM 401</td>
<td>International Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BSE 402</td>
<td>International Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>BSI 320</td>
<td>International Trade</td>
<td>3</td>
</tr>
<tr>
<td>BSI 330</td>
<td>Global Business Strategy</td>
<td>3</td>
</tr>
<tr>
<td>BSI 403</td>
<td>Special Topics in International Business</td>
<td>3</td>
</tr>
<tr>
<td>BSI 404</td>
<td>International Human Resources Management</td>
<td>3</td>
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</table>

### Specialization – Human Resource Management

<table>
<thead>
<tr>
<th>Codes</th>
<th>Specialization – Human Resource Management</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSH 302</td>
<td>Performance Management</td>
<td>3</td>
</tr>
<tr>
<td>BSH 303</td>
<td>Strategic Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>BSH 304</td>
<td>Staffing and Techniques of Employee Selection</td>
<td>3</td>
</tr>
</tbody>
</table>
BSH 401  Compensation and Benefits Management  3  
BSH 402  Managing Professional Development  3  
BSH 410  Ethics at Workplace  3  

<table>
<thead>
<tr>
<th>Codes</th>
<th>Specialization – General*</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Students will take 9 Credit Hours (3 courses) from each specialization.

**Elective Courses**

<table>
<thead>
<tr>
<th>Codes</th>
<th>*Elective Courses</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSA 410</td>
<td>International Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BSF 410</td>
<td>Special Topics in Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

* **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) from 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 (BSEEE)
(c) Bachelor of Science in Mechanical Engineering (BSME)
A.1. 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) Progressed themselves in solving the diverse and complex computer science and engineering problems across a broad range of application areas.
(b) Advanced themselves in effective use of oral and written communication skills and as a responsible team worker in different roles.
(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.

A.2. 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. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program’s discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program’s discipline.
6. Apply computer science theory and software development fundamentals to produce computing-based solutions.
7. Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
8. 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.

A.3. BSCSE Degree Requirements

(The following BSCSE degree requirement is applicable for the students who admitted in the program before Fall 2019-20 semester.)

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

Undergraduate Catalog © IEPC - AGU 2020
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENL 101</td>
<td>English Composition</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>ENL 102</td>
<td>Communication Skills</td>
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<td>None</td>
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<td>ENL 103</td>
<td>Technical Writing</td>
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<td>None</td>
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<tr>
<td>ENL 104</td>
<td>Research and Learning Skills</td>
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<td>None</td>
</tr>
<tr>
<td>SAH 101</td>
<td>UAE Society</td>
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<td>None</td>
</tr>
<tr>
<td>SAH 102</td>
<td>Islamic Studies</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>SAH 103</td>
<td>Reasoning and Critical Thinking</td>
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<td>None</td>
</tr>
<tr>
<td>SAT 102</td>
<td>Fundamentals of Statistics</td>
<td>3</td>
<td>None</td>
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<tr>
<td>SAT 103</td>
<td>Computer Application and Technology</td>
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<td>SAT 105</td>
<td>General Science</td>
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Mathematics and Basic Sciences Courses

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<tbody>
<tr>
<td>CHM 111</td>
<td>General Chemistry</td>
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<tr>
<td>MAT 111</td>
<td>Calculus I</td>
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<tr>
<td>MAT 112</td>
<td>Calculus II</td>
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<td>MAT 111</td>
</tr>
<tr>
<td>MAT 113</td>
<td>Linear Algebra and Complex Variables</td>
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<td>MAT 111</td>
</tr>
<tr>
<td>MAT 214</td>
<td>Differential Equations</td>
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<td>MAT 112</td>
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<td>CSC 215</td>
<td>Discrete Structures</td>
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<tr>
<td>MAT 216</td>
<td>Introduction to MATLAB</td>
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<td>MAT 113</td>
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<tr>
<td>MAT 317</td>
<td>Probability Theory</td>
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<tr>
<td>PHY 111</td>
<td>Engineering Physics I</td>
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<td>PHY 112</td>
<td>Engineering Physics II</td>
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Fundamental Engineering Courses

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<th>Course Title</th>
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<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 131</td>
<td>Introduction to Programming</td>
<td>3</td>
<td>None</td>
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<tr>
<td>ENG 232</td>
<td>Engineering Graphics</td>
<td>2</td>
<td>SAT 103</td>
</tr>
<tr>
<td>ENG 241</td>
<td>Circuit Analysis I</td>
<td>3</td>
<td>PHY 112</td>
</tr>
<tr>
<td>ENG 251</td>
<td>Digital Logic Design</td>
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<td>SAT 103</td>
</tr>
<tr>
<td>ENG 252</td>
<td>Electronics I</td>
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<td>ENG 241</td>
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<td>ENG 323</td>
<td>Engineering Economics</td>
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<tr>
<td>ENG 343</td>
<td>Signals and Systems</td>
<td>3</td>
<td>MAT 214</td>
</tr>
<tr>
<td>ENG 354</td>
<td>Microprocessor Programming and Interfacing</td>
<td>3</td>
<td>ENG 251</td>
</tr>
<tr>
<td>ENG 425</td>
<td>Social and Ethical Issues in Engineering</td>
<td>2</td>
<td>ENG 323</td>
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BSCSE Core Courses

<table>
<thead>
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<th>Course Title</th>
<th>Credit Hours</th>
<th>Pre-requisite</th>
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</thead>
<tbody>
<tr>
<td>CSE 233</td>
<td>Object Oriented Programming</td>
<td>3</td>
<td>ENG 131</td>
</tr>
<tr>
<td>CSC 210</td>
<td>Data Structures and Algorithm Analysis</td>
<td>3</td>
<td>CSE 233</td>
</tr>
<tr>
<td>CSC 322</td>
<td>Database Systems</td>
<td>3</td>
<td>CSE 233</td>
</tr>
<tr>
<td>CSE 334</td>
<td>Automata and Formal Languages</td>
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<td>CSC 215</td>
</tr>
<tr>
<td>CSE 335</td>
<td>Principles of Operating Systems</td>
<td>3</td>
<td>CSC 210 &amp; ENG 354</td>
</tr>
<tr>
<td>CSE 336</td>
<td>Principles of Programming Languages</td>
<td>3</td>
<td>CSE 334</td>
</tr>
<tr>
<td>CSE 351</td>
<td>Computer Networks</td>
<td>3</td>
<td>CSC 210</td>
</tr>
<tr>
<td>CSE 352</td>
<td>Computer organization</td>
<td>3</td>
<td>ENG 354</td>
</tr>
<tr>
<td>CSE 396</td>
<td>Internship</td>
<td>3</td>
<td>&gt;= 80 Credits, CGPA &gt;=2.0</td>
</tr>
<tr>
<td>CSE 441</td>
<td>Software Engineering</td>
<td>3</td>
<td>CSE 233</td>
</tr>
<tr>
<td>CSE 451</td>
<td>Computer Architecture</td>
<td>3</td>
<td>CSE 352</td>
</tr>
<tr>
<td>CSE 452</td>
<td>Digital System Design</td>
<td>3</td>
<td>CSE 451</td>
</tr>
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<td>CSE 471</td>
<td>Project Management</td>
<td>3</td>
<td>CSE 441</td>
</tr>
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</table>
CSE 497  Senior Year Project Design  3  >= 100 Credits
CSE 498  Graduation Project  3  CSE 497

Subtotal  45

BSCSE Elective Courses (12 Credits)
The student is required to take fours courses (12 credits) from the list of elective courses list in below.

Specialization

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Pre-requisite</th>
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<tbody>
<tr>
<td>CEC 413</td>
<td>Data Mining and Warehousing</td>
<td>3</td>
<td>SAT 102 and CSC 322</td>
</tr>
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<td>CEC 416</td>
<td>Mobile Application Development</td>
<td>3</td>
<td>CSE 351</td>
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<td>CIS 309</td>
<td>Web Application Development</td>
<td>3</td>
<td>CSE 351 and CSE 233</td>
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<td>CSC 410</td>
<td>Advance Databases</td>
<td>3</td>
<td>CSC 322</td>
</tr>
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<td>CSE 443</td>
<td>Software Testing</td>
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<td>CSE 441</td>
</tr>
<tr>
<td>CSE 444</td>
<td>Compiler Design and Implementation</td>
<td>3</td>
<td>CSE 334</td>
</tr>
<tr>
<td>CSE 455</td>
<td>Digital Signal Processing</td>
<td>3</td>
<td>ENG 343</td>
</tr>
<tr>
<td>CSE 456</td>
<td>Data Communication</td>
<td>3</td>
<td>ENG 343</td>
</tr>
<tr>
<td>CSE 461</td>
<td>Computer Security</td>
<td>3</td>
<td>CSC 335</td>
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<tr>
<td>CSE 462</td>
<td>Network Programming</td>
<td>3</td>
<td>CSC 210</td>
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<td>CSE 463</td>
<td>Artificial Intelligence</td>
<td>3</td>
<td>CSE 233</td>
</tr>
<tr>
<td>CSE 472</td>
<td>Special Topics in Computing</td>
<td>3</td>
<td>CSC 322</td>
</tr>
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</table>

(The following BSCSE degree requirement is applicable for the students who admitted in the program in Fall 2019-20 semester and onwards.)

Minimum Number of Semester Credits: 131 Credits
(128 On-Campus credits plus 03 Off-Campus credits)

General Education Courses  30 Credits

Mathematics and Basic Sciences Courses  28 Credits
Fundamental Engineering Courses  21 Credits
CSE Core Courses  42 Credits
Specialization Elective Courses  12 Credits

General Education Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Pre-requisite</th>
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</thead>
<tbody>
<tr>
<td>ENL 101</td>
<td>English Composition</td>
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<td>Communication Skills</td>
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<td>Technical Writing</td>
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<td>UAE Society</td>
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<td>Islamic Studies</td>
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<td>Reasoning and Critical Thinking</td>
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<td>Fundamentals of Statistics</td>
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<td>Computer Application and Technology</td>
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Subtotal  30

Mathematics and Basic Sciences Courses
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<td>CHM 111</td>
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<td>Calculus I</td>
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<td>Calculus II</td>
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<td>MAT 113</td>
<td>Linear Algebra and Complex Variables</td>
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<td>MAT 214</td>
<td>Differential Equations</td>
<td>3</td>
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<td>MAT 216</td>
<td>Introduction to MATLAB</td>
<td>1</td>
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<td>MAT 317</td>
<td>Probability Theory</td>
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<td>PHY 111</td>
<td>Engineering Physics I</td>
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**Subtotal**: 25

**Fundamental Engineering Courses**

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<th>Credit Hours</th>
<th>Pre-requisite</th>
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<tbody>
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<td>ELE 220</td>
<td>Electric Circuits and Devices</td>
<td>3</td>
<td>PHY 112</td>
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<tr>
<td>ENG 131</td>
<td>Introduction to Programming</td>
<td>3</td>
<td>None</td>
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<tr>
<td>ENG 251</td>
<td>Digital Logic Design</td>
<td>3</td>
<td>SAT 103</td>
</tr>
<tr>
<td>ENG 323</td>
<td>Engineering Economics</td>
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<td>None</td>
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<tr>
<td>ENG 343</td>
<td>Signals and Systems</td>
<td>3</td>
<td>MAT 214</td>
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<tr>
<td>ENG 354</td>
<td>Microprocessor Programming and Interfacing</td>
<td>3</td>
<td>ENG 251</td>
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<tr>
<td>ENG 425</td>
<td>Social and Ethical Issues in Engineering</td>
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**Subtotal**: 19

**BSCSE Core Courses**

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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CSC 210</td>
<td>Data Structures and Algorithm Analysis</td>
<td>3</td>
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<tr>
<td>CSC 215</td>
<td>Discrete Structures</td>
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<td>CSC 305</td>
<td>Computer Graphics</td>
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<td>CSE 233</td>
</tr>
<tr>
<td>CSC 322</td>
<td>Database Systems</td>
<td>3</td>
<td>CSE 233</td>
</tr>
<tr>
<td>CSC 335</td>
<td>Principles of Operating Systems</td>
<td>3</td>
<td>CSC 210 &amp; ENG 354</td>
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<tr>
<td>CSE 233</td>
<td>Object Oriented Programming</td>
<td>3</td>
<td>ENG 131</td>
</tr>
<tr>
<td>CSE 334</td>
<td>Automata and Formal Languages</td>
<td>3</td>
<td>CSC 215</td>
</tr>
<tr>
<td>CSE 351</td>
<td>Computer Networks</td>
<td>3</td>
<td>CSC 210</td>
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<tr>
<td>CSE 352</td>
<td>Computer organization</td>
<td>3</td>
<td>ENG 354</td>
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<tr>
<td>CSE 396</td>
<td>Internship</td>
<td>3</td>
<td>&gt;= 80 Credits, CGPA &gt;=2.0</td>
</tr>
<tr>
<td>CSE 441</td>
<td>Software Engineering</td>
<td>3</td>
<td>CSE 233</td>
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<tr>
<td>CSE 451</td>
<td>Computer Architecture</td>
<td>3</td>
<td>CSE 352</td>
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<tr>
<td>CSE 471</td>
<td>Project Management</td>
<td>3</td>
<td>CSE 441</td>
</tr>
<tr>
<td>CSE 497</td>
<td>Senior Year Project Design</td>
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<td>&gt;= 100 Credits</td>
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<tr>
<td>CSE 498</td>
<td>Graduation Project</td>
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<td>CSE 497</td>
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</table>

**Subtotal**: 45

**BSCSE Elective Courses (12 Credits)**
The student is required to take four courses (12 credits) from the list of elective courses list in below.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEC 413</td>
<td>Data Mining and Warehousing</td>
<td>3</td>
<td>SAT 102 and CSC 322</td>
</tr>
<tr>
<td>CEC 416</td>
<td>Mobile Application Development</td>
<td>3</td>
<td>CSE 351</td>
</tr>
<tr>
<td>CSC 410</td>
<td>Advance Databases</td>
<td>3</td>
<td>CSC 322</td>
</tr>
<tr>
<td>CSE 336</td>
<td>Principles of Programming Languages</td>
<td>3</td>
<td>CSE 334</td>
</tr>
<tr>
<td>CSE 443</td>
<td>Software Testing</td>
<td>3</td>
<td>CSE 441</td>
</tr>
<tr>
<td>CSE 444</td>
<td>Compiler Design and Implementation</td>
<td>3</td>
<td>CSE 334</td>
</tr>
<tr>
<td>CSE 445</td>
<td>Web Application Development</td>
<td>3</td>
<td>CSE 351 and CSE 233</td>
</tr>
<tr>
<td>CSE 455</td>
<td>Digital Signal Processing</td>
<td>3</td>
<td>ENG 343</td>
</tr>
<tr>
<td>CSE 456</td>
<td>Data Communication</td>
<td>3</td>
<td>ENG 343</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
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<td>--------------------------------------</td>
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<tr>
<td>CSE 461</td>
<td>Computer Security</td>
<td>3</td>
<td>CSC 335</td>
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<td>Network Programming</td>
<td>3</td>
<td>CSC 210</td>
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<tr>
<td>CSE 463</td>
<td>Artificial Intelligence</td>
<td>3</td>
<td>CSE 233</td>
</tr>
<tr>
<td>CSE 472</td>
<td>Special Topics in Computing</td>
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<td>CSC 322</td>
</tr>
<tr>
<td>CSE 473</td>
<td>Digital Image Processing</td>
<td>3</td>
<td>CSE 233 and MAT 216</td>
</tr>
<tr>
<td>CSE 474</td>
<td>Fuzzy Logic and Neural Networks</td>
<td>3</td>
<td>ENG 343 and MAT 216</td>
</tr>
<tr>
<td>CSE 475</td>
<td>Internet of Things</td>
<td>3</td>
<td>CSE 351</td>
</tr>
</tbody>
</table>

B.1. 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.

B.2. 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.

B.3. 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
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Pre-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENL 101</td>
<td>English Composition</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>ENL 102</td>
<td>Communication Skills</td>
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<td>None</td>
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<td>ENL 103</td>
<td>Technical Writing</td>
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<td>None</td>
</tr>
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<td>ENL 104</td>
<td>Research and Learning Skills</td>
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<td>None</td>
</tr>
<tr>
<td>SAH 101</td>
<td>UAE Society</td>
<td>3</td>
<td>None</td>
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<td>SAH 102</td>
<td>Islamic Studies</td>
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<td>None</td>
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<td>SAH 103</td>
<td>Reasoning and Critical Thinking</td>
<td>3</td>
<td>None</td>
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<td>SAT 102</td>
<td>Fundamentals of Statistics</td>
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<td>SAT 103</td>
<td>Computer Application and Technology</td>
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<td>SAT 105</td>
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**Mathematics and Basic Sciences Courses**

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<th>Course Title</th>
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<td>MAT 111</td>
<td>Calculus I</td>
<td>3</td>
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<tr>
<td>MAT 112</td>
<td>Calculus II</td>
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</tr>
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<td>MAT 113</td>
<td>Linear Algebra and Complex Variables</td>
<td>3</td>
<td>MAT 111</td>
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<td>MAT 214</td>
<td>Differential Equations</td>
<td>3</td>
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<td>MAT 216</td>
<td>Introduction to MATLAB</td>
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<td>MAT 113</td>
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<td>MAT 318</td>
<td>Mathematical Methods</td>
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<td>Probability Theory</td>
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<td>CHM 111</td>
<td>General Chemistry</td>
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<td>Engineering Physics I</td>
<td>3</td>
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</tr>
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<td>PHY 112</td>
<td>Engineering Physics II</td>
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**Fundamental Engineering Courses**

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<td>Engineering Thermodynamics</td>
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<td>ENG 127</td>
<td>Workshop Skills</td>
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<td>ENG 241</td>
<td>Circuit Analysis I</td>
<td>PHY 112</td>
<td>3</td>
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<td>ENG 251</td>
<td>Digital Logic Design</td>
<td>SAT 103</td>
<td>3</td>
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<td>ENG 252</td>
<td>Electronics I</td>
<td>ENG 241</td>
<td>3</td>
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<td>ENG 232</td>
<td>Engineering Graphics</td>
<td>SAT 103</td>
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<td>Circuit Analysis II</td>
<td>ENG 241</td>
<td>3</td>
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<td>ENG 343</td>
<td>Signals and Systems</td>
<td>MAT 214 and MAT 216</td>
<td>3</td>
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<tr>
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<td>Microprocessor Programming and Interfacing</td>
<td>ENG 251</td>
<td>3</td>
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<tr>
<td>ENG 323</td>
<td>Engineering Economics</td>
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<td>ENG 425</td>
<td>Social and Ethical Issues in Engineering</td>
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**BSEE Core Courses**

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<td>EEE 341</td>
<td>Electromechanical Energy Conversion</td>
<td>ENG 242</td>
<td>3</td>
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<tr>
<td>EEE 344</td>
<td>EM Fields and Waves</td>
<td>ENG 242</td>
<td>3</td>
</tr>
<tr>
<td>EEE 361</td>
<td>Measurements and Instrumentation</td>
<td>ENG 242 + ENG 354</td>
<td>3</td>
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<tr>
<td>EEE 396</td>
<td>Internship</td>
<td>&gt;= 80 Credits</td>
<td>3</td>
</tr>
<tr>
<td>EEE 353</td>
<td>Electronics II</td>
<td>ENG 252 + ENG 242</td>
<td>3</td>
</tr>
<tr>
<td>EEE 362</td>
<td>Automatic Control Engineering</td>
<td>ENG 343</td>
<td>3</td>
</tr>
<tr>
<td>EEE 471</td>
<td>Communication Systems</td>
<td>ENG 343</td>
<td>3</td>
</tr>
<tr>
<td>EEE 497</td>
<td>Senior Year Design Project</td>
<td>&gt;=100 Credits and ENG 127</td>
<td>3</td>
</tr>
<tr>
<td>EEE 498</td>
<td>Graduation Project</td>
<td>EEE 497</td>
<td>3</td>
</tr>
<tr>
<td>EEE 472</td>
<td>Digital Signal Processing</td>
<td>ENG 343 + ENG 242</td>
<td>3</td>
</tr>
<tr>
<td>EEE 324</td>
<td>Engineering Management</td>
<td>ENG 323</td>
<td>3</td>
</tr>
<tr>
<td>EEE 455</td>
<td>Digital Systems</td>
<td>ENG 343 + ENG 242</td>
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</table>
## Elective Courses for BSEEEE

<table>
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<td>Fuzzy Logic &amp; Neural Networks</td>
<td>3</td>
<td>ENG 362 &amp; MAT 216</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EEE 443</td>
<td>Electrical Power Engineering</td>
<td>3</td>
<td>EEE 341</td>
</tr>
<tr>
<td>EEE 444</td>
<td>Power System Analysis</td>
<td>3</td>
<td>EEE 443</td>
</tr>
<tr>
<td>EEE 445</td>
<td>High Voltage Engineering</td>
<td>3</td>
<td>EEE 443</td>
</tr>
<tr>
<td>EEE 446</td>
<td>Power Plant Technology</td>
<td>3</td>
<td>EEE 341</td>
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<tr>
<td>EEE 447</td>
<td>Electrical Machine Drives</td>
<td>3</td>
<td>EEE 443</td>
</tr>
<tr>
<td>EEE 448</td>
<td>Renewable Energy Systems</td>
<td>3</td>
<td>EEE 341</td>
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<td>9</td>
<td></td>
</tr>
<tr>
<td>EEE 462</td>
<td>Computer Control</td>
<td>3</td>
<td>EEE 362+ ENG 354</td>
</tr>
<tr>
<td>EEE 463</td>
<td>Programmable Logic Controller</td>
<td>3</td>
<td>EEE 362+ ENG 354</td>
</tr>
<tr>
<td>EEE 464</td>
<td>Process Control</td>
<td>3</td>
<td>EEE 362</td>
</tr>
<tr>
<td>EEE 465</td>
<td>Virtual Instrumentation</td>
<td>3</td>
<td>EEE 361+ ENG 354</td>
</tr>
<tr>
<td>EEE 466</td>
<td>System Identification</td>
<td>3</td>
<td>EEE 362+ ENG 343</td>
</tr>
<tr>
<td>EEE 467</td>
<td>Adaptive Control</td>
<td>3</td>
<td>EEE 362</td>
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<tr>
<td>EEE 473</td>
<td>Digital Communication Systems</td>
<td>3</td>
<td>EEE 471</td>
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<tr>
<td>EEE 474</td>
<td>Electronic Communication Systems Design</td>
<td>3</td>
<td>EEE 471</td>
</tr>
<tr>
<td>EEE 475</td>
<td>Data Communication</td>
<td>3</td>
<td>EEE 471</td>
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<tr>
<td>EEE 476</td>
<td>Communication Networks</td>
<td>3</td>
<td>EEE 475</td>
</tr>
<tr>
<td>EEE 477</td>
<td>Field Theory and Transmission lines</td>
<td>3</td>
<td>EEE 344</td>
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<tr>
<td>EEE 478</td>
<td>Microwave Engineering</td>
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<td>EEE 477</td>
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<tr>
<td>Total</td>
<td></td>
<td>9</td>
<td></td>
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</tbody>
</table>

### C.1. 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.

### C.2. BSME Student Outcomes

Program outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the knowledge, skills, and behaviors that students acquire as they progress through the program. 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

C.3. BSME 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
Mathematics and Basic Science Courses
Core Courses
Elective Courses

Total Credit Hours of the Program: 139 Credit Hours

General Education Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Pre-requisite</th>
</tr>
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<tbody>
<tr>
<td>ENL 101</td>
<td>English Composition</td>
<td>3</td>
<td>None</td>
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<tr>
<td>ENL 102</td>
<td>Communication Skills</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>ENL 103</td>
<td>Technical Writing</td>
<td>3</td>
<td>None</td>
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<tr>
<td>ENL 104</td>
<td>Research and Learning Skills</td>
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<td>None</td>
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<tr>
<td>SAH 101</td>
<td>UAE Society</td>
<td>3</td>
<td>None</td>
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<tr>
<td>SAH 102</td>
<td>Islamic Studies</td>
<td>3</td>
<td>None</td>
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<tr>
<td>SAH 103</td>
<td>Reasoning and Critical Thinking</td>
<td>3</td>
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<tr>
<td>SAT 102</td>
<td>Fundamentals of Statistics</td>
<td>3</td>
<td>None</td>
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<tr>
<td>SAT 103</td>
<td>Computer Application and Technology</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>SAT 105</td>
<td>General Science</td>
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Mathematics and Basic Sciences Courses

<table>
<thead>
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<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>CHM 111</td>
<td>General Chemistry</td>
<td>3</td>
<td>None</td>
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<tr>
<td>PHY 111</td>
<td>Engineering Physics I</td>
<td>3</td>
<td>None</td>
</tr>
<tr>
<td>PHY 112</td>
<td>Engineering Physics II</td>
<td>3</td>
<td>PHY 111</td>
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<tr>
<td>MAT 111</td>
<td>Calculus I</td>
<td>3</td>
<td>None</td>
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<tr>
<td>MAT 112</td>
<td>Calculus II</td>
<td>3</td>
<td>MAT 111</td>
</tr>
<tr>
<td>MAT 113</td>
<td>Linear Algebra and Complex Variables</td>
<td>3</td>
<td>MAT 111</td>
</tr>
<tr>
<td>MAT 214</td>
<td>Differential Equations</td>
<td>3</td>
<td>MAT 112</td>
</tr>
<tr>
<td>MAT 216</td>
<td>Introduction to MATLAB</td>
<td>1</td>
<td>MAT 113</td>
</tr>
<tr>
<td>MEC 340</td>
<td>Numerical Methods in Engineering</td>
<td>3</td>
<td>MAT 216</td>
</tr>
<tr>
<td>MAT 318</td>
<td>Mathematical Methods</td>
<td>3</td>
<td>MAT 214</td>
</tr>
<tr>
<td>MAT 317</td>
<td>Probability Theory</td>
<td>3</td>
<td>SAT 102</td>
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Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
<th>Corequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEC 210L</td>
<td>Engineering Drawing and Workshop</td>
<td>2</td>
<td>None</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credit Hours</td>
<td>Prerequisite</td>
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<tr>
<td>ELE 220</td>
<td>Electric Circuits and Devices</td>
<td>3</td>
<td>PHY 112</td>
<td></td>
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<tr>
<td>MEC 220</td>
<td>Statics</td>
<td>3</td>
<td>PHY 111, MEC 220</td>
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<tr>
<td>MEC 222</td>
<td>Dynamics</td>
<td>3</td>
<td>CHM 111, MEC 220</td>
<td></td>
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<tr>
<td>MEC 230</td>
<td>Materials Science</td>
<td>3</td>
<td>MEC 220, MEC 230</td>
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</tr>
<tr>
<td>MEC 232</td>
<td>Mechanics of Materials</td>
<td>3</td>
<td>MEC 220, MEC 230</td>
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<tr>
<td>MEC 240</td>
<td>Thermodynamics</td>
<td>3</td>
<td>PHY 111</td>
<td></td>
</tr>
<tr>
<td>MEC 242</td>
<td>Fluid Mechanics</td>
<td>3</td>
<td>MAT 112</td>
<td></td>
</tr>
<tr>
<td>MEC 310</td>
<td>Engineering Measurements</td>
<td>3</td>
<td>MEC 240, MEC 242, ELE 220</td>
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<tr>
<td>MEC 312</td>
<td>Mechanical Vibrations</td>
<td>3</td>
<td>MEC 222, MEC 340</td>
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<tr>
<td>MEC 320</td>
<td>Mechanical Design I</td>
<td>3</td>
<td>MEC 232, MEC 210L</td>
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<tr>
<td>MEC 322</td>
<td>Mechanical Design II</td>
<td>3</td>
<td>MEC 320</td>
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<tr>
<td>MEC 330</td>
<td>Manufacturing Processes</td>
<td>3</td>
<td>MEC 232, MEC 210L, MEC 332L</td>
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<tr>
<td>MEC 332L</td>
<td>Materials Science and Manufacturing</td>
<td>2</td>
<td>MEC 210L, MEC 330</td>
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<tr>
<td></td>
<td>Laboratory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEC 342</td>
<td>Heat Transfer</td>
<td>3</td>
<td>MEC 240, MEC 242, MEC 344L</td>
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<tr>
<td>MEC 344L</td>
<td>Thermo Fluids Laboratory</td>
<td>2</td>
<td>MEC 240, MEC 242, MEC 342</td>
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<tr>
<td>MEC 396</td>
<td>Internship</td>
<td>3</td>
<td>≥80 Credits</td>
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<tr>
<td>MEC 346</td>
<td>Energy Systems</td>
<td>3</td>
<td>MEC 342</td>
<td></td>
</tr>
<tr>
<td>MEC 410</td>
<td>System Dynamics and Control</td>
<td>3</td>
<td>MEC 310, MEC 312</td>
<td></td>
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<tr>
<td>MEC 440</td>
<td>Refrigeration and Air Conditioning</td>
<td>3</td>
<td>MEC 346</td>
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<tr>
<td>MEC 441</td>
<td>Advanced Fluid Mechanics</td>
<td>3</td>
<td>MEC 340, MEC 344L</td>
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<tr>
<td>MEC 442</td>
<td>Turbo Machinery</td>
<td>3</td>
<td>MEC 342</td>
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<tr>
<td>MEC 490</td>
<td>Design Project</td>
<td>3</td>
<td>MEC 322, MEC 342</td>
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</table>

**List of Elective Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>MEC 420</td>
<td>Introduction to Robotics</td>
<td>3</td>
<td>MEC 410</td>
</tr>
<tr>
<td>MEC 422</td>
<td>Vehicle Dynamics</td>
<td>3</td>
<td>MEC 312</td>
</tr>
<tr>
<td>MEC 432</td>
<td>Advanced Mechanics of Materials</td>
<td>3</td>
<td>MEC 320</td>
</tr>
<tr>
<td>MEC 434</td>
<td>Composite Materials</td>
<td>3</td>
<td>MEC 320, MEC 340</td>
</tr>
<tr>
<td>MEC 436</td>
<td>Applied Finite Element Analysis</td>
<td>3</td>
<td>MEC 320, MEC 342</td>
</tr>
<tr>
<td>MEC 438</td>
<td>Micro-electromechanical Systems</td>
<td>3</td>
<td>MEC 322</td>
</tr>
<tr>
<td>MEC 444</td>
<td>Internal Combustion Engines</td>
<td>3</td>
<td>MEC 346</td>
</tr>
<tr>
<td>MEC 446</td>
<td>Renewable Energy Systems</td>
<td>3</td>
<td>MEC 346</td>
</tr>
<tr>
<td>MEC 448</td>
<td>Piping Systems</td>
<td>3</td>
<td>MEC 320, MEC 342</td>
</tr>
<tr>
<td>MEC 450</td>
<td>Computational Fluid Dynamics</td>
<td>3</td>
<td>MEC 342</td>
</tr>
<tr>
<td>MEC 452</td>
<td>Fuel Cells</td>
<td>3</td>
<td>MEC 346</td>
</tr>
<tr>
<td>MEC 454</td>
<td>Energy Conservation and Management</td>
<td>3</td>
<td>MEC 346</td>
</tr>
</tbody>
</table>

**D.1. 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

6 AGU has discontinued the BSCIS program and the university no longer accepts any new student in this program. The courses of this program are only being offered to the existing students so that they can complete their studies.
D.2. 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

D.3. 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 203</td>
<td>Fundamentals of Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 205</td>
<td>System Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>CIS 206</td>
<td>Ethical Issues in Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ENG 131</td>
<td>Introduction to Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSE 233</td>
<td>Object Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CSC 215</td>
<td>Discrete Structures</td>
<td>3</td>
</tr>
<tr>
<td>CSC 210</td>
<td>Data Structures and Algorithm Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CSC 211</td>
<td>Managing and Maintaining Computer Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSC 252</td>
<td>Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td>BMT 201</td>
<td>Principles of Management</td>
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Core and Specialization Courses

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<th>Course Title</th>
<th>Credit Hours</th>
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<tr>
<td>CSC 335</td>
<td>Principles of Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSC 305</td>
<td>Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CSE 351</td>
<td>Computer Networks</td>
<td>3</td>
</tr>
<tr>
<td>CSE 441</td>
<td>Software Engineering</td>
<td>3</td>
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<tr>
<td>CSC 322</td>
<td>Database Systems</td>
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<td>CSC 321</td>
<td>Advanced Java Programming</td>
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<tr>
<td>CIS 302</td>
<td>Object Oriented System Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>CSE 471</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS 307</td>
<td>Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIS 309</td>
<td>Web Application Development</td>
<td>3</td>
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<tr>
<td>CIN 301</td>
<td>Internship</td>
<td>3</td>
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<tr>
<td>BAF 301</td>
<td>Accounting and Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>BHR 301</td>
<td>Managing Human Resource</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credit Hours</td>
</tr>
<tr>
<td>------------</td>
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<tr>
<td>BMR 301</td>
<td>Principles of Marketing</td>
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</tr>
<tr>
<td>CSC 410</td>
<td>Advanced Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CSE 443</td>
<td>Software Testing</td>
<td>3</td>
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<tr>
<td>CIS 403</td>
<td>E-Commerce Technologies</td>
<td>3</td>
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<td>CIS 414</td>
<td>Graduation Project</td>
<td>3</td>
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<tr>
<td>CIS 321</td>
<td>Enterprise Architecture</td>
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Elective Courses

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

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)

A.1. 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.

A.2. 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 | 9 credits |

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

### General Education Courses

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**Subtotal** 30

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**Subtotal** 27

### Specialization Courses

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<td>1</td>
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<td>Introduction Interior Design</td>
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<td>Materials in Interior Design</td>
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<td>Building Systems &amp; Regulations</td>
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<td>Interior Design Studio III (Business)</td>
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<td>IDF 208, 304, 305</td>
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<td>18</td>
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<td>Thesis: Interior Design Graduation Project II</td>
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Subtotal 57

**Elective Courses**

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<tr>
<td>1</td>
<td>IDE 330</td>
<td>3D Design</td>
<td>3</td>
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<tr>
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<td>IDE 331</td>
<td>Kitchen and Bathroom Design</td>
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<td>3</td>
<td>IDE 332</td>
<td>Exhibition Design</td>
<td>3</td>
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<td>4</td>
<td>IDE 333</td>
<td>Surface Design</td>
<td>3</td>
<td>IDS 301</td>
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<td>IDE 335</td>
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Subtotal 9

* Shall be selected after approval of Academic Advisor

**B.1. 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.
B.2. 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.

B.3. 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

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<td>Reasoning and Critical Thinking</td>
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**Subtotal** 30

Architecture Courses (113)

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**Subtotal:** 11.6

**Professional Elective Courses (15)**

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<td>ARC 483</td>
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**Subtotal:** 11.6.1

**College of Education and Social Sciences**

11.6.1 **UG Programs Offered** (برامج بكالوريوس التربية المطروحة)

**A. Bachelor of Education**

A.1. **Program Objectives** (أهداف البرنامج)

اهداف برنامج بكالوريوس التربية تخصص معلم مجال اللغة العربية والتربية الإسلامية:

1. إعداد معلم اللغة العربية والتربية الإسلامية لمراحل الأساس إعداداً أكاديمياً وتربوياً وثقافياً.

AGU has discontinued the Bachelor of Education program and the university no longer accepts any new student in this program. The courses of this program are only being offered to the existing students so that they can complete their studies.

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غرس وتعميق الاتجاهات الإيجابية المتعلقة بمهنة التدريس والالتزام بأخلاقياتها.

4. إكساب الطالب المعلم المعارف والمهارات التي تمكنه من فهم وتقييم مدخلات وعمليات ومخرجات العملية التعليمية.

5. تزويد الطالب المعلم التعليمات المرتبطة بمناهج اللغة العربية والتربية الإسلامية بدولة الإمارات العربية المتحدة وكيفية تدريسها.

6. إكساب الطالب المعلم مهارة التخطيط لتدريس الدراسات الإجتماعية بوضوح ودقة، بربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

7. تمكين الطالب المعلم من تقويم نواتج تعلم التلاميذ للأبحاث والمهارات المرتبطة بالدراسات الإجتماعية باستخدام أساليب تقييم متنوعة وموثوقة، قائمة على المعايير ومستويات القياس الواضحة.

8. إكساب الطالب المعلم المهارات البحثية والمهنية اللازمة لإجراء بحوث ودراسات هادفة وتتميز بالصدق والثقة في القضايا التربوية وال-Disposition.

9. تدريب الطالب المعلم على استخدام التقنيات التعليمية الحديثة في تدريس اللغة العربية والتربية الإسلامية.

أ) مخرجات برنامج بكالوريوس التربية تخصص معلم مجال الدراسات الإجتماعية:

1. بعد دراسة هذا البرنامج يتوافق من الطالب/المعلم أن يكون قادرًا على أن:

أ. يخطط وينظم بوضوح ودقة خبرات مناهج الدراسات الإجتماعية بفكرة تناسب واحتياجات التلاميذ في مرحلة التعليم الأساسي.

ج. يستخدم أساليب تربوية فعالة في تنمية مهارات وكفاءات الطلاب، بغرض تنمية مهارات التفكير لديهم.

2. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية بمفاهيم اللغة العربية والتربية الإسلامية.

3. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

4. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

5. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

6. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

7. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

8. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

9. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

10. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

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

1. بعد دراسة هذا البرنامج يتوافق من الطالب/المعلم أن يكون قادرًا على أن:

أ. يخطط وينظم بوضوح ودقة خبرات مناهج الدراسات الإجتماعية بفكرة تناسب واحتياجات التلاميذ في مرحلة التعليم الأساسي.

ج. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

2. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

3. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليب التقويم.

4. يستخدم أساليب تربوية فعالة في تنمية مهارات ومعرفة الطالب في تدريس اللغة العربية والتربية الإسلامية، وربط أهداف الدرس بالمحتوى والأساليب التربوية والأنشطة الجماعية والفردية وأساليб التقويم.
A.3. Degree Requirements

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

<table>
<thead>
<tr>
<th>المتطلبات الجامعية الإجبارية</th>
<th>المتطلبات الكلية</th>
<th>متطلبات تخصص اللغة العربية والدراسات الإسلامية/الدراسات الاجتماعية</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 ساعة معتمدة</td>
<td>36 ساعة معتمدة</td>
<td>60 ساعة معتمدة</td>
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</tbody>
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<table>
<thead>
<tr>
<th>المجموعة (أ) - اللغة الإنجليزية</th>
<th>المجموعة (ب) - علوم وتكنولوجيا</th>
<th>المجموعة (ج) - علوم اجتماعية</th>
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<tbody>
<tr>
<td>لا يوجد 3 ENL 101 English Composition</td>
<td>لا يوجد 3 SAT 102 Bases of the Educational Sciences</td>
<td>لا يوجد 3 SAH 101 Societies</td>
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<tr>
<td>لا يوجد 3 ENL 102 Communication Skills</td>
<td>لا يوجد 3 SAT 103 Computer Applications</td>
<td>لا يوجد 3 SAH 102 Social Studies</td>
</tr>
<tr>
<td>لا يوجد 3 ENL 103 Technical Writing</td>
<td>لا يوجد 3 SAT 105 General Education</td>
<td>لا يوجد 3 SAH 103 Critical Thinking &amp; Decision Making</td>
</tr>
<tr>
<td>لا يوجد 3 Research and Learning Skills</td>
<td>لا يوجد 3 SAH 101 Sociology</td>
<td>لا يوجد 3 EDU 210 Research Methods</td>
</tr>
<tr>
<td>المجموعة (د) - علوم الدراسات الإسلامية/الدراسات الاجتماعية</td>
<td>لا يوجد 3 EDU 201 Educational Psychology</td>
<td>لا يوجد 3 EDU 211 Curriculum &amp; Instruction Method</td>
</tr>
<tr>
<td>لا يوجد 3 EDU 202 Educational Psychology</td>
<td>لا يوجد 3 EDU 203 Language</td>
<td>لا يوجد 3 EDU 212 Curriculum &amp; Instruction Method</td>
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<tr>
<td>لا يوجد 3 EDU 204 Educational Psychology</td>
<td>لا يوجد 3 EDU 204 Language</td>
<td>لا يوجد 3 EDU 213 Curriculum &amp; Instruction Method</td>
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<tr>
<td>لا يوجد 3 English Composition</td>
<td>لا يوجد 3 EDU 206 Language</td>
<td>لا يوجد 3 EDU 211 Curriculum &amp; Instruction Method</td>
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<tr>
<td>لا يوجد 3 Communication Skills</td>
<td>لا يوجد 3 EDU 206 Language</td>
<td>لا يوجد 3 EDU 212 Curriculum &amp; Instruction Method</td>
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<tr>
<td>لا يوجد 3 Technical Writing</td>
<td>لا يوجد 3 EDU 206 Language</td>
<td>لا يوجد 3 EDU 213 Curriculum &amp; Instruction Method</td>
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<tr>
<td>لا يوجد 3 Research and Learning Skills</td>
<td>لا يوجد 3 EDU 206 Language</td>
<td>لا يوجد 3 EDU 211 Curriculum &amp; Instruction Method</td>
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<tr>
<th>المتطلبات الكلية (36 ساعة)</th>
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<tbody>
<tr>
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<td>لا يوجد 3 DAI 301 Arabic Language</td>
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<td>لا يوجد 3 DAI 302 Arabic Grammar</td>
<td>لا يوجد 3 DAI 302 Arabic Grammar</td>
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<td>لا يوجد 3 DAI 303 Arabic Grammar</td>
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<td>لا يوجد 3 DAI 304 Arabic Grammar</td>
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<td>لا يوجد 3 DAI 305 Arabic Grammar</td>
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<td>لا يوجد 3 DAI 302 Arabic Grammar</td>
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<tr>
<td>DAI 302</td>
<td>نحو و صرف (2)</td>
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<td>DAI 303</td>
<td>علم القرآن</td>
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<tr>
<td>DAI 305</td>
<td>السيرة النبوية</td>
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<tr>
<td>DAI 306</td>
<td>البلاغة العربية</td>
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<tr>
<td>DAI 307</td>
<td>علم اللغة</td>
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<tr>
<td>DAI 308</td>
<td>فقه العبادات</td>
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<tr>
<td>DAI 309</td>
<td>الحديث الشريف</td>
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<tr>
<td>DAI 310</td>
<td>فن الكتابة والتعبير</td>
</tr>
<tr>
<td>DAI 311</td>
<td>علم العروض</td>
</tr>
<tr>
<td>DAI 312</td>
<td>التفسير</td>
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<tr>
<td>DAI 313</td>
<td>قصص المقلدات</td>
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<td>DAI 314</td>
<td>الفلسفة العربي</td>
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<tr>
<td>DAI 315</td>
<td>الإسلام وقضايا العصر</td>
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<tr>
<td>DAI 316</td>
<td>يختار الطالب مساقا واحداً مما يلي</td>
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<td>DAE 319</td>
<td>الأدب العباسي</td>
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<td>DAE 320</td>
<td>الأدب العربي الحديث</td>
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<td>DIE 322</td>
<td>تفسير أيات الهالام</td>
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<td>DIE 323</td>
<td>الأدباء في القرآن الكريم</td>
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<td>DIE 324</td>
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<td>علم تاريخ الجزيرة العربية أقدم</td>
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<td>DSS 403</td>
<td>مقاومة في جغرافيا القارة الأفريقية</td>
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<td>DSS 404</td>
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<td>تاريخ دولتين الأموية والعابدية</td>
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<td>تاريخ اليونان والروماني</td>
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<td>DSS 412</td>
<td>تاريخ الأندلس الإسلامي</td>
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<td>تاريخ العرب الحديث والمعاصر</td>
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<td>DSS 414</td>
<td>تاريخ الألمان والمستقبليين</td>
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<td>تطبيق المعلومات الجغرافية والاستشعار</td>
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</tr>
<tr>
<td>DSS 422</td>
<td>جغرافيا الموارد المالية</td>
</tr>
</tbody>
</table>

B. Bachelor of Arts in Public Relations (BAPR)

B.1. Program Objectives

1. تمكين الطلبة من إظهار مستوى مقبول من المعرفة بالنماذج والاتجاهات النظرية في حقل العلاقات العامة وتطبيقها في البحث العلمي والمشاركة المهنية.
2. تمكين الطلبة من التعديل الفعال والموجبة للأفكار والاتجاهات المتعلقة بقضايا العلاقات العامة بأشكال تفاعلية ومتكيفة ومرنة.
3. تمكين الطلبة من تطبيق الأدوات والمنهجيات التقنية في مقاربة أفكار وظواهر العلاقات العامة والظواهر الاجتماعية والاقتصادية على مستوى المهني والعلمي.
4. تعلمطلبة المهارات اللازمة لنظرية وممارسة أخلاقيات العمل الإداري وقوانين و규وشعات الأداء في مجالات

5. إكساب الطلبة القدرة على إنتاج المواد الإعلامية للعلاقات العامة

6. إكساب الطلبة القدرة على إنتاج المواد الإعلامية للعلامات العامة

B.2. Program Learning Outcomes

يتوقع أن يكون الطالب بعد دراسته لبرنامج بكالوريوس الادارات في العلاقات العامة قادراً على:
1. استخدام أدوات التفكير المنطقي في التعامل مع مسائل العلاقات العامة.
2. استيعاب الدوال المناسبة للأفكار والممارسات في مجال العلاقات العامة.
3. تحليل الظروف المرتبطة بالعلاقات العامة باستخدام منهجيات رصينة.
4. رصد اتجاهات وآراء وجهات جمهور المنظمة عبر بحوث واستقصائيات واسعة النطاق، وتمد المنظمة بالمعلومات اللازمة للتعليم المقدم والاتصال الخارجي للخدمة الأهداف المؤسسية.

B.3. Degree Requirements

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

- متطلبات الجامعة الإجبارية (30 ساعة)
  1. اللغة الإنجليزية
     - ENL 101: English Composition (3 ساعة)
  2. إعداد مهارات الاتصال
     - ENL 101: Communication Skills (3 ساعة)
  3. كتابة التحليلية
     - ENL 101: Technical Writing (3 ساعة)
  4. مهارات البحث والتعلم
     - ENL 101: Research and Learning Skills (3 ساعة)
  5. استخدامADINGO
     - ENL 101: ENL 102: Communication Skills (3 ساعة)

- متطلبات البرنامج المساندة (30 ساعة)
  1. علوم وتقنية
     - SAT 101: Digital Media & Industry (5 ساعة)
  2. استخدام компьютер
     - SAT 102: Computer Applications (3 ساعة)
  3. علوم الرسومات المادية
     - SAT 103: Graphics and Imaging (3 ساعة)
  4. استخدام الرسومات المادية
     - SAT 104: Graphics and Imaging (3 ساعة)

- متطلبات التخصص الإجبارية (27 ساعة)
  1. استخدام الرسومات المادية
     - LAW 211: Introduction to Law (3 ساعة)
  2. استخدام الرسومات المادية
     - LAW 212: Business Law (3 ساعة)
  3. استخدام الرسومات المادية
     - LAW 213: Contract Law (3 ساعة)

- متطلبات التخصص الاختيارية (9 ساعة)
  1. استخدام الرسومات المادية
     - SAH 101: Islamic Studies (2 ساعة)
  2. استخدام الرسومات المادية
     - SAH 201: Islamic Studies (2 ساعة)
  3. استخدام الرسومات المادية
     - SAH 301: Islamic Studies (2 ساعة)

- متطلبات البرنامج الم電子郵件 (30 ساعة)
  1. استخدام الرسومات المادية
     - COM 120: Introduction to Communication (3 ساعة)
  2. استخدام الرسومات المادية
     - COM 211: Speech and Debate (3 ساعة)
  3. استخدام الرسومات المادية
     - COM 212: Public Speaking (3 ساعة)
  4. استخدام الرسومات المادية
     - COM 213: Public Speaking (3 ساعة)
### Undergraduate Catalog (30+ Hours)

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<td>COM 228</td>
<td>مدخل إلى علم السياسة</td>
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<td>COM 311</td>
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### College of Law

#### 11.7 Mission (الرسالة)

1. إعداد كوادر قانونية قادرة على المنافسة في سوق العمل و ملاحظة التطورات القانونية داخلية و خارجيا.
2. تزويد الطلاب بالمهارات القانونية النظرية والمهنية اللازمة للمساهمة في حل و فهم القضايا التي تساعد على خدمة المجتمع.
3. تزويد المجتمع بالكفاءات القانونية المتميزة في القطاعين الحكومي و الخاص.
4. إعداد قاعدة علمية قانونية لدى الطالب في مختلف مجالات القانون.

#### 11.7.2 Goals (الغايات)

1. بناء قاعدة علمية قانونية لدى الطالب في مختلف مجالات القانون.
2. تزويد الطالب بالمهارات القانونية النظرية والمهنية اللازمة للمساهمة في حل و فهم القضايا.
3. توسيع الطلاب بالمهارات القانونية النظرية والمهنية اللازمة للمساهمة في حل و فهم القضايا.
4. تزويد الطلاب بالمهارات القانونية النظرية والمهنية اللازمة للمساهمة في حل و فهم القضايا.
5. تعزيز الطلاب بالمهارات القانونية النظرية والمهنية اللازمة للمساهمة في حل و فهم القضايا.
11.7.3 UG Programs Offered (برامج بكالوريوس المطروحة)

Bachelor of Law (بكالوريوس القانون)

A.1. Program Objectives (أهداف البرنامج)

1. Building a scientific legal database for the student in different areas of law.
2. Developing and enhancing the practical aspect of legal science in the student.
3. Development of intellectual and critical thinking of the student.
4. Equipping the student with the ability to prepare scientific research according to a sound scientific method.
5. Planting the spirit of continuous learning in the student.
6. Providing the student with the skills of competitive in the labor market to enhance his effectiveness in organizational operations.
7. Strengthening the student with the best values that a man of the law should abide by throughout his communication in Arab and Islamic values.

A.2. Program Learning Outcomes (مخرجات تعلم البرنامج)

It is expected that the student after studying the Law Bachelor's program:

1. Understanding the basic concepts and principles of law.
2. Comparing the legislative and legal solutions and judicial decisions.
3. Preparing legal rules and legal texts on cases and legal issues.
4. Affairs and expressing through a clear language.
5. Developing research and scientific skills according to the legal research methods.
6. The ability to use information technology in legal work.
7. Exposure to professional ethics.

A.3. Degree Requirements (متطلبات الدرجة العلمية)

In order to be granted a Bachelor of Law degree, the student must complete 133 hours distributed as follows:

- University requirements: 30 hours
- Mandatory special requirement: 94 hours
- Optional special requirement: 9 hours

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<td>A</td>
<td>ENL 102</td>
<td>Communication Skills</td>
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<td>A</td>
<td>ENL 103</td>
<td>Technical Writing</td>
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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 and 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 III.

English Test Preparation III (ETP III)
Pre-requisite: ETP II
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)  
Pre-requisite: None  
(3-3-0)

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)  
Pre-requisite: None  
(3-3-0)

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)  
Pre-requisite: None  
(3-3-0)

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)  
Pre-requisite: None  
(3-3-0)

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)  
Pre-requisite: BSE 201  
(3-3-0)

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) 
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) 
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) 
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) 
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) 
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) 
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) 
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.

**International Business Specialization Courses**

**International Trade (BSI 320)**

*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)**

*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)**

*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)**

*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)**

*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)**  
**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.

**Elective Courses**

**International Accounting (BSA 410)**  
**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)**  
**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.

**12.3.2 Bachelor of Science in Computer Science and Engineering (BSCSE)**

**Calculus I (MAT 111)**  
**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)**  
**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)**  
**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

**Discrete Structures (CSC 215) (3-3-0)**
**Pre-requisite:** NONE
This course covers fundamental concepts in discrete mathematics. The topics covered are; sets, relations, functions, mathematical logic and proofing techniques, counting techniques, permutations, combinations and recurrence relations, recursion, algorithm complexity, graphs and trees.

**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 \( \mu, \sigma^2 \) 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, reading and writing of files, and the mechanics of running, testing, and debugging programs.

**Circuit Analysis I (ENG 241)**

**Pre-requisite:** PHY 112  
(3-2-2)  
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)**

**Pre-requisite:** SAT 103  
(3-2-2)  
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)**

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

**Engineering Graphics (ENG 232)**

**Pre-requisite:** SAT 103  
(2-1-2)  
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)**

**Pre-requisite:** None  
(2-2-0)  
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)**

**Pre-requisite:** MAT 214  
(3-2-2)  
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)**

**Pre-requisite:** ENG 251  
(3-2-2)  
This course covers the foundation of design and development of microprocessor-based system found in robots, automobiles, and industrial control systems. The topics include; organization and overview of microprocessor, registers inside microprocessor, register banks and stack, loop and jump instructions, time delays, I/O programming, addressing modes, arithmetic and logic instructions, timers and counters, serial communication, interrupts, and interfacing peripherals.

**Social and Ethical Issues in Engineering (ENG 425)**

**Pre-requisite:** ENG 323  
(2-2-0)
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.

**Electric Circuits and Devices (ELE 220)**

*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.

**Object Oriented Programming (CSE 233)**

*Pre-requisite: ENG 131 Introductions to Programming*

This course introduces the students to Object-oriented programming via the use of an Object-oriented programming 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 (CSC 210)**

*Pre-requisite: CSE 233 Oriented Programming and CSC 215 Discrete Mathematics*

The course covers data structures and algorithms analysis to solve engineering problems using an object-oriented programming language. The course focuses on basic and essential topics in data structures, including arrays, lists, stacks, queues and trees. The course considers analysis and implementation of algorithms including sorting (shell sort, insertion sort, selection sort, bubble sort, heap sort, merge sort, and quicksort sort), and searching methods (binary search and hashing). Algorithms are presented in iterative and recursion forms.

**Database Systems (CSC 322)**

*Pre-requisite: ENG 131 Introduction to Programming*

This course introduces the fundamental concepts necessary for designing, using, and implementing database systems and database applications. The topics include; database systems concepts and architecture, conceptual data modeling and database design, relational data model and SQL, relational database design by ER to relational mapping, functional dependencies, and normalization for relational databases.

**Computer Networks (CSE 351)**

*Pre-requisite: CSC 210 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 networks such as TCP/IP Internet are explained.

**Principles of Operating Systems (CSC 335)**

*Pre-requisite: CSC 252 Computer organization and CSC 210 Data Structures and Algorithm Analysis*

This course demonstrates the history of the operating systems, concepts, and functions of different types of operating systems. 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 file systems management that includes swapping, paging, virtual memory, and page replacement algorithms.
Internship (CSE 396) (3-0-8 Weeks Work)
Pre-requisite: Finished 80 credit hours and CGPA >= 2.0
This course allows Computer Science and Engineering (CSE) program students to receive a supervised practical work experience where the students shall be able to apply class room knowledge, skills as well as other design and analysis tools in an industrial and professional setting on a topic that is related to the main specializations of the CSE program. This course also allows the students to develop and practice team working, planning, and problem solving skills.

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, and memory and IO devices. The design of simple circuits found in modern computers is discussed.

Computer Graphics (CSC 305) (3-2-2)
Pre-requisite: CSC 233 Object-oriented Programming
The course provides an overview of the computer graphics. Topics covered include an introduction to the basic concepts of computer graphics, 2D and 3D modeling and transformations, viewing transformations, projections. Students will use a standard computer graphics API OpenGL to draw point, line, polyline, polygon and pictures.

Automata and Formal Languages (CSE 334) (3-3-0)
Pre-requisite: CSC 215 Discrete Structures
This course introduces fundamental concepts of theory of automata and formal languages. The topics included are: grammar, finite state automaton, regular expressions, formal languages, pushdown automaton, and Turing machine.

Senior Year Design Project (CSE 497) (3-3-0)
Pre-requisite: >=100 Credits and CSE 441 Software Engineering
This course provides an opportunity to study a computer science and engineering problem from the perspective of system analysis and design experience. It also provides an opportunity to perfect skills of technical writing and oral presentation. Special attention will be paid to professional ethics, marketability, sustainability and the economic and environmental impacts of each design or product.

Software Engineering (CSE 441) (3-3-0)
Pre-requisite: CSE 233
This course is concerned with the study and approaches for the development and documentation of large programming projects, including requirements capture & analysis, specification, design, rudimentary black box testing and maintenance. This course will prepare students for working in teams to develop software model.

Computer Architecture (CSE 451) (3-3-0)
Pre-requisite: CSE 352 Computer Organization
This course provides a strong foundation in the design of modern computer system architecture. Topics include fundamentals of quantitative design and analysis, memory hierarchy design, instruction and data level parallelism, and instruction set principles.

Digital System Design (CSE 452) (3-2-2)
Pre-requisite: CSE 354 Microprocessor Programming and Interfacing
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.

**Project Management (CSE 471)**  
**Pre-requisite: CSE 441 Software Engineering**  
The course introduces the basic concepts of project management. The topics covered are; integration, scope, time, cost, communications, quality, risk, and stakeholder management.

**Graduation Project (CSE 498)**  
**Pre-requisite: CSE 497 Senior Year Design Project**  
In this course students will apply classroom knowledge and skills in computer science and engineering to solve real-world problems and to develop team and project planning skills. Special attention will be paid to professional ethics. Technical communication skills, both written and oral, are engaged during this course.

**Data Mining and Data Warehousing (CEC 413)**  
**Pre-requisite: SAT 102 Fundamentals of Statistics and CSC 322 Database Systems**  
The data is accumulating at incredible rate due the advances in the technology. This course explains the knowledge discovery from the huge data. The topics included are: knowledge discovery process, data preprocessing and its importance, OLAP versus OLTP, data warehousing, association rule mining and correlation, classification and prediction, and cluster analysis.

**Mobile Application Development (CEC 416)**  
**Pre-requisites: CSE 233 Object-oriented Programming**  
This course focuses on providing students with hands-on experience in developing applications for mobile devices using the Android as the platform, including UI design, data persistence. It will teach the use Android Studio, the integrated development environment (IDE) for Android apps, developing mobile web apps using the MVC framework. The course also provides practical coverage of multimedia, search, location, sensor, and account APIs.

**Advanced Database Systems (CSC 410)**  
**Pre-requisite: CSC 322**  
The course introduces the advanced database concepts. The topics included are; SQL and PL/SQL, Client/Server and Internet database environments, data quality and database administration, database backup and recovery, controlling concurrent access, data dictionaries and repositories, data availability, query processing and optimization. Finally, it gives an overview of distributed database systems and object-oriented data models.

**Principles of Programming Languages (CSE 336)**  
**Pre-requisite: CSE 334 Automata and Formal Languages and CSE 233 Object-oriented Programming**  
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.

**Software Testing (CSE 443)**  
**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. Topics covered are: white box, black box testing techniques, path and code
coverage testing, desk checking, test case design and implementation, integration testing, regression testing, usability testing, and test metric formulation

**Compiler Design and Implementation (CSE 444)**  
**Pre-requisite:** CSE 334 Automata and Formal Languages and ENG 131 Introduction to Programming  
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.

**Web Application Development (CSE 445)**  
**Pre-requisite:** CSE 233 Object-oriented Programming  
After brief overview of the World Wide Web, the course explores various internet technologies which are specifically employed in the design and implementation of web applications. The course covers the main languages such as HTML and XHTML for creating Web pages. CSS to control the layout of multiple web pages. JavaScript to code the Web pages. And MySQL and PHP to create databases on the server and write scripts to be executed on the server. Practical activities are carried out on WAMP (Windows, Apache, MySQL, and PHP) which is often used for web development and internal testing.

**Computer Security (CSE 461)**  
**Pre-requisite:** CSC 335 Principles of Operating Systems  
Computer security has become an essential topic with the widespread use of computers and Internet including ecommerce. The course deals with threats, attacks and vulnerabilities of computer systems and counter measures to these risks. The topics covered in this course include cryptography fundamentals, threats and attacks to computer systems, authentication, access control, intrusion detection and prevention, denial of service, and program security. Security planning, legal and ethical aspects related computer security are also discussed.

**Network Programming (CSE 462)**  
**Pre-requisite:** CSE 351 Computer Networks and CSE 233 Object-oriented Programming  
This course equips the students with skills to develop network and distributed programming using Java. It covers, TCP and UDP interface, client and server design. Network applications based on UDP and TCP. Design and implementation using threading and concurrency. Socket programming, RMI, database connectivity, Servlets, Java server pages, Java beans and introduction to Enterprise Java Beans.

**Artificial Intelligence (CSE 463)**  
**Pre-requisite:** CSE 233 Object Oriented Programming  
This course introduces you to the basic concepts and techniques of Artificial Intelligence (AI). It covers intelligent agents, different Search techniques. Logic will be treated as Logic Agents and Propositional Logic, and First-Order Logic. The course also includes knowledge representation and reasoning. And finally, machine learning is introduced with emphasis on neural networks.

**Special Topics in Computing (CSE 472)**  
**Pre-requisite:** Depends on the course offered.  
The course covers selected topics related to the use of new and innovative topics in the field of computing and technologies, management approaches, integration issues, and advances in security technologies. Students will learn about topics chosen based on relevant issues in the computing field. Upon successful course completion, students will demonstrate ability in applying the chosen topic.

*NOTE – the complete course syllabus will be prepared based on the topic(s) selected and will be discussed in the department meeting for its offering.*

**Digital Image Processing (CSE 473)**
Pre-requisite: CSE 233 Object Oriented Programming and MAT 216 Introduction to MATLAB
The course covers selected topics related to the use of new and innovative topics in the field of computing and technologies, management approaches, integration issues, and advances in security technologies. Students will learn about topics chosen based on relevant issues in the computing field. Upon successful course completion, students will demonstrate ability in applying the chosen topic.

NOTE – the complete course syllabus will be prepared based on the topic(s) selected and will be discussed in the department meeting for its offering.

Fuzzy Logic and Neural Networks (CSE 474) (3-2-2)
Pre-requisite: ENG 343 Signal and Systems MAT 216 Introduction to MATLAB
The course covers selected topics related to the use of new and innovative topics in the field of computing and technologies, management approaches, integration issues, and advances in security technologies. Students will learn about topics chosen based on relevant issues in the computing field. Upon successful course completion, students will demonstrate ability in applying the chosen topic.

NOTE – the complete course syllabus will be prepared based on the topic(s) selected and will be discussed in the department meeting for its offering.

Internet of Things (CSE 475) (3-2-2)
Pre-requisite: CSE 351 Computer Networks and CSE 233 Object Oriented Programming
This course introduces students to the concepts and techniques underlying the Internet of Things (IoT). The topics covered are: IoT concepts and connected roads, buildings, and factories, IoT Network Architecture and Design, Engineering IoT Networks, Connecting Smart Objects, IoT Access Technologies, Application Protocols for IoT, Data and Analytics for IoT. The case studies from the industry will also be part of the course.

12.3.3 Bachelor of Science in Electrical and Electronics Engineering (BSEE)

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

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)  
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)  
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)  
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)  
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)  
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.

Signals and Systems (ENG 343)  
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)  
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)  
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 Circuitual 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)**
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)**
Pre-requisite: SAT 102 Fundamentals of Statistics
Probability, definition and basic axioms, Conditional probability, Bayes theorem, independent events, Sampling from population, Discrete Random variable (binomial, hypergeometric, Poisson), Continuous random variable (normal, standard, t-distribution, chi-square distribution), Central limit theory, Estimation by confidence intervals for μ, σ² 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)**
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)**
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)**
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)**
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)**

**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.

**12.3.4 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)**

**Pre-requisite:** CSC 322

The course introduces the advanced database concepts. The topics included are; SQL and PL/SQL, Client/Server and Internet database environments, data quality and database administration, database backup and recovery, controlling concurrent access, data dictionaries and repositories, data availability, query processing and optimization. Finally, it gives an overview of distributed database systems and object-oriented data models.

**Advanced Java Programming (CSC 321)**

**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)**

**Pre-requisite:** CSE 233 Object Oriented Programming

This course introduces you to the basic concepts and techniques of Artificial Intelligence (AI). It covers intelligent agents, different Search techniques. Logic will be treated as Logic Agents and Propositional Logic, and First-Order Logic. The course also includes knowledge representation and reasoning. And finally, machine learning is introduced with emphasis on neural networks.

**Computer Graphics (CSC 305)**

**Pre-requisite:** CSE 233 Object-oriented Programming

The course provides an overview of the computer graphics. Topics covered include an introduction to the basic concepts of computer graphics, 2D and 3D modeling and transformations, viewing transformations, projections. Students will use a standard computer graphics API OpenGL to draw point, line, polyline, polygon and pictures.

**Computer Networks (CSE 351)**

**Pre-requisite:** CSC 210 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 networks such as TCP/IP Internet are explained.

**Computer Organization (CSC 252)**

**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, and 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 Principles of Operating Systems
Computer security has become an essential topic with the widespread use of computers and Internet including e-commerce. The course deals with threats, attacks and vulnerabilities of computer systems and counter measures to these risks. The topics covered in this course include cryptography fundamentals, threats and attacks to computer systems, authentication, access control, intrusion detection and prevention, denial of service, and program security. Security planning, legal and ethical aspects related computer security are also discussed.

Data Structures and Algorithm Analysis (CSC 210) (3-2-2)
Pre-requisite: CSE 233 Oriented Programming and CSC 215 Discrete Mathematics
The course covers data structures and algorithms analysis to solve engineering problems using an object-oriented programming language. The course focuses on basic and essential topics in data structures, including arrays, lists, stacks, queues and trees. The course considers analysis and implementation of algorithms including sorting (shell sort, insertion sort, selection sort, bubble sort, heap sort, merge sort, and quicksort sort), and searching methods (binary search and hashing). Algorithms are presented in iterative and recursion forms.

Data Warehousing and Mining (CEC 413) (3-2-2)
Pre-requisite: SAT 102 Fundamentals of Statistics and CSC 322 Database Systems
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 Introduction to Programming
This course introduces the fundamental concepts necessary for designing, using, and implementing database systems and database applications. The topics include; database systems concepts and architecture, conceptual data modeling and database design, relational data model and SQL, relational database design by ER to relational mapping, functional dependencies, and normalization for relational databases.

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 Structures (CSC 215) (3-3-0)
Pre-requisite: NONE
This course covers fundamental concepts in discrete mathematics. The topics covered are; sets, relations, functions, mathematical logic and proofing techniques, counting techniques, permutations, combinations and recurrence relations, recursion, algorithm complexity, graphs and trees.

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, teamwork 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 Managing 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 233 Object-oriented Programming
This course focuses on providing students with hands-on experience in developing applications for mobile devices using the Android as the platform, including UI design, data persistence. It will teach the use Android Studio, the integrated development environment (IDE) for Android apps, developing mobile web apps using the MVC framework. The course also provides practical coverage of multimedia, search, location, sensor, and account APIs.

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 an Object-oriented programming 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-requisite:** CSC 252 Computer organization and CSC 210 Data Structures and Algorithm Analysis  
This course demonstrates the history of the operating systems, concepts, and functions of different types of operating systems. 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 file systems management that includes swapping, paging, virtual memory, and page replacement algorithms.

**Project Management** (CSE 471)  
(3-2-2)  
**Pre-requisite:** CSE 441 Software Engineering  
The course introduces the basic concepts of project management. The topics covered are; integration, scope, time, cost, communications, quality, risk, and stakeholder management.

**Software Engineering** (CSE 441)  
(3-3-0)  
**Pre-requisite:** CSE 233  
This course is concerned with the study and approaches for the development and documentation of large programming projects, including requirements capture & analysis, specification, design, rudimentary black box testing and maintenance. This course will prepare students for working in teams to develop software model.

**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. Topics covered are: white box, black box testing techniques, path and code coverage testing, desk checking, test case design and implementation, integration testing, regression testing, usability testing, and test metric formulation.

**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)  
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).

12.3.5 Bachelor of Science in Mechanical Engineering (BSME)

General Chemistry (CHM 111)  
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)  
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)  
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)  
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)  
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 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 \( \mu, \sigma^2 \) 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
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

Mechanics of Materials (MEC 232)  (3-3-0)
Pre-requisite: MEC 220 and MEC 230
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: 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 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 and MEC 210L
**Co-requisite:** MEC 332L
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:** MEC 210L
**Co-requisite:** MEC 330
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
**Co-requisite:** MEC 344L
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
**Co-requisite:** MEC 342
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)**  
**Pre-requisite:** MEC 312 and MEC 310  
(3-2-2)  
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)**  
**Pre-requisite:** MEC 346  
(3-3-0)  
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)**  
**Pre-requisite:** MEC 344L and MEC 340  
(3-3-0)  

**Turbomachinery (MEC 442)**  
**Pre-requisite:** MEC 342  
(3-3-0)  
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)**  
**Pre-requisite:** MEC 342 and MEC 322  
(3-1-4)  
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)**  
**Pre-requisite:** PHY 112  
(3-2-2)  
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)**

**Pre-requisite:** MEC 410

(3-3-0)

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)**

**Pre-requisite:** MEC312

(3-3-0)

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)**

**Pre-requisite:** MEC 320

(3-3-0)

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)**

**Pre-requisite:** MEC 340 and MEC 320

(3-3-0)

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)**

**Pre-requisite:** MEC 320 and MEC 342

(3-3-0)

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)**

**Pre-requisite:** MEC 322

(3-3-0)

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)**

**Pre-requisite:** MEC 346

(3-3-0)

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)**

**Pre-requisite:** MEC 346

(3-3-0)

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: MEC 342
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.

12.3.6 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)**  
*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)**  
*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)**  
*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)**  
*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)**  
*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)**  
*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 explore 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 analyze 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)**

**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)**

**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)**

**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)**

**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)**

**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.

12.3.7 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)**

**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)**

**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)**

**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)**

**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 specialization 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.

12.3.8 Bachelor of Education

(EDU 201) Bachelor of Education

Nombre de horas: 3

Conocer y entender las teorías educativas y de diseño, y poder aplicarlas en el contexto del diseño y la gestión del patrimonio cultural.

EDU 202 Bachelor of Education

Nombre de horas: 3

Conocer y entender los principios básicos de la educación, la formación y el desarrollo personal.

EDU 203 Bachelor of Education

Nombre de horas: 3

Conocer y entender los principios básicos de la educación, la formación y el desarrollo personal.

EDU 204 Bachelor of Education

Nombre de horas: 3

Conocer y entender los principios básicos de la educación, la formación y el desarrollo personal.

EDU 205 Bachelor of Education

Nombre de horas: 3

Conocer y entender los principios básicos de la educación, la formación y el desarrollo personal.

EDU 206a Bachelor of Education

Nombre de horas: 3

Conocer y entender los principios básicos de la educación, la formación y el desarrollo personal.

EDU 206b Bachelor of Education

Nombre de horas: 3

Conocer y entender los principios básicos de la educación, la formación y el desarrollo personal.
يهدف هذا المساق إلى مساعدة الدارسين على معرفة الأسس والمفاهيم النظرية والتطبيقية المرتبطة بميدان التربية وأهميتها، ووظائفها، وعمق الأثر الذي يكون في تجربة الأطفال في منصفي تقديم الفقه، والأعمال المنسية، والجنسية، وغيرها، وتعلم الطلاب قواعد اللغة والرحلات والطرق، واساليب التعليم المصاحبة للسياقات التعليمية والفنية، وعمق الأثر الذي يكون في تطوير مهارات التعلم المبكر لحل مشاكل الأطفال ذوي الاحتياجات الخاصة، مركزاً على الجوانب التعليمية، والاقتصادية، والاجتماعية، والفنية، والطبية، والاجتماعية، والاقتصادية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبية، والاجتماعية، والفنية، والطبي...
اسم المساق : نحو و صرف (1) (DAI 302)

الساعات المعتمدة : 3

المتطلبات السابقة : لا يوجد

يتناول المقياس دراسة المغزل والمتنى من الأسماء والأفعال والحرف، وتبني أنواع الإعراب، وعلامات الإعراب والبناء الأمثل، وتزويج الأفعال، وتنويه إلى أنواع النزول، وصيغة الفعل، وصيغة الجملة، وصيغة التسبيح، وصيغة البناء، وصيغة الجملة، وصيغة التسبيح، وصيغة البناء، وصيغة الجملة، وصيغة التسبيح، وصيغة البناء، وصيغة الجملة، وصيغة التسبيح، وصيغة البناء، وصيغة الجملة، وصيغة التسبيح.

اسم المساق : القرآن الكريم (التلاوة والتجويد والحفظ) (DAI 303)

الساعات المعتمدة : 3

المتطلبات السابقة : لا يوجد

يتناول المساق فضل تلاوة القرآن الكريم وحفظه وأدابه، والتفاوت التلاوة والاستعاذة والبسملة وعلم التجويد وأحكامه (أحكام الميم والمرن، والسين، والضاد، والساع، والموصل، والخاتمة، والآية، والجزء، والفصل، والثلث، والثاني من القرآن الكريم، وتطبيقات أحكام علم التجويد على الرسول الصديق، محمد ﷺ، في

اسم المساق : العقيدة الإسلامية (DAI 304)

الساعات المعتمدة : 3

المتطلبات السابقة : لا يوجد

يتناول هذا المساق العقيدة الإسلامية وما يتعلق بها من مفاهيم ومصطلحات، ويركز على أركان الإيمان وأدبياتها، ودراسة الإسلام في تاريخه وحكمه، ونشره، ومدى تطبيقه في الحياة العملية.

اسم المساق : أدب أطفال (DAI 305)

الساعات المعتمدة : 3

المتطلبات السابقة : لا يوجد

يتناول المساق فهم أمهات الأطفال، والمحال التي تتناولها، وبناء الأدبيات التي تتناولها، وصقل قدرتهم وفئاتهم العمرية، وتصنيفها اللغوي والمعرفي، وربطها بتحليلها وعلاقتها بهذا الآداب، بما يمكن من تطبيقها في حالات العملية.

اسم المساق : علوم القرآن (DAI 307)

الساعات المعتمدة : 3

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف القرآن لغة واصطلاحاً، والوحي، والتمييز بين المكي والمدني، والحديث عن نزول القرآن، وبيان أول ما نزل منه وكذلك آخر ما نزل منه، ويشتمل على ركبتين، وآدابه، وفرقه في القرآن، ودراسة الأحداث التي وقعت، وتحليل المواقف التي تواجهها في تلك المرحلة، ودراسة الأدبيات المتعلقة به، ودراسة الأدبيات المتعلقة به، ودراسة الأدبيات المتعلقة به.

اسم المساق : السيرة النبوية (DAI 308)

الساعات المعتمدة : 3

المتطلبات السابقة : لا يوجد

يتناول المساق حياة العرب قبل الإسلام، وسيرة النبي ﷺ، ودراسة الأحداث التي وقعت، وتحليل المواقف التي تواجهها في تلك المرحلة، ودراسة الأدبيات المتعلقة به، ودراسة الأدبيات المتعلقة به، ودراسة الأدبيات المتعلقة به.

اسم المساق : البلاغة العربية (DAI 309)

الساعات المعتمدة : 3

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف اللفظ، وأدبيات جماله، ودراسة النحو، والعربي، ودراسة الأدبيات المتعلقة به، ودراسة الأدبيات المتعلقة به، ودراسة الأدبيات المتعلقة به.
اسم المساق : علم اللغة (DAI 310)

المتطلبات السابقة : لا يوجد

يتناول هذا المساق علم اللغة و его بناء، ومصطلحاته ودلالاته، وأهميته بالنسبة لدارسي اللغة، ودراسة مستويات اللغة الأربعة: الأصوات، الصرف، المعاني، والدراسات. يشمل دراسة اللغة العربية، ونشأة البحث اللغوي، ومبادئ البحث في اللغة، بالإضافة إلى الوقوف على نظريات اللغة عند المحدثين، سوسير، وبوليفيار، وتشومسكي، وغيرهم، والصراع اللغوي واللغويات.

الساعات المحددة : (3)

اسم المساق : فقه العبادات (DAI 311)

المتطلبات السابقة : السيرة النبوية (DAI 308)

يتناول المساق فقه العبادات، وهو دراسة عامة عن الدين الإسلامي أحكامه ومسائله، ويتناول معاملاته المالية المعاصرة (القرض وجائزة الأموال والرسوم) وقضايا العصر، وهو دراسة عامة عن الدين الإسلامي أحكامه ومسائله، ويتناول معاملاته المالية المعاصرة (القرض وجائزة الأموال والرسوم) وقضايا العصر.

الساعات المحددة : (3)

اسم المساق : الحديث الشريف (DAI 312)

المتطلبات السابقة : لا يوجد

يتناول هذا المساق دراسة خمسة عشر حديثاً صحيحاً، منها خمسة أحاديث حفظاً، تتناول موضوعات مختلفة، من بينها: الإيمان، والأداب العامة، والبحث الفكري، والقضايا، والقراءة والقراءة الإنجازية.

الساعات المحددة : (3)

اسم المساق : فن الكتابة والتعبير (DAI 313)

المتطلبات السابقة : لا يوجد

يتناول المساق تنمية مهارات الطالب في نثر النص القديم والحديث، وفهمه واتخاذه منه. والقوة، وإبداعه فيه. والقوة، وإبداعه فيه. يتعلم الطالب الأخطاء اللغوية الشائعة، لتجنبها.

الساعات المحددة : (3)

اسم المساق : علم العروض (DAI 314)

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف علم العروض ومصطلحاته، وأثره في الإبداعات الشعرية، والوقوف على البحور الشعرية، وتفعيلها، وزحافاتها، وعللها، والطرق الشعرية من خلال النماذج والتطبيقات الشعرية المناسبة.

الساعات المحددة : (3)

اسم المساق : التفسير (DAI 315)

المتطلبات السابقة : لا يوجد

يتناول المساق آيات من القرآن الكريم بالدراسة والتفسير، والوقوف على معاني الآيات والأحكام، والدروس المستفادة، وأقوال المفسرين. والبحث الفكري، والقضايا، والقضايا، والقضايا، والقضايا، والقضايا.

الساعات المحددة : (3)

اسم المساق : فقه المعاملات (DAI 316)

المتطلبات السابقة : فقه العبادات (DAI 311)

يتناول المساق المدخل إلى فقه المعاملات، ويتناول أبوابته الفقهية في المعاملات، كالبيع، وحكمه وأركانه، وم.Threading، وشروطه، وبعض المباحث المتعلقة به كالمثل ولائحة الكوال لائحة الكوال، وموضوعات متباينة، وموضوعات متباينة، وموضوعات متباينة، ومعاوقات، وأداب المعاملات، وال دقيقة، ويناقش معاملات التحريض، وعلاقتها، والبحث الفكري، والقضايا، والقضايا، والقضايا، والقضايا.

الساعات المحددة : (3)

اسم المساق : النقد الأدبي (DAI 317)

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف علم النقد لغة واصطلاحاً، وبيان غرضه وأهدافه، ومقاييسه، وفوائده، وعيوبه، وما هي فقه النقد، وعناصر الأدب: الشعر، النثر، الرواية، والدين، والقضايا، وإلغاء النقد، والقضايا، وإلغاء النقد، والقضايا، وإلغاء النقد، والقضايا، وإلغاء النقد، والقضايا، وإلغاء النقد.

الساعات المحددة : (3)

اسم المساق : الإسلام وقضايا العصر (DAI 318)

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف النقد لغة واصطلاحاً، وبيان غرضه وأهدافه، ومقاييسه، وفوائده، وعيوبه، وما هي فقه النقد، وعناصر الأدب: الشعر، النثر، الرواية، والدين، والقضايا، وإلغاء النقد، والقضايا، وإلغاء النقد، والقضايا، وإلغاء النقد، والقضايا، وإلغاء النقد.

الساعات المحددة : (3)
الإسلام ودين الأمن والأمان : دعوة الإسلام إلى الأمن ، موقف الإسلام من الإرهاب ، قيمة الأمن في المفهوم الإسلامي ...

والدين والعلم والتفكير : دعوة الإسلام إلى العلم ، وأنواع العلوم في المفهوم الإسلامي ، فضل العلم والعلماء ، وحكم تعلم العلم ..

والدين والعمران والمدنية والحضارة : يتناول المنظور الإسلامي للعمران والمدنية والحضارة ...

والدين والبيئة : مفهوم البيئة في الإسلام ، دعوة الإسلام إلى حماية البيئة والمحافظة عليها ، علاج المشكلات البيئية في الإسلام...

والتعاون مع الآخر اعتراضاً به وتحاوراً معه.

اسم المساق : الأدب العباسي (DAE 319)

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 على أشعاره وأعماله ببنية الأعمال التي تؤثر في شخصياته وفروعها. إضافة إلى دراسة نماذج متنوعة من نصوص الأدب الشرعي والتنويري، وإبراز جمالياتها وعمقها الفني.

اسم المساق : الأدب العربي الحديث (DAE 320)

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 تجديدته وتطويره، مثل تائف الثقافات، وانتشار الثقافة العربية، ودور الصحافة والنشر والطباعة في هذا الاتجاه. إضافة إلى دراسة الأدب العربي الحديث، وتحليل نماذجه وأهميته في الثقافة العربية.

اسم المساق : الأدب العربي (DAI 301)

يتناول المساق ماهية الأدب العربي، وتطوره في دول الخليج والجزيرة العربية، ورصد اتجاهاته المختلفة وحركات التجديد فيه وطبيعتها، والبيانات، ودراسة الشعر بموضوعاته المختلفة، والتوجهات التراثية، والشعر النبطي من خلال تفاهيمه، ومراحله، وتحليلها.

اسم المساق : تفسير آيات الأحكام (DIE 322)

المتطلبات السابقة : تفسير (DAI 315)

يتناول المساق التعريف بتفسير آيات الأحكام ومناهج المفسرين في ذلك، وأهم الكتب المؤلفة فيه، كما يتناول عددًا من آيات الأحكام الواردة في سورة البقرة من حيث بيان المعنى العام للآيات ومن ثم بيان الأحكام الشرعية التي يمكن أن تستنبل منها مع ذكر الأقوال والراجح بالدليل، وإبراز منهج القرآن في الوجوب والتحريم، وترتيب الثواب والعقاب على الفعل.

اسم المساق : حقوق الطفل في الإسلام (DIE 324)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للإنسان وحقوق الإنسان في الإسلام، وحقوق الطفل في الإسلام قبل الولادة وبعدها، وحقوقه في المواثيق الدولية، وإبراز حقوق الطفل في العالم، ودور الأسرة في نمو الطفل في الإسلام.

اسم المساق : جغرافية الوطن العربي (DSS 401)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للإنسان وحقوق الإنسان في الإسلام، وتعداد الأمم والدول العربية، ودور الأسرة في نمو الطفل في الإسلام، وإبراز حقوق الطفل في المواثيق الدولية.

اسم المساق : تفسير آيات الأحكام (DIE 322)

المتطلبات السابقة : لا يوجد

يتناول المساق التعريف بتفسير آيات الأحكام ومناهج المفسرين في ذلك، وأهم الكتب المؤلفة فيه، كما يتناول عددًا من آيات الأحكام الواردة في سورة البقرة من حيث بيان المعنى العام للآيات ومن ثم بيان الأحكام الشرعية التي يمكن أن تستنبل منها مع ذكر الأقوال والراجح بالدليل، وإبراز منهج القرآن في الوجوب والتحريم، وترتيب الثواب والعقاب على الفعل.

اسم المساق : حقوق الطفل في الإسلام (DIE 324)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للإنسان وحقوق الإنسان في الإسلام، وحقوق الطفل في الإسلام قبل الولادة وبعدها، وحقوقه في المواثيق الدولية، وإبراز حقوق الطفل في العالم، ودور الأسرة في نمو الطفل في الإسلام.

اسم المساق : جغرافية الوطن العربي (DSS 401)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للإنسان وحقوق الإنسان في الإسلام، وتعداد الأمم والدول العربية، ودور الأسرة في نمو الطفل في الإسلام، وإبراز حقوق الطفل في المواثيق الدولية.

اسم المساق : تفسير آيات الأحكام (DIE 322)

المتطلبات السابقة : لا يوجد

يتناول المساق التعريف بتفسير آيات الأحكام ومناهج المفسرين في ذلك، وأهم الكتب المؤلفة فيه، كما يتناول عددًا من آيات الأحكام الواردة في سورة البقرة من حيث بيان المعنى العام للآيات ومن ثم بيان الأحكام الشرعية التي يمكن أن تستنبل منها مع ذكر الأقوال والراجح بالدليل، وإبراز منهج القرآن في الوجوب والتحريم، وترتيب الثواب والعقاب على الفعل.

اسم المساق : حقوق الطفل في الإسلام (DIE 324)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للإنسان وحقوق الإنسان في الإسلام، وحقوق الطفل في الإسلام قبل الولادة وبعدها، وحقوقه في المواثيق الدولية، وإبراز حقوق الطفل في العالم، ودور الأسرة في نمو الطفل في الإسلام.

اسم المساق : جغرافية الوطن العربي (DSS 401)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للإنسان وحقوق الإنسان في الإسلام، وتعداد الأمم والدول العربية، ودور الأسرة في نمو الطفل في الإسلام، وإبراز حقوق الطفل في المواثيق الدولية.

اسم المساق : تفسير آيات الأحكام (DIE 322)

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف الفقه والإسلام وحقوق الإنسان في الإسلام، وحقوق الطفل في الإسلام قبل الولادة وبعدها، وحقوقه في المواثيق الدولية، وإبراز حقوق الطفل في العالم، ودور الأسرة في نمو الطفل في الإسلام.

اسم المساق : جغرافية الوطن العربي (DSS 401)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكريم الإسلام للإنسان وحقوق الإنسان في الإسلام، وتعداد الأمم والدول العربية، ودور الأسرة في نمو الطفل في الإسلام، وإبراز حقوق الطفل في المواثيق الدولية.

اسم المساق : تفسير آيات الأحكام (DIE 322)

المتطلبات السابقة : لا يوجد

يتناول المساق تعريف الفقه والإسلام وحقوق الإنسان في الإسلام، وحقوق الطفل في الإسلام قبل الولادة وبعدها، وحقوقه في المواثيق الدولية، وإبراز حقوق الطفل في العالم، ودور الأسرة في نمو الطفل في الإسلام.

اسم المساق : جغرافية الوطن العربي (DSS 401)

المتطلبات السابقة : لا يوجد

يتناول المساق مظاهر تكرم الإسلام للإنسان وحقوق الإنسان في الإسلام، وحقوق الطفل في الإسلام قبل الولادة وبعدها، وحقوقه في المواثيق الدولية، وإبراز حقوق الطفل في العالم، ودور الأسرة في نمو الطفل في الإسلام.
اسم المساق: مقدمة في جغرافيا القارة الأفريقية (DSS 403)

المتطلبات السابقة: لا يوجد

يتناول المساق العوامل الجغرافية والطبيعية التي تأثرت في تكوين سطح القارة الأفريقية وأهم الظواهر الطبيعية فيها، كما يتناول دراسة انماط توزيع السكان، والموارد الاقتصادية وعلاقتها بالدراسات السياسية لقارة الأفريقية، ويتناول أيضاً جمهورية السودان من ناحية العوامل الجغرافية والمهات الطبيعية والبشرية والمواقع الإقليمية، والمستوى المعيشي، والمجلة العربية المغربية والمملكة المغربية والمملكة العربية السعودية، والمملكة العربية السعودية والمملكة العربية السعودية، والمملكة العربية السعودية.

اسم المساق: تاريخ الدولة العربية الإسلامية (DSS 404)

المتطلبات السابقة: لا يوجد

يتناول المساق أهمية مواقع الجزيرة العربية وأسباب اختيارها للإسلام، كما يتناول الدولة العربية الإسلامية في عهد الخلفاء الأئمة (أرض)، بداية من الخلافة: ظهورها، تعريفها وشروطها، ثم دراسة الخلفاء الرشدين أربعه رضي الله عنهم.

اسم المساق: تاريخ مصر الفرعونية (DSS 405)

المتطلبات السابقة: لا يوجد

يتناول المساق أهمية مصادر دراسة التاريخ المصري، كما يتناول تقسيم عصور الحضارة المصرية القديمة وعصور ما قبل التاريخ، كما يتناول مصر بداية الأسر العتيقة والدولة القديمة وعصر الانتقال الأول وعصر الدولة الوسطى وعصر الانتقال الثاني.

اسم المساق: الجغرافيا الطبيعية (DSS 410)

المتطلبات السابقة: لا يوجد

يتناول المساق أعمال البحوث وأهم الدراسات المبكرة، كذلك تطور النظام السياسي وظهور المدينة ووجهة الإغريق واستيطانهم، محورصيدان، وظهور مدن كبرى، كما يتناول الحرب القارية، الحرب البيلوترية، ومظهرها ونشأة روما، توسيع روما في البحر المتوسط، كما يتناول تأسيس الإمبراطورية الرومانية، وانتشار الحضارات اليونانية، والهجرة إلى الإمبراطورية الرومانية، وتطور العلاقات التجارية، وتأخير الإمارة الإمبراطورية، وتأثيرها على السلوك الإجتماعي، وتحرك الشعوب والأقليات.

اسم المساق: تاريخ الدولتين الأموية والعباسية (DSS 408)

المتطلبات السابقة: تاريخ الدولة العربية الإسلامية (DSS 404)

يتناول المساق مدة دوران الدولة الأموية في عهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك. كما يتناول الدولة العباسية (العصر العباسي الأول)، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك، وعهد الوليد بن عبد الملك.
البطيئة الموضوع السادس. الطرق الداخلية السريعة (العربية). كما يتناول الطرق الخارجية المساهمة في تشبك طبيع الأرض، وغالب الطرق المكونات وإعادة المناخ، وغالب الغلاف المائي.

الساعات المعتادة: (3)

اسم الممتعة: جغرافيا أوراسيا الأقلية (411)

المتطلبات السابقة: قمية في جغرافيا القارة الأفريقية (403)

يتناول الممتعة مقدمة عام عن جغرافيا الأقلية (أوروبا وأسيا) والتضاريس (مرتفعات - سهول - بحار المناخ والأقاليم المناخية للقلد) كما يتناول الطرق الطبيعية وألوان الطرق الاقتراضي والسكان، من حيث أنماطهم ومساحاتهم وطرق تكرارهم كذلك التدفقات الاقتصادي للسكان، والأقتصاد، والتنفسي للقلد.

(3)

اسم الممتعة: تاريخ الأندلس الإسلامي (412)

المتحمل: دونالد موسي وendirج الذي (أ) الوحدة، الأندلس، والثقافة العربية لبلد الأندلس على يد طارق بن زياد ومسي بن نصير ثم عبد العزيز بن موسي بن نصير وفتح طليطلة، وتدار عصر الوالي قيام الدولة الأموية في الأندلس. وبدأت تأسيس دولة بني أمية في الأندلس (عبد الرحمن الأول - هشام الأول - الحسون الربضي) العصر الذهبى الأموي في الأندلس كما تناول عصر ملك الطوطم الأول والثاني (المرابطون والموحدين) والثانتية الكبرى وأسبابها التي أدت إلى خروج المسلمين من الأندلس.

(3)

اسم الممتعة: تاريخ العرب الحديث والعلمي (420)

المتحمل: دوران والموحدين والموحدين

يتناول الممتعة مقدمة عام عن تاريخ العرب، وهم في القرن الأول والثاني (المرابطون والموحدين) وظهور المعاملات العربية، ظهور صلاح الدين، انتهت ثم حكم أسرة السلطان الظاهر برقوق نهاية دولة المماليك. وتبادلت مصر في عصر الأيوبي. والثورة العربية، حرب الخليج الأولى (العراق، إيران) والثانية، انفصال جنوب السودان، وعلى نفتون النجح في العلاقات الدولية، الوحدة العربية (وحدة مصر وسوريا - إسرائيل، العراق، إيران، إيران، إيران، إيران)، حرب الخليج الأولى (العراق، إيران) والثانية، انفصال جنوب السودان، وعلى نفتون النجح في العلاقات الدولية، الوحدة العربية (وحدة مصر وسوريا - إسرائيل، العراق، إيران، إيران، إيران).

(3)

اسم الممتعة: تاريخ المماليك (414)

المتحمل: دونالد موسي وendirج الذي (أ) الوحدة، الأندلس، والثقافة العربية لبلد الأندلس على يد طارق بن زياد ومسي بن نصير ثم عبد العزيز بن موسي بن نصير وفتح طليطلة، وتدار عصر الوالي قيام الدولة الأموية في الأندلس. وبدأت تأسيس دولة بني أمية في الأندلس (عبد الرحمن الأول - هشام الأول - الحسون الربضي) العصر الذهبى الأموي في الأندلس كما تناول عصر ملك الطوطم الأول والثاني (المرابطون والموحدين) والثانتية الكبرى وأسبابها التي أدت إلى خروج المسلمين من الأندلس.

(3)

اسم الممتعة: الجغرافية الإقتصادية (417)

المتحمل: دونالد موسي وendirج الذي (أ) الوحدة، الأندلس، والثقافة العربية لبلد الأندلس على يد طارق بن زياد ومسي بن نصير ثم عبد العزيز بن موسي بن نصير وفتح طليطلة، وتدار عصر الوالي قيام الدولة الأموية في الأندلس. وبدأت تأسيس دولة بني أمية في الأندلس (عبد الرحمن الأول - هشام الأول - الحسون الربضي) العصر الذهبى الأموي في الأندلس كما تناول عصر ملك الطوطم الأول والثاني (المرابطون والموحدين) والثانتية الكبرى وأسبابها التي أدت إلى خروج المسلمين من الأندلس.

(3)
اسم المساق: تاريخ أوروبا الحديث و المعاصر (DSS 418)

المتطلبات السابقة: لا يوجد

يتناول المساق الكشف الجغرافى ودوافعها الدينية الاستعمارية في أفريقيا 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 ومتانهما، وكذلك الحرب الباردة والآثار التي مرت بها (1947-1981م) وأوربا وقضايا الشرق الأوسط كما يتناول المساق الأحداث التاريخية العاصرة مثل: وحدة الألمانين، وتحرير دول أوروبا الشرقية، وانهيار الاتحاد السوفيتي، والحروب في الشرق، وفي أوغسافيا، والاتحاد الأوروبي.

الساعات المعتمدة: (3)

اسم المساق: جغرافية العالم الجديد (DSS 419)

المتطلبات السابقة: لا يوجد

يتناول المساق قارات أمريكا الشمالية وقارة أمريكا الجنوبية وقارة أستراليا من ناحية الموقع - المناخ - التضاريس - السكان - الثروات الإقتصادية - الإقتصاد الفدرالي للقاء مع التطبيق على عدد من الدول الثلاثة من جميع النواحي الطبيعية والبشرية.

الساعات المعتمدة: (3)

اسم المساق: جغرافية العالمية الاقليمية (DSS 411)

يتناول المساق قارات أمريكا الشمالية وقارة أمريكا الجنوبية وقارة أستراليا من ناحية الموقع - المناخ - التضاريس - السكان - الثروات الإقتصادية - الإقتصاد الفدرالي للقاء مع التطبيق على عدد من الدول الثلاثة من جميع النواحي الطبيعية والبشرية.

الساعات المعتمدة: (3)

اسم المساق: جغرافية السياسة (DSE 420)

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 الفردية في المشكلات السياسية الدولية ويتناول حدود ومميزات الموقع الجغرافي والموارد الاقتصادية والاجتماعية والبشرية.

الساعات المعتمدة: (3)

اسم المساق: معالم الحضارة الإسلامية (DSE 421)

المتطلبات السابقة: لا يوجد

يتناول المساق تعرف معنى الحضارة الإسلامية وأصول الحضارة الإسلامية، ووظائفها وخصائصها واقع الحضارة الإسلامية، ومستقبلها، والفرق بينها وبين المدنية، ثم بيان الأسس التي قامت عليها الحضارة، وتشمل القضايا الجمهورية والحداثة والتنظيمات الإسلامية، والتخطيط الإقتصادي الإسلامي.

الساعات المعتمدة: (3)

اسم المساق: مهارات الاتصال الشخصي (COM 112)

المتطلبات السابقة: مدخل إلى الاتصال الجماهيري (COM 100)

يتناول المساق بعض المهارات الإدارية والإعلامية في مجالات الاتصال والتسويق والاتصال مع العملاء والعملاء.

الساعات المعتمدة: (3)

اسم المساق: الكتابة الإعلامية (COM 105)

المتطلبات السابقة: لا يوجد

يتناول المساق بعض المهارات الإدارية والإعلامية في مجالات الاتصال والتسويق والاتصال مع العملاء والعملاء.

الساعات المعتمدة: (3)

اسم المساق: مدخل إلى الاتصال الجماهيري (COM 100)

المتطلبات السابقة: لا يوجد

يتناول المساق بعض المهارات الإدارية والإعلامية في مجالات الاتصال والتسويق والاتصال مع العملاء والعملاء.

الساعات المعتمدة: (3)

اسم المساق: الكتابة الإعلامية (COM 105)

المتطلبات السابقة: لا يوجد

يتناول المساق بعض المهارات الإدارية والإعلامية في مجالات الاتصال والتسويق والاتصال مع العملاء والعملاء.

الساعات المعتمدة: (3)

اسم المساق: مهارات الاتصال الشخصي (COM 112)

المتطلبات السابقة: مدخل إلى الاتصال الجماهيري (COM 100)

يتناول المساق بعض المهارات الإدارية والإعلامية في مجالات الاتصال والتسويق والاتصال مع العملاء والعملاء.

الساعات المعتمدة: (3)

12.3.9 Bachelor of Public Relations
يهدف هذا المساق إلى تمكين الطالب من الإلمام بالمفاهيم والمظاهر في مجال الاتصال الإنساني وإكساب المهارات الأساسية في مجال التواصل والشأنهى والموضوعات السياسية والاقتصادية والثقافية والعسكرية، كما يتناول المساق مواضيع التشريع الإعلامي والتعاريف، ويفتح المجال أمام الأفراد للتفاعل مع بعض المبادئ الأخلاقية في صناعة الأطروحة إضافة إلى وسائل الإعلام، ديموميات الجماعة، وقيادات الفقيد، واستخدام الإنترنت للمبادئ الأخلاقية.

اسم المساق: علم النفس الاجتماعي (202)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم النفس الاجتماعي وأهميته، وأهدافه، ومبادئه، ومفاهيم الذهن الاجتماعي، والدردشة الاجتماعي، والإدراك الاجتماعي، كما يتناول المساق مواضيع التشريع الاجتماعي والتعليم الذي يتم من خلاله تنشئة الأفراد، وศريعة يهدمان. يعطى الطالب إمكانية لممارسة بعض المبادئ الأخلاقية في صناعة الأطروحة إضافة إلى وسائل الإعلام، ديموميات الجماعة، وقيادات الفقيد، واستخدام الإنترنت للمبادئ الأخلاقية.

اسم المساق: فن الالقاء والتقديم (215)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم النفس الاجتماعي وأهميته، وأهدافه، ومبادئه، ومفاهيم الذهن الاجتماعي، والدردشة الاجتماعي، والإدراك الاجتماعي، كما يتناول المساق مواضيع التشريع الاجتماعي والتعليم الذي يتم من خلاله تنشئة الأفراد، وشريعة يهدمان. يعطى الطالب إمكانية لممارسة بعض المبادئ الأخلاقية في صناعة الأطروحة إضافة إلى وسائل الإعلام، ديموميات الجماعة، وقيادات الفقيد، واستخدام الإنترنت للمبادئ الأخلاقية.

اسم المساق: قوانين و أخلاقيات الاتصال (205)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى التعريف بالمبادئ الأساسية لعلم النفس الاجتماعي حيث يدرس الطالب في هذا المساق علم النفس الاجتماعي وأهميته، وأهدافه، ومبادئه، ومفاهيم الذهن الاجتماعي، والدردشة الاجتماعي، والإدراك الاجتماعي، كما يتناول المساق مواضيع التشريع الاجتماعي والتعليم الذي يتم من خلاله تنشئة الأفراد، وشريعة يهدمان. يعطى الطالب إمكانية لممارسة بعض المبادئ الأخلاقية في صناعة الأطروحة إضافة إلى وسائل الإعلام، ديموميات الجماعة، وقيادات الفقيد، واستخدام الإنترنت للمبادئ الأخلاقية.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسة في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسة بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسية.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسة في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسة بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسة في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسة بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسة في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسة بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسة في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسة بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسة في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسة بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسية في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسية بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسية في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسية بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسية في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسية بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسية في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسية بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسية في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسية بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.

اسم المساق: مبادئ الإدارة (241)

المتطلبات السابقة: لا يوجد

يهدف المساق إلى تعريف الطالب بعلم السياسة في العصر، والمجتمعات المختلفة، أهمية علم السياسية في الحياة المعاصرة، ومجالات العلوم السياسية، ومجالات العلوم السياسية، وتأملها بالعلوم، المفاهيم، والطرق التي يمكن أن تستخدم في دراسة الظاهرة السياسية، علاقة علم السياسية بالعلوم الأخرى، النظام السياسي في العالم، حالات ذات دراسة.
المتطلبات السابقة: 

اسم المساق : شبكات التواصل الاجتماعي (COM 422)
المتطلبات السابقة : داخل الاتصال الاجتماعي (100)
تهدف هذه المواد إلى تعريف الطلبة بمفهوم شبكات الإعلام الاجتماعي ونشأتها التاريخية في إطار تكنولوجيا Web 2.0، ووظائف العلاقات العامة، ومبادئ التكنولوجيا المتصلة، كما يعرض لأبواب قوائم الاتصال الاجتماعي وتوزيعها الإعلامية والإستراتيجية واستخداماتها في العلاقات العامة، وتضمن تطبيقات عملية لهذه الشبكات في العلاقات العامة والقرصنة الإعلامية والجماعية.

المتطلبات السابقة : (3)

الساعات المعتمدة : (3)

اسم المساق : الكتابة للعلاقات العامة (PRL 233)
المتطلبات السابقة : داخل الاتصال الاجتماعي (100)
تتناول هذا المساق الكتابة للعلاقات العامة باعتبارها وسيلة أساسية يستخدمها رجل العلاقات العامة في تعامله مع أخبار وأنشطة وسائل الإعلام، ومنظمات المجتمعات المختلفة، ووسائل الإعلام، وعوامل إعلامية، ورواق التواصل الاجتماعي.

المتطلبات السابقة : (3)

الساعات المعتمدة : (3)

اسم المساق : الإتصال التنظيمي (PRL 239)
المتطلبات السابقة : لا يوجد
يتناول المساق المفاهيم الأساسية في الاتصال التنظيمي، نماذج ومستويات الاتصال التنظيمي، أدوات الاتصال التنظيمي، طرق حل خلافات الأطراف الداخلية، مصادر الاتصالات في المنظمات، وطرق الاتصال في المنظمات، و وغيرها، وطرق الاتصال التنظيمي في المنظمات المختلفة.

المتطلبات السابقة : (3)

الساعات المعتمدة : (3)

اسم المساق : الإدارة العلاقات العامة الدولية (PRL 341)
المتطلبات السابقة : داخل الاتصال الاجتماعي (100)
يتناول المساق العلاقات الدولية وكيفية تطبيقها وطرق مهمة في المنظمة ووسائل الإعلام، ودورها في الاتصال والدبلوماسية، ودورها في تطبيق العلاقات الدولية في المنظمة ووسائل الإعلام، ودورها في الاتصال والدبلوماسية، ودورها في تطبيق العلاقات الدولية في المنظمة ووسائل الإعلام.

المتطلبات السابقة : (3)

الساعات المعتمدة : (3)

اسم المساق : حملات العلاقات العامة (PRL 345)
المتطلبات السابقة : داخل الاتصال الاجتماعي (100)
يتناول المساق حملات العلاقات العامة ووسائل الإعلام، ودورها في الاتصال والدبلوماسية، ودورها في تطبيق العلاقات الدولية في المنظمة ووسائل الإعلام.

المتطلبات السابقة : (3)

الساعات المعتمدة : (3)

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.

المتطلبات السابقة : (3)

الساعات المعتمدة : (3)

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.
اسم المساق : التدريب الميداني (PRL 350) (3) الساعات الملتزمة : 90 ساعة

تتضمن الطالبة تنفيذ مشروع تدريب بمجال العلاقات العامة تحت إشراف المدرب الميداني.

اسم المساق : حالات تطبيقية في العلاقات العامة (PRL 406) (3) الساعات الملتزمة : 90 ساعة

يقوم الطالب بإنتاج مواد إعلامية تثبت تفاعله مع بيئة التدريب.

اسم المساق : أصول إصابات الإعلامية (PRL 409) (3) الساعات الملتزمة : 90 ساعة

يتناول هذا المساق استعراض وتحليل منهجية الممارسات الإعدادية في مجال العلاقات العامة، ويتضمن تنفيذ التدريب والتعامل مع العلاقات العامة في مختلف الحالات.

اسم المساق : التسويق الاجتماعي (PRL 410) (3) الساعات الملتزمة : 90 ساعة

یعرف هذا المساق طلاب العالم بأفضل مفاهيم التسويق الاجتماعي و التوجهات التسويقية التحولات الجوهرية في التسويق الاجتماعي و أنواع التسويق الاجتماعي في مختلف المنظمات و أمثلة عملية تستخدم في هذا المجال.

اسم المساق : الاتصالات التسويقية المتكاملة (PRL 411) (3) الساعات الملتزمة : 90 ساعة

يتناول هذا المساق استعراض وتحليل منهجية الأقسام التسويقية المتكاملة و توجيهات التسويق الاجتماعي و التوضيحات التسويقية في مجال العلاقات العامة.

اسم المساق : تنظيم الأنشطة والفعاليات (PRL 423) (3) الساعات الملتزمة : 90 ساعة

يقوم الطالب بإعداد منهجية الانظمة و تنفيذها في مجال العلاقات العامة، و يتضمن تنفيذ الحملات التسويقية و الترويجية و التدريب والПетербургائي.

اسم المساق : Online Public Relations: العلاقات العامة عبر الانترنت (PRL 432) (3) الساعات الملتزمة : 90 ساعة

يقوم الطالب بإعداد منهجية التسويق الاجتماعي و التواصلية في مجال العلاقات العامة، و يتضمن تنفيذ الحملات التسويقية و الترويجية و التدريب والПетербургائي.

اسم المساق : مشروع التخرج في العلاقات العامة (PRL 450) (3) الساعات الملتزمة : 90 ساعة

يقوم الطالب بإعداد منهجية التسويق الاجتماعي و التواصلية في مجال العلاقات العامة، و يتضمن تنفيذ الحملات التسويقية و الترويجية و التدريب والПетербургائي.

اسم المساق : المدخل لدراسة القانون (LAW 211) (3) الساعات الملتزمة : 90 ساعة

يئذى هذا المساق استعراض وتحليل منهجية الأقسام القانونية المتكاملة و توجيهات القانونية في مجال العلاقات العامة، و يتضمن تنفيذ الحملات التسويقية و الترويجية و التدريب والПетербургائي.

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.
المتطلبات السابقة: لا يوجد

ينتناول هذا المساق التعريف بالقانون، ونشأته وخصائص القاعدة القانونية، وفروع القانون، وتقسيمات القاعدة القانونية إلى قواعد أمرة وقواعد مكملة، ومصادر القانون (التشريع، والعرف، ومبادئ الشريعة الإسلامية، ومبادئ العدالة)، وتفسير القاعدة القانونية، وتطبيقاتها، ومفهوم الحق، وأشخاصه، خصوصًا الشخص الطبيعي، من حيث بداية الشخصية القانونية، ونهايتها، والأهلية، والأعمال، وأعمال الموروث، وحقوق من عهود و وغيرها.

الساعات المعتمدة: (3)

المتطلبات السابقة: لا يوجد

ينتناول هذا المساق تعريف القانون الدستوري، ومصادره، وطرق تطبيقه، والنقاط الفردية بين السلطات، ونظم الحكم، ونظام النظام السياسي في السلطنة، وحقوق الفرد، وأعماله، وحقوق الإنسان، وحقوق الإنسان، والمحتوى، والрешات، وأعمال الإنسان، وحقوق الإنسان، المحتوى، والрешات، وأعمال الإنسان، والحقوق، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال solves, and تطبيقاتها.:

المتطلبات السابقة: لا يوجد

ينتناول هذا المساق تعريف القانون الدولي العام، ومصادره، وطرق تطبيقه، وحقوق الفرد، وأعماله، وحقوق الإنسان، والمحتوى، والрешات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، وأعمال الإنسان، والحقوق، وال решات، أ
اسم المساءلة : قانون الجزاء 2 (LAW 224)

المتطلبات السابقة : قانون الجزاء العام 1 (LAW 222)

يتناول هذا السماـل تعريف القانون، وخصائصها وأغراضها وتوزيعها. وقانون الجزاء الاجتماعي والجريمة، والجرائم المنظمة والإصلاحية. وتكليف العقوبات السالبة للحرية وتنفيذ التعديلات التشريعية القائمة على تنفيذ العقوبات والجزاءات الادارية.

الساعات المعتمدة : (3)

اسم المساءلة : مصدر الالتزام غير الارادي (LAW 225)

المتطلبات السابقة : مصدر الالتزام العام (LAW 224)

يتناول هذا السماـل تعريف المصدر الارادي، وخصائصها وأغراضها وتوزيعها. وقانون الجزاء الاجتماعي والجريمة، والجزاءات الادارية.

الساعات المعتمدة : (3)

اسم المساءلة : العقود المسماة (LAW 312)

المتطلبات السابقة : مصدر الالتزام غير الارادي (LAW 225)

يتناول هذا السماـل تعريف العقود المسماة وخصائصها وأغراضها وتوزيعها. وقانون الجزاء الاجتماعي والجريمة، والجزاءات الادارية.

الساعات المعتمدة : (3)

اسم المساءلة : أحكام الالتزام واثبات (LAW 313)

المتطلبات السابقة : مصدر الالتزام غير الارادي (LAW 225)

يتناول هذا السماـل تعريف الأحكام الادارية، وخصائصها وأغراضها وتوزيعها. وقانون الجزاء الاجتماعي والجريمة، والجزاءات الادارية.

الساعات المعتمدة : (3)

اسم المساءلة : الأحوال الشخصية (LAW 314)

المتطلبات السابقة : مصدر الالتزام غير الارادي (LAW 225)

يتناول هذا السماـل تعريف الأحوال الشخصية، وخصائصها وأغراضها وتوزيعها. وقانون الجزاء الاجتماعي والجريمة، والجزاءات الادارية.

الساعات المعتمدة : (3)

اسم المساءلة : الشركات التجارية وافلاس (LAW 315)

المتطلبات السابقة : مصدر الالتزام غير الارادي (LAW 225)

يتناول هذا السماـل تعريف الشركات التجارية، والاحتياطات الاجتماعية. ونظام الشركات التجارية، والاحتياطات الاجتماعية.

الساعات المعتمدة : (3)

اسم المساءلة : الموارنة والوصايا (LAW 316)

المتطلبات السابقة : مصدر الالتزام غير الارادي (LAW 225)

يتناول هذا السماـل تعريف المملكة المتحدة وخصوصيتها وخصائصها وأغراضها وتوزيعها. وقانون الجزاء الاجتماعي والجريمة، والجزاءات الادارية.

الساعات المعتمدة : (3)
أنظمة المواريث القديمة والحديثة، علاوة على معرفة الوارثين من الرجال والنساء سواء بطرق الفرض، أو العصبة أو الرحم والعول والنز، وممارسة حقوقهم المقررة، وضمان العدالة والجميعة في التوزيع الاجتماعي والدولي.

الاسم المستقبلي: الأوراق التجارية (الجزء باللغة الإنجليزية) (323)
الروابط السابقة: مصطلحات قانونية باللغة الإنجليزية (223) + مبادئ القانون التجاري (315)

يتناول هذا المساق دراسة تعريف الأوراق التجارية وخصائصها ودراسة سند السحب فيما يتعلق بشروطه الموضوعية والشكلية، ومقايض الفرض والالتزام، واصدار وقبول، وكتابة وثائق النظام، وثبوت الأوراق التجارية وتدابير القضاء في حالات دفع الأوراق ومقابل الوفاء، وتحقيق الحقوق، وحقوق الشريك وحقوق الإجبار، وحقوق الإجلاء، وحقوق المطالبة، وحقوق التدابير الإجرائية، وإياتام ربع، وحقوق الرفع، وحقوق الضمان، وحقوق الإجبار، وحقوق التدابير الإجرائية، وإياتام ربع، وحقوق الرفع، وحقوق الضمان، وحقوق الإجبار، وحقوق التدابير الإجرائية، وإياتام ربع، وحقوق الرفع، وحقوق الضمان، وحقوق الإجبار، وحقوق التدابير الإجرائية، وإياتام ربع، وحقوق الرفع، وحقوق الضمان، وحقوق الإجبار، وحقوق التدابير الإجرائية، وإياتام ربع، وحقوق الرفع، وحقوق الضمان، وحقوق الإجبار، وحقوق التدابير الإجرائية، وإياتام ربيع، وحقوق الرفع.

الاسم المستقبلي: القسم الأول من هذه المادة تعريف الأوراق التجارية وخصائصها ودراسة سند السحب فيما يتعلق بشروطه الموضوعية والشكلية، ومقايض الفرض، وشروطه، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهادة التدريس، وشهاد
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التعليم العملي الداخلي (LAW 415)

المتطلبات السابقة: اجتياز 90 ساعة معتددة 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.

- يُعد دليل للتدريب بحيث يشمل التدريب الداخلي والخارجي معاً، على أن يكون كلاً منهما مادة مستقلة ويتطبيقه في المحكمة التعليمية بالكلية، والتدريب الخارجي في الجهات القضائية والقانونية المختلفة.

المتطلبات المعتمدة: 2

القانون البحري والقانون الجوي (LAW 416)

المتطلبات السابقة: اجتياز 90 ساعة معتمدة بنجاح

- تتناول هذه المادة دراسة التعريف بالقانون البحري وأهميته، والسفينة وما يرد عليها من حقوق عينية، وأنشطة الملاحة البحري، العقود البحرية، عناصر الملاحة الجوية من حيث تحديد مفهوم الطائر والطاقم والقضاء الجوي والنقل الجوي والمسموح به.

- 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.

المتطلبات المعتمدة: 3

قانون الإجراءات الجزائية (LAW 423)

المتطلبات السابقة: اجتياز 100 ساعة معتمدة بنجاح

- تتناول هذه المادة دراسة الدعوى الجزائية من حيث أطرافها وإجراءاتها والحكم الصادر فيها، المركز القانوني للنيابة العامة واختصاصها وسلطاتها، حقوق والتزامات المتهم، جمع الاستدلالات والتحقيق الابتدائي، سلطات الضبط والتحقيق، التصرف في الدعوى، المحكمة المختصة، وطرق الطعن في الأحكام.

المتطلبات المعتمدة: 3

حقوق العينية والتبعية (LAW 424)

المتطلبات السابقة: اجتياز 100 ساعة معتمدة بنجاح

- يتناول هذا المساق تعريف بالحقوق العينية الأصلية والتبعية وخصائصها، وتعريف بحق الملكية وعناصره ونطاقه والقيود القانونية والإجراءات المرتبطة به، والملكية المشتركة ومساحتها، وأسباب كسب الملكية، والحقوق المقدمة على حق الملكية ونوعها ودرجه وشروطها، والحقوق الأخرى التي تتبعها وأسباب انقضائها، والحقوق العينية والجنسي من حيث أركانه، وأثره ومضمونه وانقضائه، وحقوق الامتياز العامة وخصوصية وإمكانية أخذها، وตนเองها، وأحكام كل منها.

المتطلبات المعتمدة: 3

أصول الفقه الإسلامي (LAW 425)

المتطلبات السابقة: اجتياز 100 ساعة معتمدة بنجاح

- يتناول هذا المساق تعريف بالأصول وأهميتها، الحكم الشرعي وأنواعه، وتفسير النصوص، وقضايا اللفظ والدلائل، وطرق استبطام الأحكام الشرعية.

المتطلبات المعتمدة: 3

بحث التخرج (LAW 426)

المتطلبات السابقة: اجتياز 100 ساعة معتددة بنجاح

- يتناول هذا المساق جزءين أحدهما نظري والآخر عملي:
  - يتضمن الجانب النظري دراسة طريق وأسباب 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 بحثًا قانونيًا في التخصص الذي يختاره الطالب، ويتمثل الفصل العلمي الذي يُكتبه موضوع البحث الموافق على العوامل المفترضة للبحث وتعيين مشروعاً له توجيهه للطالب خلال إعداده للبحث. وبعد الانتهاء من البحث يقوم الطالب بتسليمه. 

المتطلبات المعتمدة: 3

احكام الالتزام والثبوت (LAW 313)

المتطلبات السابقة: اجتياز 90 ساعة معتمدة بنجاح

- يتضمن الجانب النظرى دراسة طريق وأسباب البحث، وكيفية اختيار موضوع البحث ومراحل إعداده، أدوات البحث وكيفية التعرف عليها، والبحث فيها، وكيفية إعداد خطة البحث، وإعداد المقدمة والموضوع والخاتمة.

المتطلبات المعتمدة: 2
للمشرف (ثلاث نسخ على الأقل) قبل بدء الامتحانات النهائية بأسبوعين على الأقل حيث تتم مناقشة البحث في الموعد المحدد من قبل المشرف وعرض هيئة تدريس آخر يختاره القسم العلمي.

**المصطلح المعتمدة : (3)**

اسم المساق : قانون حماية المستهلك (LAW 231)

يتناول هذا المساق دراسة تعريف المستهلك ومبررات حمايته، ومدى كفاءة القواعد العامة لحماية المستهلك مثل: عقود الإذعان وخيارات الروؤية، وموضوع القواعد الخاصة المعززة لحماية المستهلك خصوصاً حقه في العقد خروجاً على القواعد العامة، ويطالب شرط الإعفاء من المسؤولية، والالتزام المودري أو المنتج بالبائع بتصسير المشترى، وجزاء مخالفة هذه القواعد.

**المصطلح المعتمدة : (3)**

اسم المساق : قانون الجنسية ومركز الأجانب (LAW 232)

يتضمن هذا المساق تعريف الجنسية وبيان انواعها، ومشكلات تعددها وانعدام الجنسية، وتطور تقسيم الجنسية الإمارتية وطرق فقهها وقوانينها، ودستورها، واستثمارها، والاستخدام القسري، ومجازاتها، وتعريف المصطلح بالاجنبي وتنظيم القانون لدخول الأجانب إلى الدولة وإقامتهم وخروجهم منها والحقوق التي يتمتعون بها والواجبات الملقاة عليهم، والنظام القانوني للاستثمارات الأجنبية في دولة الإمارات وطرق تسويه منازعاتها.

**المصطلح المعتمدة : (3)**

اسم المساق : قانون الملكية الفكرية (باللغة الإنجليزية) (LAW 233)

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:**
   Domain 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).

**المصطلح المعتمدة : (3)**

اسم المساق : المنظمات الدولية (LAW 234)

يتناول هذا المساق التعريف بالمنظمات الدولية ودراسة التطور التاريخي للتنظيم الدولي، والشخصية القانونية للمنظمة الدولية، والدور المندرج في المنظمات العالمية، ودراسة نماذج من المنظمات الدولية والإقليمية مثل منظمة الأمم المتحدة، منظمة اعتراض الأعمال، الاتحاد الأوروبي، جامعة الدول العربية، مجلس التعاون الخليجي.

**المصطلح المعتمدة : (3)**

اسم المساق : المالية العامة والتشريع الضريبي (LAW 235)

يتناول المساق دراسة موجزة لمفهوم علم المالية العامة وتعريفه وخصائصه ثم دراسة مفصلة للنفقات العامة مفهومها وأقسامها، ودراسة الإيرادات العامة، من حيث تعريفها وأقسامها (الضرائب والرسوم) ثم الموارد العامة ومفهومها وخصائصها ومبادئها العامة مع التركيز على السياسة المالية في دولة الإمارات العربية على وجه الخصوص.

**المصطلح المعتمدة : (3)**

اسم المساق : القانون المتعلق بالبية (LAW 236)

يتناول هذا المساق دراسة موجزة لعلم البيئة، ومبادئها، وخصائصه، وكيفية مواجهة مشاكل تلوث الهواء والماء والتربيه، وموجبة النظام المجتمعات الطبيعية، إقامة القوانين الخاصة بالبيئة، بالإضافة إلى التعرف على الجهات المحلية والدولية المختلفة بهذه الرؤية، وقواعد المسائل المتعلقة بها.

**المصطلح المعتمدة : (3)**

اسم المساق : التسليطات الجزائية الخاصة (LAW 237)

يختار أستاذ المساق موضوعاً أو أكثر من الموضوعات الآتية أو غيرها:
• جرائم الإتجار.
• جرائم الإتجار.
• جرائم الخبيثة.
• جرائم غسيل الأموال.
• جرائم الخبيثة.
• جرائم الخبيثة.
• جرائم الخبيثة.
• جرائم الأحداث.
• جرائم المرور.
• جرائم الخبيثة.

**المصطلح المعتمدة : (3)**

اسم المساق : علم الإتجار وعلم العقاب (LAW 238)

يتناول هذا المساق دراسة تعيين معنى الإتجار وشأنه وتطوريه، وعلاقاته بالأعمال التجارية الأخرى، والأساليب الإيجابية المرتبطة بها، وصفاتها ووظائفها، بالإضافة إلى الأمثلة والوظائف المفسرة للسلوك الإداري والإتجار. التأثير التفاعلي في تفسير وتعظيمها وتساليها.
الظواهر الإجرائية والوقاية من الجريمة و المؤسسات العقابية و الخصلاجية و مدة تنفيذ العقوبات السالبة الحرية و تنفيذ التدابير الاحترازية.
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<tr>
<th>No.</th>
<th>Faculty Name</th>
<th>Rank</th>
<th>College</th>
<th>Terminal Degree &amp; Area of Specialization</th>
<th>Degree Awarding Institution</th>
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<tr>
<td>1</td>
<td>Dr. Gerry Nkombo Muuka</td>
<td>Professor/ Dean-COB</td>
<td>COB</td>
<td>PhD - Strategic Management</td>
<td>University of Edinburgh, UK</td>
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<td>2</td>
<td>Dr. Raja Sekhara Moulis Poluri</td>
<td>Associate Professor</td>
<td>COB</td>
<td>PhD - Management</td>
<td>Shivaji University, India</td>
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<td>3</td>
<td>Dr. Georgia Papadopoulou</td>
<td>Assistant Professor</td>
<td>COB</td>
<td>PhD - Economics</td>
<td>University of Piraeus, Greece</td>
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<td>4</td>
<td>Dr. Ilija Stojanovic</td>
<td>Assistant Professor</td>
<td>COB</td>
<td>PhD - Economics</td>
<td>University of Banja Luka, Bosnia</td>
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<td>Dr. Mahwish Anjam</td>
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<td>National University of Modern Languages, Pakistan</td>
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<td>Dr. Nasiha Osmanovic</td>
<td>Assistant Professor</td>
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<td>COB</td>
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<td>Manonmaniam Sundaranar University, India</td>
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<td>Dr. Rahat Ullah Khan</td>
<td>Assistant Professor</td>
<td>COB</td>
<td>PhD - Marketing</td>
<td>KAIST University, South Korea</td>
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<td>9</td>
<td>Dr. Suja Sarah Thomas</td>
<td>Assistant Professor</td>
<td>COB</td>
<td>PhD - Accounting &amp; Financial Management</td>
<td>Annamalai University, India</td>
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<td>Dr. Mojtaba Moatamedei</td>
<td>Professor/ Dean-CEC</td>
<td>CEC</td>
<td>PhD - Engineering</td>
<td>The University of Sheffield, UK</td>
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<td>Associate Professor</td>
<td>CEC</td>
<td>PhD - Communication/ Electronics Engineering</td>
<td>University of New Castle Upon Tyne, UK</td>
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<td>CEC</td>
<td>PhD - Database/ Programming</td>
<td>Kyushu Institute of Technology, Japan</td>
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<td>Indian Institute of Technology, Guwahati, India</td>
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<td>Integral University, India</td>
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<td>University of Freiburg, Germany</td>
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<td>Magadh University, India</td>
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<td>CEC</td>
<td>PhD - Bio-Robotics (Cum Laude)</td>
<td>The Bio-Robotics Institute, Italy</td>
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<td>Assistant Professor</td>
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<td>COAD</td>
<td>PhD - Applied Arts, Interior Design &amp; Furniture</td>
<td>Helwan University, Cairo, Egypt</td>
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<td>COAD</td>
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<td>COAD</td>
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<td>University of Technology, Malaysia</td>
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<td>Bangalore University, Bangalore, India</td>
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<td>Ain Shams University, Egypt</td>
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<td>Charles University, Prague</td>
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<td>Dr. Marwa Mohamed Said</td>
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<td>CESS</td>
<td>PhD - Political Communication</td>
<td>Minia University, Egypt</td>
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<td>CESS</td>
<td>PhD - Media</td>
<td>Cairo University, Egypt</td>
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<td>Dr. Shadi Moussa Mohammad Hijazi</td>
<td>Assistant Professor/Head-DGS</td>
<td>CESS</td>
<td>PhD - English</td>
<td>University Utara Malaysia, Malaysia</td>
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<td>Associate Professor</td>
<td>CESS</td>
<td>PhD - Applied Linguistic</td>
<td>Aston University, Birmingham, UK</td>
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<td>Ms. Azeez Anjum</td>
<td>Lecturer</td>
<td>CESS</td>
<td>MA - English Literature</td>
<td>Nagarjuna University, India</td>
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<td>44.</td>
<td>Ms. Nour Okla</td>
<td>Instructor</td>
<td>CESS</td>
<td>MA - TESOL</td>
<td>University of Sharjah, UAE</td>
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<td>45.</td>
<td>Ms. Sunayana Manoj</td>
<td>Instructor</td>
<td>CESS</td>
<td>MA - English Language and Literature</td>
<td>University of Mysore, India</td>
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