The Zayed University Catalog

2017 -2018
Message from the President

This is a special university. Bearing the name of Sheikh Zayed bin Sultan Al Nahyan, the founder of the U.A.E., Zayed University has never stopped striving for excellence since its establishment in 1998. In less than 20 years, the University has grown from a few hundred students to approximately 10,000 undergraduate and graduate students, studying a range of subjects and preparing for leadership in their careers, their families, and their nation.

This catalog will introduce you to Zayed University's mission, educational model, academic programs, and institutional practices. All of these are derived from the University's vision of being the leading university in the nation, with an international reputation for quality and impact.

Though we have two campuses, we are one unified university. Everything that our faculty, staff, and administrators do is dedicated to ensuring that our programs meet the highest standards of quality and rigor. We proudly carry accreditation from the Middle States Commission on Higher Education, which is given only after a thorough review of programs, processes, and policies. In addition to institution-wide accreditation by Middle States, the number of individual academic and support programs that have received international accreditation continues to grow, and now includes AACSB, ABET, and NCATE. Zayed University was the first university outside the US to receive NCATE accreditation for its programs in education, and was also the first university outside the UK to achieve the matrix Standard for its career support services. This university continues to lead the way in developing high-quality, internationally-recognized, nationally relevant academic programs. And there are more to come.

In all that we do, our focus is on students and their success. They are the nation's most valuable resource, and we take very seriously the trust placed in us by the nation's leaders. This will not change, even as personnel and programs inevitably change. Our core institutional values—collaboration, innovation, teamwork, leadership, openness, and professional ethics—are not only guides for institutional life, they are also the values that we hope our students take with them into the world they will enter after graduation. I consider it a privilege to be associated with Zayed University. I invite you to learn more about what we are doing.

Sincerely,

Lubna Bint Khalid Al Qasimi
President of Zayed University
The information presented in this catalog, accurate as of the date of publication, is subject to change by appropriate action of the University.

Zayed University Publications Department, August 2017
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Zayed University Vision

Globally recognized as the leading university in the region for excellence in educational innovation, research, and student leadership development that serves the changing needs of the nation in economic, social and cultural advancements.

The Mission

Proudly bearing the name of the nation’s founding President, Zayed University is a federal institution that prepares bilingual graduates to contribute to and advance all aspects of society. Our mission is carried out from two major campuses in Abu Dhabi and Dubai. The University offers diverse and internationally recognized undergraduate and graduate programs that provide engaging and inclusive student experiences. Our graduates are prepared to contribute to and promote the social and economic wellbeing of UAE society and the professions. Through research, scholarship, creative activities, outreach and continuing education services, the University provides educational leadership, expands opportunity, and disseminates knowledge to local, regional, and global communities.

University Values

Zayed University is committed to:

1. Professional Ethics
2. Leadership
3. Excellence
4. Collaboration
5. Innovation
6. Civic Responsibility
7. Respect for Diversity
8. Positive Educational Environment

Strategic Objectives

- Prepare qualified graduates in an innovative and supportive educational environment who demonstrate academic excellence and leadership skills
- Enhance the leadership role of the University in scientific research and development in ways that contribute to a knowledge-based economy
- Demonstrate institutional and academic excellence through national and international accreditation programs
- Ensure provision of all administrative services in compliance with quality, efficiency and transparency
- Enhance the culture of innovation and creativity (within institutional environment)

An Introduction to the University

Although a youthful nation, the United Arab Emirates plays a special role in the Middle East because of its strategic location, the quality of its modern infrastructure, and the forward-thinking and far-sighted vision of the country’s leaders. These leaders have identified education to be of great importance to the future of the U.A.E., as is indicated by the words of the late His Highness Sheikh Zayed bin Sultan Al Nahyan:

Excellence in education and knowledge is the route to glory. This can only be achieved through continuous efforts and academic progress. Education is the main pillar of progress and development, and the state has spared no effort to provide the necessary requirement of the educational sector. The state has a dire need of the efforts of all its educated citizens in the development process.

Zayed University, a government-supported institution, was established in 1998 to prepare
leaders who will foresee the possibilities and capture the opportunities for action that will create the future of the United Arab Emirates.

The University has campuses located in the U.A.E.’s two largest cities, Abu Dhabi and Dubai, under one central administration. Enrollment on each campus is exceed 4000 students. The University is small enough to enable personal interaction between students and faculty, yet sufficiently large to offer students a range of challenging degree programs.

At Zayed University, students experience a learning environment that encourages and supports their academic success. The basis for their academic experience is the Zayed University Academic Program Model, which focuses on learning outcomes and assessment. This model provides students with a balanced, connected academic program that makes learning purposes clear, ensures that resources support educational goals, and emphasizes student achievement and success.

The Academic Program Model is supported through a complete educational program including an Academic Bridge Program that ensures student proficiency in English; a general education core curriculum that provides a broad interdisciplinary foundation for area of study; in-depth studies offered by seven Colleges; internships that provide practical experience for all students; and periodic assessment of student achievement in the Zayed University Learning Outcomes.

During their first three semesters in baccalaureate program, Zayed University students enroll in the general education on University College, a core curriculum that provides an intellectual experience shared by all Zayed University students and that creates a framework supportive of Zayed University’s Learning Outcomes. Through a series of closely related interdisciplinary courses, students develop their abilities in critical thinking, global awareness, computer applications, scientific and quantitative reasoning, information literacy, English, and Arabic.

At Zayed University, students have a choice of degree programs designed to meet their personal academic interests and career goals. The programs are designed to fulfill the highest international academic standards. In their programs, students participate actively in a learning process that requires them to apply their knowledge in real-world settings and to develop understanding. As their intellectual capacities grow, students assume increasing responsibility for self-directed learning.

The graduates of Zayed University excel in both Arabic and English language and are well grounded in the academic disciplines, proficient in computer skills, knowledgeable about their rich culture and heritage, global in their perspectives, and experienced in the professional workplace. Their success at Zayed University prepares them to become leaders in their families, their community, and their nation.

Graduate programs include Masters and Executive Masters degrees and Graduate Certificate programs designed to address specific needs of the U.A.E.

**Ministry of Education Approval**

Zayed University was established under Federal Decree No. (11) of 1999 by the government of the United Arab Emirates on signature of the President of the United Arab Emirates, Zayed bin Sultan Al Nahyan. Article (16) of the Federal Decree No. (11) establishes the formal authority of the University to award degrees and certificates upon ratification by the University Council.

**Accreditation**

a. **National Accreditation**

Zayed University was established as an independent corporate entity and named after the founding President of the United Arab Emirates, the late Sheikh Zayed bin Sultan Al Nahyan by virtue of the Federal Decree # 11 of 1999. This Federal Decree mandates that the University shall positively and efficiently participate in the development process of the U.A.E. by conducting and promoting distinguished educational programs, holding conferences and scientific researches, establishing centers and enhancing cooperation between the Arab and international Universities and institutes.

In 2013, the Minister of Higher Education and Scientific Research in the U.A.E. charged the Commission for Academic Accreditation (CAA) with the responsibility of conducting regular institutional accreditation of federal tertiary institutions in the U.A.E. The CAA in its letter to the University dated May 4, 2015, informed that Zayed University achieved the CAA accreditation this year, with the official notification received by the University in 2015.

b. **International Accreditation**

Zayed University is accredited by the Middle States Commission on Higher Education (MSCHE), one of six regional accrediting bodies in the United States. The University was first accredited by the MSCHE in 2008. Zayed University’s accreditation was renewed in 2013. The reaffirmation is valid for ten years.
Zayed University Administrators

President
HE Lubna Bint Khalid AlQasimi

Vice President
Reyadh AlMehaideb

Provost
Marilyn Roberts

Chief Administrative and Financial Officer
Sadiq Almulla

Director, Strategy and Future Department
Maytha Obaid AlAli

Associate Provost and Chief Academic Officer
Mohsen Onsy

Dean, Student Affairs
Fatima AlDarmaki

Assistant Provost for Research
Michael Allen

Advisor to the Provost
Bryan Gilroy

Provost's Advisor on
Academic Quality and Strategic Initiatives
Adam Marks

Acting University Registrar
Ruba Ramahi

Director of Administration, VP Office
Mohamed Hilal AlMazrouie

Deans and Academic Directors

College of Business
Paul Williams, Dean

College of Arts and Creative Enterprises
Ann Maree Reaney, Dean

College of Communication and Media Sciences
Pamela Creedon, Acting Dean

College of Education
Rana Tamim, Acting Dean

College of Humanities and Social Sciences
Sabrina Joseph, Acting Dean

College of Natural and Health Sciences
Fares Howari, Acting Dean

College of Technological Innovation
Andrew Marrington, Acting Dean

University College
Belkeis Altareb, Acting Dean

Graduate Studies
Chet Jablonski, Dean

Academic Bridge Program
Wayne Jones, Director

Institute for Community Engagement
Rahman Haleem, Acting Director

Institute for Social and Economic Research
Mouawiya AlAwad, Director

Center for Educational Innovation
Barbara Harold, Acting Director

University Library and Learning Commons
Mary Sengati-Zimba, Director

Student Academic Success
Haseena AlKhateeri, Acting Director

Abu Dhabi and CEO, Happiness and Positivity
Shamsa Al Taie, Director, Student Affairs

Student Affairs, Dubai
Fathiya AlKhamiri, Director

Student Accessibility Services
Fatma AlQassimi, Director

Student Counseling Center
Khuldir Bhati, Director

Administrative Directors

Campus Development and Services
Riham Hwaidi, Director

Contracts and Procurement
Abdalla AlZarouni, Director

Finance Office
Jayesh Vallabh, Director

Internal Audit
Amna AlShehhi, Acting Director

Marketing and Publications
Osama Nasr, Acting Director

Information Technology Department
Nadia AlKabanji Acting Director

Human Resources
Hessa AlMarzoocqui, Director
Zayed University Academic Programs
2017-2018

College of Arts and Creative Enterprises:
1. Bachelor of Fine Arts in Animation Design
2. Bachelor of Fine Arts in Graphic Design
3. Bachelor of Fine Arts in Interior Design
4. Bachelor of Fine Arts in Visual Arts
5. Bachelor of Science in Multimedia Design (joint program with College of Communication and Media Sciences and College of Technological Innovation)
6. Minor in Curatorial Practices

College of Business
1. Bachelor of Science in Accounting
2. Bachelor of Science in Finance
3. Bachelor of Science in Human Resource Management
4. Bachelor of Science in Marketing and Entrepreneurship
5. Executive Master of Business Administration
6. Master of Management in International Business
7. Master of Science in Finance
8. Graduate Certificate in Business Administration (on-hold)

College of Communication and Media Sciences
1. Bachelor of Science in Communication and Media Sciences with Concentrations in
   a. Media Production and Storytelling
   b. Integrated Strategic Communications
   c. Tourism and Cultural Communications
2. Master of Arts in Communications with Concentrations in
   a. Strategic Public Relations
   b. Tourism and Cultural Communications
3. Minor in Communication and Media Sciences

College of Education
1. Bachelor of Science in Education with Concentrations in:
   a. Early Childhood Education
   b. School Social Work
   c. Upper Primary, Preparatory Education, Teaching Field in English Language Learning (on-hold)
   d. Upper Primary, Preparatory Education, Teaching Field in Mathematics (on-hold)
2. Bachelor of Education
3. Master of Education in Educational Leadership and Administration
4. Master of Education in Special Education
5. Master of Education in Teaching and Learning

College of Humanities and Social Sciences
1. Bachelor of Arts in International Studies with Concentrations in
   a. International Relations
   b. Middle East/Gulf Studies
   c. Political Economy and Development
2. Bachelor of Arts in Emirati Studies (joint program with College of Communication and Media Sciences and the College of Arts and Creative Enterprises)
3. Minor in Literature
4. Minor in Middle East and GCC Studies
5. Minor in Arabic for Media
6. Master of Arts in Diplomacy and International Affairs
7. Master of Arts in Judicial Studies
8. Executive Masters in Public Administration (on hold)
9. Graduate Certificate in Diplomacy and International Affairs (on hold)
10. Graduate Certificate in Museum Studies (on hold)

College of Natural and Health Sciences
1. Bachelor of Science in Environmental Science and Sustainability
2. Bachelor of Science in Public Health and Nutrition
3. Bachelor of Science in Psychology and Human Services (joint program with College of Education)
4. Minor in Public Health
5. Minor in Applied Psychology
6. Graduate Certificate in Health Care Administration (on hold)

College of Technological Innovation
1. Bachelor of Science in Information Technology with Concentrations in:
   a. Security and Network Technologies
   b. Web and Mobile Application Development
2. Bachelor of Science in Information Systems and Technology Management Concentrations in: (joint program with College of Business)
   a. Enterprise Systems
   b. Management of Information systems
   c. Business Intelligence
3. Minor in Information Systems
4. Minor in Interactive Social Computing
5. Master of Science in Information Technology Concentration in Cyber Security
6. Graduate Certificate in High Technology Crime Investigation (on hold)
7. Graduate Certificate in Information Security (on hold)

University College
Programs
General Education

Minor
Applied Mathematics
### Preliminary Period

Sat 05 Aug 2017  New faculty report  
Sun 13 Aug 2017  Return of Academic Administrators & Returning faculty report  
Sun-Thu 13-17 Aug 2017  New students Orientation / Assessments and placement exams / Faculty Professional Development Week  

### Fall Semester 2017

- **Sun 20 Aug 2017**: Start of classes  
- **Thu 24 Aug 2017**: Last day to add /Drop  
- **Mon 04 Sep 2017**: Last day to suspend registration  
- **Thu 07 Sep 2017**: Last day to withdraw from the first 10-week course (term A) without penalty  
- **Sun-Thu 24-28 Sep 2017**: Students to apply online to the Application to Program  
- **Wed 27 Sept 2017**: 1st Student Engagement, Training and Service Learning (SETS) Day  
- **Sun 1 Oct 2017**: Publish the Fall 2017 Final exam Schedule  
- **Sun-Tue 1-31 Oct 2017**: College Transfer and Inter College transfer period  
- **Thu 12 Oct 2017**: Last day to withdraw from university /20 week Course ( semester) without penalty  
- **Thu 12 Oct 2017**: Last day of Term A  
- **Sun 15 Oct 2017**: First day of Term B  
- **Sun-Thu 15-19 Oct 2017**: Add /Drop period for Second part of term courses.  
- **Tue 31 Oct 2017**: 2nd Student Engagement, Training and Service Learning (SETS) Day  
- **Thu 2 Nov 2017**: Last day to withdraw from Second 10 week course without penalty (term B)  
- **Sun 5 Nov 2017**: Publish the Official Spring 2018 class Schedule  
- **Sun-Thu 12-16 Nov 2017**: Advising week for Spring pre-registration  
- **Sun-Thu 19-23 Nov 2017**: Online Students pre-registration for Spring 2018 ( AUH campus)  
- **Sun-Thu 26 Nov 2017 – 4 Dec 2017**: Online Students pre-registration for Spring 2018 ( DXB campus)  
- **Wed 06 Dec 2017**: Last day of classes  
- **Thu 7 Dec 2017**: Last day to receive attendance appeals from Colleges  
- **Thu 7 Dec 2017**: Last day to update pending I grades from previous Spring and Summer 201622 & 201623 semesters  
- **Thu-Thu 07-14 Dec 2017**: Final Exams  
- **Sun-Sun10-17 Dec 2017**: Grades Announcement
## Winter Break

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun-Thu 17 Dec 2017-04 Jan 2018</td>
<td>Winter break for students</td>
</tr>
<tr>
<td>Sun-Thu 17 Dec 2017-04 Jan 2018</td>
<td>Winter break for faculty</td>
</tr>
</tbody>
</table>

## Second Semester 2018

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 07 Jan 2018</td>
<td>Faculty return</td>
</tr>
<tr>
<td>Sun-Thu 07-11 Jan 2018</td>
<td>New students Orientation / Assessments and placement exams / Faculty Professional Development Week</td>
</tr>
<tr>
<td>Sun 14 Jan 2018</td>
<td>Start of classes</td>
</tr>
<tr>
<td>Thu 18 Jan 2018</td>
<td>Last day to add/drop</td>
</tr>
<tr>
<td>Thu 25 Jan 2018</td>
<td>Last day to suspend registration</td>
</tr>
<tr>
<td>Sun 01 Feb 2018</td>
<td>Last day to withdraw from the first 10-week course (term A) without penalty</td>
</tr>
<tr>
<td>Wed 28 Feb 2018</td>
<td>3rd Student Engagement, Training and Service Learning (SETS) Day</td>
</tr>
<tr>
<td>Thus 01 Mar 2018</td>
<td>Publish the Official Spring 2018 class Schedule</td>
</tr>
<tr>
<td>Sun 04 Mar 2018</td>
<td>Last day to withdraw from university /20 week Course (semester) without penalty</td>
</tr>
<tr>
<td>Thu 08 Mar 2018</td>
<td>Last day of Term A</td>
</tr>
<tr>
<td>Sun 11 Mar 2018</td>
<td>First day of Term B</td>
</tr>
<tr>
<td>Sun-Thu 11-15 Mar 2018</td>
<td>Add /Drop period for Second part of term courses.</td>
</tr>
<tr>
<td>Sun-Thu 11-23 Mar 2018</td>
<td>Mid-Term Exam</td>
</tr>
<tr>
<td>Thu 29 Mar 2018</td>
<td>Last day to withdraw from Second 10 week course without penalty (term B)</td>
</tr>
<tr>
<td>Thu 5 April 2018</td>
<td>Publish the Official Summer and Fall 2018 class Schedule</td>
</tr>
</tbody>
</table>

## Spring Break

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun-Thu 25 Mar-05 April 2018</td>
<td>Spring break for students</td>
</tr>
<tr>
<td>Sun-Thu 25 Mar-05 April 2018</td>
<td>Spring break for faculty</td>
</tr>
</tbody>
</table>
### Spring Semester 2018 continues

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 08 Apr 2018</td>
<td>Faculty return</td>
</tr>
<tr>
<td>Sun 08 April 2018</td>
<td>Student return</td>
</tr>
<tr>
<td>Sun-Thu 08-12 April 2018</td>
<td>Advising week for Summer and Fall pre-registration</td>
</tr>
<tr>
<td>Sun-Thu 15-19 April 2018</td>
<td>Online Students pre-registration for Summer DXB and AUH campuses</td>
</tr>
<tr>
<td>Mon 16 Apr 2018</td>
<td>4th Student Engagement, Training and Service Learning (SETS) Day</td>
</tr>
<tr>
<td>Sun-Thu 22-26 April 2018</td>
<td>Online Students pre-registration for Fall 2018 (DXB campus)</td>
</tr>
<tr>
<td>Sun-Thu 29 April-03 May 2018</td>
<td>Online Students pre-registration for Fall 2018 (AUH campus)</td>
</tr>
<tr>
<td>Tus 08 May 2018</td>
<td>Last day to receive attendance appeals from Colleges</td>
</tr>
<tr>
<td>Wed 09 May 2018</td>
<td>Last day of classes</td>
</tr>
<tr>
<td>Thu-Thu 10-17 May 2018</td>
<td>Final Exams</td>
</tr>
<tr>
<td>Sun-Sun 13-20 May 2018</td>
<td>Grades Announcement</td>
</tr>
<tr>
<td>Tue 22 May 2018</td>
<td>Start of summer vacation</td>
</tr>
</tbody>
</table>

### Summer Semester 2018

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun 27 May 2018</td>
<td>Start of classes</td>
</tr>
<tr>
<td>Mon 28 May 2018</td>
<td>Last day to add/drop</td>
</tr>
<tr>
<td>Thu 31 May 2018</td>
<td>Last day to withdraw from course without Failure</td>
</tr>
<tr>
<td>Thu 28 June 2018</td>
<td>Last day of classes</td>
</tr>
<tr>
<td>Sun-Mon 01-02 July 2018</td>
<td>Final Exams</td>
</tr>
<tr>
<td>Wed 04 July 2018</td>
<td>Grades announcement</td>
</tr>
</tbody>
</table>

### Holidays:

- Thu 31 Aug 2017 Arafat day
- Fri 01 Sep to Sun 03 Sep 2017 Eid Al-Adha
- Thu 21 Sep 2017 Islamic New Year
- Sat 2 & Sun 03 Dec 2017 National Day
- Thu 30 Nov 2017 Prophet's Birthday
- Fri 13 April 2018 Isra Wal Miraj
- Fri 15 to Sun 17 June 2018 Eid Al-Fitr

*Note: All National and Religious Holidays are subject to change*
## Terminology

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Academic Integrity</strong></td>
<td>Refers to ethical behavior and principles such as honesty, responsibility, respect and fairness that guide conduct in an academic setting. For complete information, consult the Student Academic Integrity Code included later in this catalog.</td>
</tr>
<tr>
<td><strong>Academic Standing</strong></td>
<td>Is a measure of the student’s academic achievement relative to their degree requirements, and determines their eligibility to be admitted to and/or proceed in their academic plan and to qualify for graduation. It is usually determined by regulations governing good standing, probation and dismissal.</td>
</tr>
<tr>
<td><strong>Academic Year</strong></td>
<td>Is the period of time which the university use to measure a quantity of study.</td>
</tr>
<tr>
<td><strong>Add and Drop</strong></td>
<td>Is the period of time at the beginning of each semester/term when students can adjust schedules by dropping or adding courses or changing sections of a course.</td>
</tr>
<tr>
<td><strong>Admission</strong></td>
<td>Formal acceptance as a student</td>
</tr>
<tr>
<td><strong>Advisor</strong></td>
<td>Faculty member/administrator assigned to counsel students on academic matters. The student is called the advisor’s “advisee.”</td>
</tr>
<tr>
<td><strong>Bachelor’s Degree</strong></td>
<td>A four-year minimum undergraduate degree</td>
</tr>
<tr>
<td><strong>Calendar, Academic</strong></td>
<td>Annual listing of all official events, dates and deadlines for the academic year.</td>
</tr>
<tr>
<td><strong>Catalog Year</strong></td>
<td>Unless altered, a student's catalog year is the year when the student was admitted to study at ZU. A student's catalog year denotes which specific set of graduation requirements will apply to that student.</td>
</tr>
<tr>
<td><strong>Common Examinations</strong></td>
<td>Examinations for courses with multiple sections scheduled at a common time. Courses with more than three sections and at least two instructors are eligible to be considered for a common examination time slot.</td>
</tr>
<tr>
<td><strong>Concentration</strong></td>
<td>Concentration within a program that allows a student to focus on an aspect of the program.</td>
</tr>
<tr>
<td><strong>Co-requisite</strong></td>
<td>A course required to be taken simultaneously with another course</td>
</tr>
<tr>
<td><strong>Course</strong></td>
<td>A unit of study that may utilize lecture, discussion, laboratory, recitation, seminar, workshop, studio, independent study, internship or other similar teaching formats to facilitate learning for a student</td>
</tr>
<tr>
<td><strong>Course Load</strong></td>
<td>Total credits for which a student is registered in each semester or term</td>
</tr>
<tr>
<td><strong>Credit</strong></td>
<td>The equivalent of 50 minutes of class instruction, two to three 50-minutes laboratory sessions, or one or two 50-minute recitation sessions per week for one regular semester. Design courses, studios and visual and performing arts courses may be weighted differently</td>
</tr>
<tr>
<td><strong>Curriculum</strong></td>
<td>A structured set of learning outcomes built in a specified set of courses</td>
</tr>
<tr>
<td><strong>Department</strong></td>
<td>An academic unit of a college or school</td>
</tr>
<tr>
<td><strong>Dismissal</strong></td>
<td>The involuntary separation of a student from the university for unacceptable conduct or unsatisfactory academic achievement. A student is academically dismissed when he/she fails to achieve academic good standing in three consecutive semesters.</td>
</tr>
<tr>
<td><strong>Elective Course</strong></td>
<td>A course selected at a student’s discretion after consultation with the advisor</td>
</tr>
<tr>
<td><strong>Cocurricular</strong></td>
<td>Enrichment and leadership development activities that are part of student life but are not part of the academic program, such as student activities, athletics and music</td>
</tr>
<tr>
<td>Term</td>
<td>Definition</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Fee</td>
<td>Charges for services; does not include course tuition</td>
</tr>
<tr>
<td>Full-Time Student</td>
<td>An undergraduate student who is registered for 15 or more credit hours in each semester</td>
</tr>
<tr>
<td>General Education Requirements</td>
<td>Requirements common to all undergraduate students designed to provide both breadth and concentration in their academic degree programs</td>
</tr>
<tr>
<td>Good Standing</td>
<td>Academic designation applied to an undergraduate student who has achieved a cumulative GPA of 2.00 or higher</td>
</tr>
<tr>
<td>GPA</td>
<td>Grade point average of the grades earned in ZU courses</td>
</tr>
<tr>
<td>Grade Points</td>
<td>Numerical value associated with each grade</td>
</tr>
<tr>
<td>ID card</td>
<td>University student identification card providing and controlling access to university facilities and services</td>
</tr>
<tr>
<td>Independent Study</td>
<td>Independent course (IC) or directed study (DS) beyond the courses offered in a specific semester conducted by a student under the supervision of a designated faculty member</td>
</tr>
<tr>
<td>Major</td>
<td>A student’s main field of study</td>
</tr>
<tr>
<td>Minor</td>
<td>A secondary field of study requiring 18 credit hours</td>
</tr>
<tr>
<td>Petition/Appeal</td>
<td>A written request seeking a waiver of or an exception to a university regulation, policy or deadline</td>
</tr>
<tr>
<td>Placement Test</td>
<td>A proficiency examination given to determine a student’s ability in a subject where competence is an important consideration. Placement test scores determine whether the corresponding preparatory course will be waived.</td>
</tr>
<tr>
<td>Preparatory Courses</td>
<td>Undergraduate courses designated as 00X. Students may be waived out of these courses by placement tests. Preparatory courses do not count in the credits earned toward a degree, but they do count in the grade point average.</td>
</tr>
<tr>
<td>Prerequisite</td>
<td>A course required to be completed prior to registration in another course</td>
</tr>
<tr>
<td>Academic Warning</td>
<td>A warning status resulting from the student’s unsatisfactory conduct</td>
</tr>
<tr>
<td>Academic Probation</td>
<td>Status of any undergraduate student who has less than a 2.00 cumulative GPA</td>
</tr>
<tr>
<td>Readmission</td>
<td>The act of admitting a student back to the university through the Office of Enrollment Management/Undergraduate Admissions after an interruption of studies for more than one semester. Academically dismissed students are not eligible for readmission.</td>
</tr>
<tr>
<td>Registration</td>
<td>The process of enrolling in classes</td>
</tr>
<tr>
<td>Regular Student</td>
<td>A degree-seeking student</td>
</tr>
<tr>
<td>Reinstatement</td>
<td>The exceptional act of allowing an academically dismissed student to resume studies following dismissal.</td>
</tr>
<tr>
<td>Required Courses</td>
<td>Courses other than free electives prescribed by the college/school necessary for the completion of a degree program</td>
</tr>
<tr>
<td><strong>Schedule, Class</strong></td>
<td>A list of courses offered during a semester that specifies the days, hours, locations of classes and the names of the instructors</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Student Schedule</strong></td>
<td>A listing of the courses a student is taking in each semester that specifies the days, hours, locations of classes and the names of the instructors</td>
</tr>
<tr>
<td><strong>Semester</strong></td>
<td>Two 16-week periods of instruction followed by an examination period into which the academic year is divided</td>
</tr>
<tr>
<td><strong>Suspension</strong></td>
<td>A voluntarily separation of a student from the university for personal reasons. Suspension extends up to two semesters consecutive or non-consecutive.</td>
</tr>
<tr>
<td><strong>Term</strong></td>
<td>A period of instruction and exams that is shorter than a semester</td>
</tr>
<tr>
<td><strong>Transcript</strong></td>
<td>A student’s historical academic record</td>
</tr>
<tr>
<td><strong>Transfer Credit</strong></td>
<td>Credit from course work completed at another institution that is accepted at AUS and which may or may not be applicable toward a specific ZU degree</td>
</tr>
<tr>
<td><strong>Transfer Student</strong></td>
<td>A student admitted to ZU after having met the ZU transfer student admission requirements. Credits completed at the student’s previous university may or may not transfer to ZU.</td>
</tr>
<tr>
<td><strong>Tuition</strong></td>
<td>The fees charged for courses each semester or term</td>
</tr>
<tr>
<td><strong>Undergraduate</strong></td>
<td>A student who is working toward completion of a bachelor’s degree</td>
</tr>
<tr>
<td><strong>Withdrawal</strong></td>
<td>The act of officially leaving the university for reasons other than graduation. Students may withdraw from individual courses without withdrawing from the university.</td>
</tr>
</tbody>
</table>
Zayed University takes seriously its charge to become the leading university in the region and is committed to preparing educated citizens who are fully prepared to become leaders in their community, nation, and world. To that end, the University has developed its undergraduate and graduate academic degree programs.

To prepare undergraduate students for a rapidly changing and unpredictable future, the University has created an outcomes-based Academic Program Model. A primary objective of the undergraduate experience at Zayed University is the development of the skills necessary for lifelong learning. The Academic Program Model supports that end by providing students with a foundation and framework for their intellectual growth. Every course focuses on one or more of the six University-specified learning outcomes. Because the learning outcomes are incorporated into normal course work, they are an integral part of the disciplinary content and evaluation of the course. Threaded throughout the baccalaureate curriculum, the learning outcomes help students in achieving a higher order of intellectual development.

Students enter the baccalaureate degree program through enrollment in the general education in university college. The general education provides an interdisciplinary curricular foundation supportive of the University learning outcomes and the development of skills critical to lifelong learning and leadership. The general education is taught through a core curriculum, creating an intellectual experience that is shared by all Zayed University undergraduate students. It prepares them for study in their study field. The general education constitutes 36 hours of academic credits. The program Learning Outcomes develop academic and professional competencies necessary for graduates to function effectively and independently as scholars or practitioners in a chosen field.

In achieving their learning outcomes, Zayed University students do more than simply satisfy a set of course requirements. They apply their learning to real-life situations and learn from their experiences. Students develop deep understanding of the academic disciplines and are able to apply the theory and methods of their disciplines to conditions in their own lives. Graduates of Zayed University are fluent in both Arabic and English languages and well-prepared for their chosen profession and advanced academic study.

Zayed University Learning Outcomes (ZULOs)

The faculty at Zayed University (Zayed University) have identified the following six learning outcomes that they believe are essential in assuring the future success of Zayed University graduates.

- **Language**: Zayed University graduates will be able to communicate effectively in English and Modern Standard Arabic, using the academic and professional conventions of these languages appropriately.

- **Technological Literacy**: Zayed University graduates will be able to effectively understand, use, and evaluate technology both ethically and securely in an evolving global society.

- **Critical Thinking and Quantitative Reasoning**: Zayed University graduates will be able to demonstrate competence in understanding, evaluating, and using both qualitative and quantitative information to explore issues, solve problems, and develop informed opinions.

- **Information Literacy**: Zayed University graduates will be able to find, evaluate, and use appropriate information from multiple sources to respond to a variety of needs.

- **Global Awareness**: Zayed University graduates will be able to understand and value their own culture and other cultures, perceiving and reacting to differences from an informed and socially responsible point of view.

- **Leadership**: Zayed University graduates will be able to undertake leadership roles and responsibilities, interacting effectively with others to accomplish shared goals.

Students focus on the importance of those abilities from the first day they enter the University through the end of their baccalaureate program. They demonstrate their accomplishments through work completed in their courses, and they reach acceptable levels of proficiency in the Zayed University Learning Outcomes and ProgramsLearning Outcomes by graduation.
Zayed University Pedagogical Framework

Zayed University is committed to fostering a student-centered learning environment that is characterized by the following approach to teaching:

1. **Active and Varied:** The Zayed University faculty member adopts a variety of active teaching-learning strategies, tailored to each learning task and to the intended learning outcomes.

2. **Collaborative and Individual:** Cooperative group learning tasks, as well as individual learning tasks, are integral to each Zayed University course.

3. **Content-rich and Language-rich:** Instruction focuses on the development of in-depth knowledge, along a continuum from richer in-language in ABP, to richer-in-content in the baccalaureate and graduate programs.

4. **Facilitated by Technology:** Appropriate educational technology is integrated into every Zayed University course.

5. **Intercultural attuned:** Teaching in Zayed University requires global awareness, sensitivity to local culture, a commitment to developing intercultural competence, and a commitment to learning from students.

6. **Interpersonally oriented:** Successful learning at Zayed University is facilitated by building positive relationships with students, while maintaining professional demeanour and holding students accountable.

7. **Learner focused:** The Zayed University faculty member evaluates and builds on learner knowledge and strengths, while addressing learner needs.

8. **Practical and Theoretical:** Instruction lays solid theoretical foundations, as appropriate to the level of study, while having a real-world orientation.

9. **Reflective:** Instructors strive to be reflective educators who enable reflective and critical learning in students.

10. **Supportive:** The Zayed University faculty member fosters student dispositions of leadership, creativity, innovation, self-responsibility, and lifelong learning in a supportive learning environment.
The Student Academic Experience

Academic Bridge Program:

Pre-baccalaureate Preparation

The primary purpose of the Academic Bridge Program (ABP) is to prepare students for academic study in English at Zayed University. Students who enter the University without English test scores qualifying them for direct entry to the baccalaureate program are placed in the appropriate ABP level according to their English score on the Emirates Standardized Test (EmSAT).

Students who need to increase their ability in English must complete English courses that develop their abilities to a proficiency level at which they can begin their academic studies. The four courses in the program have specific learning outcomes that students must meet before they can progress to the next level.

Baccalaureate Program

The General Education Courses:

Zayed University’s Core Curriculum

All students at Zayed University enroll in the General Education Courses, the core curriculum of the University, and thus share similar intellectual experiences. During each of the first three semesters of the baccalaureate program, students take a set of closely related interdisciplinary courses.

Programs and Concentrations

Zayed University offers a range of programs and concentrations that lead to a Bachelor’s degree. The college sections of this catalog furnish detailed information on career possibilities, admission criteria, Program Learning Outcomes, and graduation requirements.

Internships

Internships at Zayed University emphasize active, hands-on, applied learning in the workplace. Students deepen their understanding of the value of education as they confront the daily demands of work in a particular professional environment. Internships also allow potential employers the opportunity to see Zayed University students in action. Every program requires an internship, which students normally perform in their last year. Initially, the internship course addresses relevant professional development issues such as placement negotiation, professional conduct and dress, work ethics, interpersonal communication, and initiative. Throughout the internship, faculty supervisors monitor student performance and manage employer issues.

Each college is responsible for its internship program and works in collaboration with students and community representatives to define the purpose, experiential learning outcomes, and guiding goals for each intern. Student progress is measured by achievement of clearly defined learning outcomes. At the close, students make a final report to their college faculty, in which they perform a structured reflection and critical review of their experience that helps them to make better, more informed career decisions upon graduation.

Assessment of Zayed University Learning Outcomes and Program Learning Outcomes

Students are introduced to the Zayed University Learning Outcomes through their courses early in the general education on Integrated Learning and are assisted in developing these key skills throughout their undergraduate experience. Attention to university outcomes continues in the programs through the Program Learning Outcomes (PLOs).

These PLOs are disciplinary versions of the ZULOs. The Zayed University learning assessment process helps improve the curricular program through an ongoing review process that examines the relevance of course content and assignments to Zayed University Learning Outcomes, as well as course and program outcomes.

Through this continual process, students are able to recognize their own behaviors as leaders, team members, and critical and global thinkers. They are able to use their powers of information gathering, analysis, and reflection and their information-technology and language skills in establishing lifelong patterns of learning that will carry them beyond graduation.

Each academic program develops a detailed assessment program for measuring student attainment in the ZULOs and the PLOs that are aligned with them. These assessment programs and the documentation growing from them are available in the Educational Effectiveness section of the Zayed University website.

By reviewing selected assignments across sections and over time, faculty assessment teams coordinated by Zayed University Assessment steering committee, can determine if stated outcomes — individual course, University, and program outcomes (when appropriate) — have been met. Assessment of student work is a phased process which, over a three-year period, should provide evidence of curricular success. It also provides students and student advisors with snapshots of an individual’s performance from year to year. Faculty who choose to include reflective practice as part of the assessment assignments provide students with a valuable tool to assess their own learning progress.
Learning Support Services

Academic Advising
All Zayed University students benefit from the mature advice and counsel offered by their academic advisors. In the Academic Bridge Program, the student’s primary instructor acts as an advisor. In the general education Program, the student’s advisor comes from the Department of Advising and Academic Development. When the student enters the program, an advisor is assigned from within the student’s program.

Library and Learning Commons
Zayed University Library and Learning Commons provides access to information in electronic, print, audiovisual, and multimedia formats, as well as housing student academic support services from across the university. Students and faculty members access electronic information and collections through the online catalog and library website. The library provides a comfortable environment and helpful services to support reading, research, and individual and group study. In the library and in classrooms, librarians teach students how to find, critically evaluate, use, and cite information sources.

The library on each campus has growing English and Arabic collections, including books, magazines and newspapers, videos, and sound recordings. A wealth of information and thousands of journal articles are available through online databases that are selected and licensed for the Zayed University community for access on and off campus. The Emirates Collection offers material about the Emirates and books written by Emiratis. The University archives are housed in the Abu Dhabi library.

The libraries offer computers, printers, and scanners, as well as a wireless environment and connections for laptop computers. Students may use pre-paid cards for photocopying. Library facilities are open Saturday through Thursday during the semester.

The library promotes student achievement in information literacy, that is, the ability to access, evaluate, and use information effectively. For more details and the most current information about the library, visit www.Zayed University.ac.ae/library.

Learning Commons
The Learning Commons blends student academic support services, scholarly research, collaborative learning, and social interaction in a technology rich, light-filled environment. The Library and Learning Commons works with the Academic Bridge Program, University College, the degree-granting colleges and PALS to provide support for language development, academic writing, mathematics, etc. In designing and executing these services, the Library and Learning commons staff work closely with academic and student support services from across the university so as to provide students with a “one-stop shop” for academic support.

Curriculum Resource Centers
Located in each campus library, Curriculum Resource Centers (CRC) provide collections and instructional equipment for students enrolled in the College of Education, particularly those preparing to be teachers. The resources are specifically selected and designed to support pre-school through grade 12 classroom activities. They include computers, laminators, button-makers, puppets, specialized kits, sample textbooks, and print and electronic items. CRC staff members instruct and assist students in using the materials and equipment. Staff members engage in outreach activities for local school teachers. For more information see the Library website at www.Zayed University.ac.ae/library.

Center for Educational Innovation
The Center for Educational Innovation supports the professional development of Zayed University faculty through cultivating a culture of innovative, technologically sophisticated, outcomes-based teaching and learning. Working in partnership with faculty and academic leaders in the ABP and the Colleges, the CEI facilitates programs that promote student-centered, technologically enhanced classroom environments and outcomes-based teaching and learning. The CEI aims to develop the capacity of Zayed University’s multi-national faculty to focus on the specific learning needs of Zayed University students and to build a culture of evidence-based educational effectiveness.

Computing Services
The mission of the Department of Computing Services is to connect people, processes, and content through the effective use of reliable information, computing, telecommunications technologies, and consulting services in support of the University's core mission.

Computing Services comprises several integrated functional areas responsible for media, data, video, and voice enterprise activities throughout the University. Virtually all campus computers are tied together into local area and wide area networks by a campus-wide high-speed fiber-optic-based backbone. These networks support instructional, research, and administrative functions and provide
connection to workstations located in campus instructional laboratories and faculty and administrative offices. The backbone network is linked to the Internet, connecting the University to all major educational and research sites in the world. Internet connectivity allows Zayed University to offer a host of services in addition to basic workstation-to-computer access.

Some available services include e-mail delivery; distributed availability of data and programs via interconnected file servers; Usenet news feeds (a worldwide electronic bulletin board and information service); remote file access to distant sites (including archives of Macintosh and PC-compatible freeware and shareware); World Wide Web access; library electronic databases; compressed video and compressed audio communications.

Most University computing laboratories for students are open during regular teaching hours. Some instructional computing laboratories are staffed with lab assistants to help students and faculty. Various types of microcomputer workstations, sophisticated graphics displays, and graphics printers are available for student and faculty use.

Service Desk
The Service Desk is the first point of contact for students, faculty, and staff seeking resolution to problems with software, network connectivity, and hardware. The Service Desk troubleshoots hardware and software problems with laptops, desktops, and peripherals such as printers and other IT equipment. The Service Desk also supports audiovisual equipment and inspects, tests, and diagnoses problems with IT equipment in classrooms and other campus buildings.

Faculty Assistance
Members of the faculty are readily available to assist students in their academic work outside of regular classroom and laboratory hours. Course syllabi contain a listing of times when faculty members normally are available for meetings with students. To arrange a meeting outside of the posted office hours, students contact the faculty member directly. Textbooks and Instructional Materials Textbooks and related instructional materials are provided to students at no cost. Students must pay to replace lost or damaged books, materials, or equipment.

Technology Tools
Each student is required to purchase a laptop computer and/or an iPad for use throughout the student’s stay in the University. The University specifies the computer and provides a standard set of software. The student is expected to maintain and protect the computer and to repair or replace it if it is damaged or lost.

Financial Assistance
Zayed University offers limited financial assistance to students who request help in purchasing laptops or paying for meals or transportation. Students requiring financial assistance are encouraged to contact the Office of Student Support, Office of Student Life, to apply for assistance.

**Student Activities and Support Services**

**Student Services**
Zayed University is committed to provide a wide range of high quality student services to support student’s life on campus. The Student Affairs Deanship has three main units that provide diverse services. These are the Student Leadership Department, Student Counseling Center, and Alumni and Student Careers Office. The following is to highlight some of the main services students of Zayed University have access to in both campuses:

**Student Council**
The Student Council serves as a liaison between students and administration. The Student Council represents the voice of the students and provides its members leadership opportunity to assist and organize activities for all students. Student Council also represents the Zayed University students in major community programs (conferences, summits, national initiatives) as well meets with national and international visitors and guests of the university. Students interested in being considered for membership on the Student Council should apply to the Office of Student Life.

**Student Organizations and Clubs**
Zayed University offers a wide variety of student clubs and organizations. These clubs can either be social clubs (such as Luqya Club, Japan Club, Eritrean club, Korea Club, International Club) or professional clubs (such as Psychology Club, Finance Club, Entrepreneur goals of these clubs are to offer students opportunities to meet their interest and work collaboratively with their peers to maximize their learning and campus engagement.). The Students also had the opportunity to participate in a leadership training certificate program.
Extracurricular activities

The academic calendar is usually full of many programs and activities/events that are designed to meet students’ interests and to contribute to their overall learning and development while they are on campus. These programs offer students opportunities to engage with their peers a meaningful way and to participate in off-campus activities (e.g., conferences, exhibitions, training, and community services). Also, Zayed University strives to offer students opportunities for study abroad programs so students can engage in community services, volunteerism or develop their leadership skills.

Sports Activities

Zayed University offers student athletes opportunities to participate in local and international competitions. Also, the university provides sports facilities and training for the use of all students on campus.

Leadership Development

The development of leadership skills of students is emphasized through the provision of youth leadership program and training as well as through encouraging students to participate in leadership roles in the university (membership in Student Council, chairing a club, joining committee, co-organizing major events) and outside the university.

Career Services

Zayed University provides its students with career counselling, workshops, career development programs and self-assessments. Employment opportunities (part-time on-campus employment and off campus part-time, summer work program and internship) are available through the Student Careers Office. The goal of these services, programs and opportunities is to prepare students for the job market by providing them with career-related information and opportunities to acquire and develop soft-skills, work ethics, and other career and employability related skills (job search, interviewing skills, CV writing) needed to begin their career after graduation. Students have access to employer networks directly linking graduates to the labor market and specific job vacancies.

These services are offered in both campuses through the Student Careers and Alumni Relations Office. For more information please visit www.ZayedUniversity.ac.ae/cs/. In addition, this office provides career related training and support for graduates to assist them to secure job opportunities.

Counseling Services

The university has established the Student Counseling Center for the goals of supporting students’ success and retention through the provision of counseling services to help them overcome personal, social, and psychological issues that interfere in their academic performance. Counseling services include one-on-one counseling, group counseling, psychological assessment, consultation, outreach programs, awareness days and support groups. The Student Counseling Center is staffed by licensed professional counselors and its policy and procedures emphasize confidentiality of student information and counseling records as well as quality of services delivery.

Health Services

The university provide health services and wellness programs in both campuses. These services are offered by Dubai Health Authority in Dubai campus and Oxford Medical Center in Abu Dhabi campus. The services on both campuses are supervised by the Student Counseling Center.

Financial Aid

Through partnership with community charity organizations, the university supports its students who are experiencing financial hardship. Students who wish to apply for financial aid should submit an application and the required documentations to the Student Support Unit of the Office of University Registrar.

Student housing

Zayed university provides limited accommodations for its international students. Students applying for housing have to pay fees and security deposit to stay in the student housing.

There are other services offered by the university to support students such as the office of accessibility and the office of academic advising and Student Success.
Academic Policies and Processes

Undergraduate Programs

Admission to Zayed University

Application for Admission for National Students

The student wishing to enter Zayed University directly from high school must:

- Submit a completed application form for admission to the National Admissions and Placement Office (NAPO). This form is used for admission to all national institutions of higher learning in the United Arab Emirates.
- Indicate a preference of institutions and select the program of study. When possible, the student’s preference is considered in placement, but the student is not guaranteed admission to Zayed University.
- Take the Emirates Standardized Test (EmSAT).

Admission Requirements

To be eligible for admission to Zayed University, the applicant must possess a valid U.A.E. National Identity Certificate and valid U.A.E. passport. All applicants must complete 12 years of schooling in order to be given consideration for admission to the U.A.E. institutions of higher education.

Applicants must also:

1. Be at least 17 years of age on August 31 of the entering year; have graduated from high school within one year of the application date (all other applications require special authorization); and
2. Have completed the General School Leaving Certificate and met the required GSC score and EmSAT score.
3. Graduates from accredited private high schools (national and international) may be considered for admission if they satisfy any ONE of the following criteria:
   a. For schools following the United Arab Emirates. Ministry of Education curriculum, the submission of the school leaving certificate issued by the private secondary school certifying completion of grade 12.
   b. For students who have completed the GCSE/IGCSE and GCE, the submission of a certificate issued by the private secondary school certifying completion of grade 12 with successful completion of a minimum of five (5) subjects at the GCSE/IGCSE Ordinary level and two (2) subjects at the GCE Advanced Subsidiary level with a minimum grade of C. Arabic and Islamic studies are not included in those (7) subjects required for admission.
   c. For International Baccalaureate program students, the submission of a certification of completion of the International Baccalaureate Diploma with at least 24 points.

The private school certificate should be sent to NAPO after attestation from the Ministry of Education, except for GSC school certificates. Applying for admission does not guarantee admission. These are minimum admission standards subject to change in any year. Selection depends on satisfactory GSC subject marks and overall average and the availability of space.

The Emirates Standardized Test (EmSAT)

All national applicants must achieve a score of at least 500 on the English exam of the Emirates Standardized Test (EmSAT). EmSAT English scores are used by Zayed University to place admitted students in the appropriate instructional level in the Academic Bridge Program or University College that houses the first stages of the baccalaureate program. An EmSAT English score of 500 or more is required for admission to Zayed University.

All students are expected to take the EmSAT Math exam. There is, however, no minimum score required for admission.

National students attending private secondary schools and planning to enter Zayed University must take the EmSAT examinations.

Academic Bridge Program

Satisfactory Academic Progress

The student is allowed only two semesters to exit the Academic Bridge Program (ABP). If an extra semester is required to complete the final level of the program, then a tuition fee will need to be paid.

Exit from the Academic Bridge Program

Students exiting the Academic Bridge Program must pass the ENG 040 Academic English
Communication or achieve an:
Overall band score of 5.5 or higher on the IELTS (International English Language Testing System) or an iBT (Internet-based TOEFL) score of 71 or higher

Academic Probation
The student who does not make satisfactory progress in an ABP level will receive a grade of “Unsatisfactory” (U) and must repeat the level in the following semester. The student will receive a warning letter that the student is at risk of dismissal for failure to make satisfactory progress if the level is failed a second time; copies of the letter will be sent to the student’s family and advisor.

Academic Dismissal
A student who fails to earn a “Satisfactory” (S) grade in two attempts at any ABP level will be dismissed from the University. If at any time it is determined that a student cannot complete all required course work in the one-year period allotted to the ABP, the student will be dismissed.

Suspending Registration
A student who suspends registration for one semester or more in the ABP may be required to retest for English proficiency before being permitted to continue. Based on the test, the student may move ahead if the student’s English proficiency has improved. Previously completed courses may have to be repeated if English proficiency has deteriorated. If the student is required to retake a previously completed course, two tries will be allowed to pass it, but the student may not exceed one year of study in the ABP overall. Information on testing dates and procedures is available from the Assessment Supervisor in the Academic Bridge Program.

Transfer to Zayed University

Eligibility
To be eligible for transfer, the candidate must possess a valid U.A.E. National Identity Certificate and valid U.A.E. passport. The applicant must have successfully completed the English foundation sequence (Academic Bridge Program at Zayed University, UGRU at the United Arab Emirates University, Higher Diploma Foundations program at one of the Higher Colleges of Technology, or equivalent at another university recognized by the U.A.E.). The transfer student may transfer only into baccalaureate instruction; the student may not enter any of the English foundation sequences. Each transfer application is considered on its own merit. A student who is approved for transfer may be asked to meet additional requirements by the institution to which the student has applied to transfer.

A student who has completed more than one year of studies at a higher education institution will have the transfer request considered individually. The student must be in good academic standing in the higher education institution currently attended. Since there are significant program content differences among higher education institutions, transfer may result in having to repeat subjects already completed.

For Zayed University, the applicant must meet all requirements for entry into the baccalaureate program, including a score of 71 or higher on the iBT (internet-based TOEFL) or an IELTS record of Band 5.5 or an EmSAT English score of 1250.

The student who meets the above minimum requirements and is in good academic standing will be allowed to transfer provided there are no non-academic reasons to prevent transfer and there is space in the appropriate program at Zayed University. The final decision will be made by Zayed University.

A student from an accredited institution other than the U.A.E.U or HCT must apply for special authorization to be admitted. The student must submit detailed course descriptions and transcripts in English to the Registrar’s Office for all completed academic work (from both secondary school and institution of higher education). The final decision on eligibility to transfer and on placement in year and program is made by Zayed University.

In evaluating applications for transfer to Zayed University, the University shall consider special issues such as change in residence, marriage, medical issues, or physical disability. Courses are normally accepted for transfer credit at Zayed University only if there are equivalent courses consistent with program objectives in the core curriculum program or the major at Zayed University. Only courses completed with a grade of “C” or higher will be considered for transfer of credit. Transfer credit is designated on the academic transcript with the grade of “TC”. Transfer credits may count toward completion of degree requirements but are not used in the calculation of cumulative grade-point average at Zayed University.

University Requirements of Transfer Students
A transfer student must satisfy all of the following requirements:

1. Complete the required general education English and Arabic sequences: the University may waive this requirement upon submission of evidence that the student has successfully completed a comparable level of English and Arabic instruction at another institution;
2. Satisfy all Program Learning Outcomes and Zayed University Learning Outcomes before graduation; and

3. Be in residence at Zayed University for a minimum of two years and earn a minimum of 60 credits.

**ZU graduates Seeking a Second Degree**

Zayed University graduates may apply to take a second degree but not a minor. Students seeking a second degree shall pay AED 2500 per credit hour.

**Transfer to Another Institution**

A student may apply to transfer to a credit-degree program at the Higher Colleges of Technology or the United Arab Emirates University only after having successfully completed the Academic Bridge Program (ABP). The student may only transfer into the baccalaureate or higher diploma program at the other institution; transfer to English foundation courses is not permitted.

Students seeking to transfer must apply directly to the institution they wish to enter. Transfer must occur within three years of the date of the student’s last registration at Zayed University. Upon acceptance at another institution, the student must formally withdraw from Zayed University. Transfer is only permitted at the end of each semester.

**Registration for Courses**

**General**

During the registration period each semester, the student is required to meet with the student's advisor to consult on the appropriate choice of courses. Swift, accurate registration is important because a student's name must appear on the official course roster by the end of the add/drop period if the student is to be eligible for receiving credit for the course.

**Student Identification Card**

Upon registering, students receive an identification card. The student is expressly prohibited from using by any other student's identification card for any purpose. Failure to comply with this policy will result in student discipline.

**Schedule Change**

1. A student may change her/his schedule only during the Add/Drop period (the first week of a semester or term) as designated in the University Calendar.

2. A student in the Baccalaureate program may not make a change to her/his schedule that reduces the course load to be below full-time student status, except for compelling academic reasons. Prior written approval from the Chief Academic Officer is also required.

**Withdrawal from a Course**

The University recognizes that a student may need to withdraw from a course during a term or semester. Accordingly, withdrawal for compelling academic reasons is permitted until the end of the sixth week of the semester for semester courses and the end of the third week of the term for term courses (see Academic Calendar for dates). A grade of “W” will be assigned for all courses dropped. A student who drops courses after the deadline will receive a grade of “W/F” (Withdrawal/Failing). The student may appeal the grade by submitting a written appeal to the dean of the college offering the course.

**Required Course Load**

**Course Load**

1. A student in the baccalaureate program is required to maintain full-time student status at all times by registering in at least 15 credit hours a semester.

2. A student may not make a change to her/his schedule that reduces the course load to be below 15 credit hours, or full-time load, except for compelling academic reasons. Prior written approval from the Chief Academic Officer is also required.

3. Apart from the exceptions noted below (Section J), there is no part-time student status at Zayed University.

**Course Overload in the Final Year**

In a student’s final year, a student with a CGPA of 2.50 or higher may petition to take an additional course for a semester total of more than 19 credit hours.

**Reduced Course Load in the Final Semester or Term**

1. A student who will complete all degree requirements in the first term of a semester may elect to enroll for only that term.

2. A student who needs fewer than 15 credit hours in their final semester to complete all requirements for their degree may register for a reduced load, provided it includes all remaining courses required for the completion of the degree.
**Baccalaureate Study**

1. The normal required course load in a baccalaureate program is at least 15 credit hours a semester, or six credit hours a term. The maximum number of credit hours taken by a student in a semester shall be in accordance with the following criteria:

   a. Students with a Cumulative Grade Point Average (CGPA) less than or equal to 2.49 shall not be allowed to register for more than 16 credit hours in a semester.

   b. Students with a CGPA equal to or greater than 2.50 and less than or equal to 3.49 shall not be allowed to register for more than 19 credit hours in a semester.

   c. Students with a CGPA equal to or greater than 3.50 shall not be allowed to register for more than 21 credit hours in a semester.

2. Under no circumstances will students be allowed to register for more than six credit hours in a term.

3. In the case of multiple delivery mode (combined registration in full semester courses plus term courses) within one semester, the total credit hours shall not exceed any of the three criteria listed above.

**Exceptional Circumstances**

1. In exceptional circumstances, with the written approval of the Chief Academic Officer, a student may be allowed to carry a reduced load of courses. The expectation is that an approval of a reduced load will be for one term or semester only, allowing the student time to adjust their course schedule appropriately in following semesters or terms, or that the student will complete the study requirements for their degree within a year.

2. This option is not provided for students in the Academic Bridge Program.

**Suspension from the University**

1. **Suspension of Registration**

   a. A student may suspend registration twice for a maximum of two (consecutive or non-consecutive) semesters during her/his period of study at Zayed University.

   b. A student may suspend registration only during the first two weeks of the semester or term.

   c. A student who suspends registration, or who is suspended, is considered inactive and cannot enjoy University privileges, such as access to campus or use of the library, unless granted an exception by the University.

2. **Attendance Suspension**

   a. The University may put a student on Attendance Suspension when she/he exceeds the limit of 15% absences in all courses in a given semester.

   b. A student on Attendance Suspension is considered inactive and cannot enjoy University privileges.

   c. A student may be requested to repeat some or all of the courses in which he/she received W or WF in a previous semester.

   d. Attendance Suspension counts toward the maximum allowable number of times that a student may suspend registration without dismissal from the University.

3. **Disciplinary Suspension**

   a. The University has the right to suspend a student as a disciplinary measure for violating the Code of Student Conduct.

   b. The Disciplinary Suspension decision is made by the Provost upon the recommendation of the Student Misconduct Investigation Committee.

   c. Disciplinary Suspension counts toward the maximum allowable number of times that a student may suspend registration without dismissal from the University.

**Special Suspension**

a. Special Suspensions for maternity reasons or for conscription into the military do not count toward the maximum allowable number of times that a student may suspend registration without dismissal from the University.

b. If a student chooses not to utilize a semester or term maternity attendance suspension, but chooses to deliver her baby and return back to complete the semester she must stay within a 15% total semester absences requirement to receive credit for the class. However, if she chooses this option, but is away from class for more than this allowed 15% (for the entire semester) she must take a maternity suspension retroactively for the entire semester even though she attended classes prior to the birth.
Academic Policies and Processes

2017-2018

Academic Progress

Satisfactory Progress
Satisfactory Progress toward the Degree
The student must make satisfactory progress toward the degree at all levels of study at Zayed University. The maximum time allowed is:

1. Two semesters to meet Academic Bridge Program (ABP) requirements and enter the baccalaureate program. Students should not be granted more than one Special Probation in the ABP.

2. Eight semesters when in a program at the baccalaureate level to complete requirements for graduation.

Withdrawal from the University

1. Student-Initiated Withdrawal
   a. The University establishes a date in each semester and term by which a student may withdraw from the University without academic penalty.
   b. A student who transfers to another university or college must formally withdraw from Zayed University.

2. University-Initiated Withdrawal
   a. The University may withdraw a student who does not resume his/her studies after being suspended from the University for more than two consecutive semesters.
   b. The University may withdraw a student whose English language proficiency does not meet the standards of the University

Application and Admission to a Program

A. Degree Programs
   1. Students will be directly admitted to their chosen college in their first semester.
   2. During the first semester, students will be given a chance to emphasize the degree program that they chose and declared on the NAPO site.
   3. Students may change their degree program by formally applying for admission to a new degree program during the period designated by the Registrar preceding the semester of change.
      a. Admission to a new degree program will depend solely on the decision of the Dean of the college offering the degree program sought by the applicant.
      b. Students may change their degree program only once while they are studying at ZU.
      c. Students are not allowed to change their degree program after earning 60 credits.
   4. ZU does not offer double degree programs.

B. Concentrations
   1. Students enrolled in fields divided into concentrations will fulfill the requirements of their chosen concentration.
   2. Students may seek the permission of the college to change concentrations and assume the burden of completing the requirements for the new concentration as a condition for graduation.
   3. Students are not allowed to change their concentration after completing 90 credits.
   4. ZU does not offer double concentrations.

Auditing a Course
Enrolled students and graduates of Zayed University may request permission from the college dean to audit a course. The request will be approved only if there are vacant seats in the course after advance registration and if the instructor agrees. Satisfactory completion will be indicated by an “AU” grade.
C. Minors

1. Students may pursue study in a minor by submitting an application to the Dean of the college offering the minor for permission to be enrolled in the minor program.

2. The minimum requirements for students who want to pursue study in a minor are:
   a. the completion of all General Education requirements;
   b. the completion of 9 credit hours of the degree program at the 300 level or higher;
   c. a minimum cumulative grade point average of 2.50 at the time of application.

3. Students who have fulfilled the above requirements and been accepted to the minor program must fulfill the following conditions while they are studying that minor:
   a. Maintain a minimum cumulative grade point average of 2.50;
   b. Make sure there is no duplication of courses required for the minor and the degree programs except for free electives in the degree program.
   c. Complete both the minor and the degree program within the maximum number of semesters allowed for study at the university.
   d. Make sure that the maximum number of courses taken per semester is consistent with ACA-ADM-04 Enrollment and Registration Policy and Procedures.

Eligibility to Graduate

Completion of a Degree

1. To earn the bachelor’s degree at Zayed University, the student must have a minimum cumulative GPA of 2.0 Students must successfully fulfill all requirements in the General Education Program and their program in order to graduate with a Baccalaureate degree from Zayed University. No students shall graduate with fewer than 120 credits.

2. The University Catalog specifies the graduation requirements for each of the Baccalaureate degrees offered at Zayed University.

Attendance

All students are required to arrive at the University before the beginning of the student’s first class and stay until the student’s last class has ended.

The student is expected to attend all classes for which the student is registered, arriving on time and remaining for the entire period, and to participate actively in all assigned learning activities. If the student arrives late or misses any part of a class, the student will be marked absent. The University’s computer network clock is the official timepiece used in determining absence.

Absence from Class:

- A student who misses 5% of the class meetings allotted for a course will receive the first warning.
- A student who misses 10% of the class meetings allotted for a course will receive a second warning.
- A student who misses more than 15% of the class meetings allotted for a course will fail the course. If there is a legitimate reason for the absence, which has been accepted by the dean of the College in the semester in which the absences occurred, the student will be granted a satisfactory withdrawal from the course.

Missing a Class Because of an Off-Campus Activity

If a student misses a class by attending a required off-campus class activity (for example, field trip or class project), the absence will not be counted provided the instructor of the course signs the student’s off-campus permission slip. If the instructor will not approve the absence off campus, the student will be counted absent in the class that is missed while the student is off campus.

Official events. Students officially representing the University or assigned to participate in an official UAE event shall be excused without penalty. (An official letter from the appropriate government entity should be presented to the relevant college.)

4. College - arranged or academic activities approved by the Dean. Students officially representing the unit or assigned to participate in an official UAE event shall be excused without penalty.

Courses

Descriptions for courses appear on pages in three categories: Academic Bridge Program and Developmental, Baccalaureate, and Graduate. Each listing includes the course prefix, the course number, the course title, the number of semester credit hours for the course, and a brief description of the course. Pre-requisites or Co-requisites, if any, are shown at the end of the course description.
Course Numbers
The University numbers courses from 001-799, according to the descriptions listed below.

001 to 099
Academic Bridge Program and Developmental Courses: Pre-baccalaureate courses designed to enhance the readiness of a student for college-level work through orientation, development, and remediation. These courses count toward course load but not toward completion of degree requirements.

100 to 299
Lower-Level Undergraduate Courses: Courses intended primarily for first and second year baccalaureate students that introduce a field of study or provide foundations for work in a major. These courses bear credit and may count toward completion of degree requirements.

300 to 499
Upper-Level Undergraduate Courses: Intermediate and advanced undergraduate or introductory professional courses, primarily for third- and fourth-year baccalaureate students. These courses bear credit and may count toward completion of degree requirements.

500 to 599
Introductory Graduate or Post-Baccalaureate Professional Courses: Post-baccalaureate professional or introductory graduate courses bear credit and may count toward completion of degree requirements. These courses may also be dual-listed as senior-level undergraduate courses of the same title as long as a difference in quality and depth appropriate to graduate education is specified for students enrolled for graduate credit.

600 to 799
Advanced Graduate or Professional Courses: Advanced courses that may provide credit toward graduate degree requirements in all departments.

Special Topics Courses
Special topics courses are occasional offerings. They typically cover subjects that are not covered in other courses, cover topics in greater depth than can be provided in regular course offerings, or offer the opportunity for an experimental course. Special topics courses function in the same manner as regular courses, with normal expectations for class meetings, a syllabus, and appropriate supervision of student work.

Independent Study
Independent study enables students to study material or pursue projects not available through regularly scheduled courses. An Independent Study that covers content available through a regularly scheduled course will not normally be approved. Students who have completed 30 earned credits or more with a cumulative grade-point average of 3.0 (B) or higher may apply to engage in independent study under the supervision of a faculty member, subject to dean’s approval.

Summer Courses Completed at Another Institution
Transferring Credit from Summer Study at Another Institution
1. A Zayed University student in good academic standing may request permission from the student’s college for summer study at another institution.
   a. A student on academic probation is not eligible for study at another institution.
   b. Prior approval must be secured from the student’s college before credit can be accepted from another institution.

2. To apply to transfer credit from another institution a student must complete a letter of permission available from the student’s college, attach detailed course outlines in English of all courses to be taken, and submit the form and course outlines to the college associate/assistant dean.

The summer host institution must submit an official transcript to the Registrar’s Office. A minimum grade of “C” is necessary for credit to be granted.

Grading System
1. Letter Grades and Quality Points
   At the end of the term or semester in which a course is offered, the instructor shall award students letter grades, each bearing quality points. The quality points earned in each course produce a grade point average (GPA).

2. Definition of Letter Grades
   2.1 “A” is the highest academic grade possible. This grade is not automatically given to a student who ranks highest in the course, but is reserved for accomplishment that is truly distinctive and demonstrably outstanding. It represents a superior mastery of course material and is a grade that demands
a very high degree of understanding as well as originality or creativity appropriate to the nature of the course. The grade usually indicates that the student works independently with unusual effectiveness and often takes the initiative in seeking new knowledge outside the requirements of the course.

2.2 “B” is a grade that denotes achievement considerably above acceptable standards. Good mastery of course materials is evident, and student performance demonstrates a degree of originality, creativity, or both. The grade usually indicates that the student works fairly well independently and often demonstrates initiative.

2.3 “C” indicates an appropriate level of competency in the course’s basic learning outcomes. It is the grade that may be expected of a student with an average level of performance who gives to the work a reasonable amount of time and effort. This grade implies understanding of the content of the course, acceptable mastery of course material and learning outcomes, and completion of all requirements. The student must have a minimum cumulative GPA of 2.0 (C) to earn a baccalaureate degree from Zayed University.

2.4 “D” denotes a limited understanding of the subject matter, meeting only the minimum requirement for passing the course. It signifies work that in quality or quantity falls below the average acceptable standard for passing the course. Performance is deficient in analysis, synthesis, and critical expression. There is little evidence of originality or creativity.

2.5 “F” indicates inadequate or unsatisfactory attainment, serious deficiency in understanding of course material, or failure to complete the requirements of the course.

2.6 There are no grades of A+, D-, F+, or F-.

3. **Quality Points**

Each letter grade has corresponding numerical quality points assigned to calculate the overall grade-point average (GPA) of the student:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Score</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>87-89</td>
<td>3.70</td>
</tr>
<tr>
<td>B+</td>
<td>84-86</td>
<td>3.30</td>
</tr>
<tr>
<td>B</td>
<td>80-83</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>77-79</td>
<td>2.70</td>
</tr>
<tr>
<td>C+</td>
<td>74-76</td>
<td>2.30</td>
</tr>
<tr>
<td>C</td>
<td>70-73</td>
<td>2.00</td>
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<tr>
<td>C-</td>
<td>67-69</td>
<td>1.70</td>
</tr>
<tr>
<td>D+</td>
<td>64-66</td>
<td>1.30</td>
</tr>
<tr>
<td>D</td>
<td>60-63</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>0-59</td>
<td>0.00</td>
</tr>
</tbody>
</table>

4. **Special Grades**

The following grades have “0” quality points:

4.1 Computed in the Grade Point Average

| Withdrawal/Failing | W/F | Administrative withdrawal/Failure in course |

4.2 Not Computed in the Grade Point Average

| Incomplete | I | Temporary grade/Course requirements not completed |
| Pass       | P | Satisfactory achievement |
| Fail       | FL| Unsatisfactory achievement |
| Withdrawal | W | Student withdrawal |
| Transfer Credit | TC | Credit granted for course taken at another institution |
| Audit      | AU| Course taken without credit |
| Satisfactory | S | Satisfactory achievement |
| Unsatisfactory | U | Unsatisfactory achievement |
| Withdrawal/Unsatisfactory | W/U | Administrative withdrawal/Unsatisfactory achievement |
| No Grade   | NG| No grade given |
5. **Incomplete Standing**

Instructors shall assign a grade of Incomplete to students who for reasons beyond their control cannot complete coursework or cannot take the final examination. Students must complete the missing work satisfactorily by the end of the next term or semester. Otherwise the Incomplete grade automatically becomes a grade of “F”. Students with an Incomplete grade in a course that is the prerequisite for a subsequent course may not enroll in the subsequent course until they replace the Incomplete grade with a passing grade.

6. **Failing a Course**

Students who receive an F grade in a course fail the course. Students must repeat courses that they fail if the courses are required in their programs. Students may not enroll in any course for which the failed course is a prerequisite before they pass the prerequisite course. Although they must repeat required but failed courses, students may or may not elect to repeat a failed course that is not required. When a student passes any course once failed, the passing grade replaces the “F” grade in calculating grade point average although the academic transcript continues to display the prior failure. Students who fail a required course twice are subject to review and possible dismissal from the University.

**Review of Final Examination Grade**

A student may request a grade review of a final examination only in the first two weeks of the following semester and upon presentation of substantial and convincing evidence to warrant a review. See the Zayed University Student Handbook 2017-2018 for procedure for requesting a review.

**Request for a Makeup Examination**

If a student misses an examination, a makeup examination may be requested upon demonstration of a valid reason for the student’s absence. Provision of the makeup examination is the decision of the instructor/department. See the Zayed University Student Handbook 2017-2018 for procedure to request a makeup examination.

**Academic Standing**

Satisfactory Academic Standing in the Bridge Program

**Satisfactory Academic Progress**

You must complete all requirements to exit the ABP within two semesters, including the external benchmark requirement (IELTS or TOEFL).

**Academic Probation**

If you do not make satisfactory progress in an ABP level, you will receive a grade of “Unsatisfactory” (U) and must repeat the level in the following semester.

**Exit from the Academic Bridge Program**

To exit the ABP you must pass the ABP ENG040 course or IELTS (International English Language Testing System): An overall band score of 5.5 or higher, or iBT 71 (internet based TOEFL) or higher

**Satisfactory Progress toward the Degree**

The student must make satisfactory progress toward the degree at all levels of study at Zayed University. The maximum time allowed is:

1. Two semesters to meet Academic Bridge Program (ABP) requirements and enter the baccalaureate program. Students should not be granted more than one Special Probation in the ABP.

2. Eight semesters when in a program at the baccalaureate level to complete requirements for graduation.

**Academic Standing in the Baccalaureate Program**

**Satisfactory Academic Standing**

1. Students must earn grades of D or better in all courses in the required English sequence in General Education in their first two years of baccalaureate study.
2. Students must satisfactorily complete all the courses in the required sequence within four semesters of baccalaureate study or they will be dismissed from the University.

**Satisfactory Academic Standing in the Baccalaureate Program**

Students shall be considered in Satisfactory Academic Standing if they maintain a minimum Cumulative Grade Point Average (CGPA) of 2.00. This minimum average is required for graduation.

**Academic Warning**

Students will be given an Academic Warning if:

a. they have a Grade Point Average (GPA) lower than 2.0 with fewer than 21 credit hours in their first semester;

b. they have a CGPA higher than 2.0, but a semester GPA lower than 2.0.

**Academic Probation 1**

Students will be placed on Academic Probation 1 if their CGPA remains lower than 2.0 for the semester after receiving an Academic Warning.

**Academic Probation 2**

Students will be given a final chance by being placed on Academic Probation 2 if their CGPA remains lower than 2.0 for the semester in which they are on Academic Probation 1.

**Academic Dismissal**

Students will be given an Academic Dismissal from Zayed University if their CGPA remains lower than 2.0 for the semester in which they are on Academic Probation 2.

**Special Probation**

Students who have been granted an Academic Appeal by the corresponding college/department will be placed on Special Probation for one semester. Students are eligible for only one Special Probation during their baccalaureate program at Zayed University.

**Administrative Hold**

Failure to pay for lost or damaged University equipment such as laptops, cameras, or textbooks will result in an Administrative Hold being placed on the student’s records. Until the student clears the Administrative Hold by paying for the lost or damaged items, the student will not be permitted to register for courses, will not receive grades or receive a degree, and will not be allowed access to the student’s academic transcript. Any Administrative Hold must be cleared before graduation.

A student who wishes to challenge the accuracy or fairness of his/her final course grade may appeal the grade. Students may not appeal against academic judgement. An appeal must be submitted within three working days of the publication/posting of the final grades. No changes to course grades will be considered after the deadline of this appeal period. For more clarifications please review policy ACA-ADM-14.

**A. Appeal of a Course Grade**

1. A student can request a review of their final course grade by submitting a written appeal to the academic unit to which the course belongs, within three working days from the date of publication of the final grades by the Office of the University Registrar.

2. No changes to course grades will be considered after the deadline of this appeal period.

**B. Appeal of Dismissal for Unsatisfactory Academic Progress**

A student may request a review of the decision to dismiss them for unsatisfactory academic progress by submitting a written appeal to the academic units in which they are enrolled within three working days from the date of publishing the final semester results.

**C. An appeal will be considered only in cases where there is clear evidence of:**

1. substantial error of fact;

2. error of grade calculation;

3. a failure to adhere to the stated requirements of the student’s curriculum as printed in the relevant Zayed University Catalog;

4. substantial and demonstrable irregularity in the assessment of examination process; or a medical, family or personal emergency that has substantially affected the student’s academic performance and can be substantiated by relevant and authenticated documentation

**University Information**

The student receives official notification from the University in writing or by e-mail on attendance and academic warnings. The student is required to read the documents and respond as outlined. Copies of official letters are sent also to parents or guardians.

**Readmission**

A student who was previously enrolled in the Academic Bridge Program may apply for readmission to Zayed University if the student meets the following criteria:

- has obtained a minimum of 5.5 IELTS or 71 on the TOEFL iBT or 1250 EmSAT and
• has obtained the required IELTS or TOEFL iBT or EmSAT score within one year of the student’s last enrollment at Zayed University.

A student who was previously enrolled in credit bearing courses may apply for readmission if the student left the University in good academic standing (CGPA of 2.0 or higher) and can still complete the academic program at Zayed University in the number of semesters allowed. An application for readmission must be filed within one year of the student’s last enrollment at Zayed University. Applicants for readmission require special authorization to be readmitted.

Student Records
All student records are considered confidential. Only the student, the student’s immediate family, and authorized Zayed University personnel may review a student’s records. Unless compelled by law, or upon written authorization from parent, guardian, or student, the Registrar’s Office may not disclose confidential contents of student records to any party outside the University.

Access to Student Records
By applying for admission and enrolling at the University, the student accepts the University’s right to collect pertinent personal information for institutional purposes. Documentation submitted in support of application for admission becomes the property of the University and is used to assess performance in programs and courses, provide the basis for awards, and assist in the academic and financial administration of University affairs.

The student has the right to inspect all documents contained in the student’s record. The student may request that false information is corrected and recipients of false information are advised of the correction. An electronic record of the student’s academic achievements at the University is preserved permanently, but all other documents in student files are destroyed when no longer required.

Transcript of Academic Record
Copies of the student transcript will be issued at the student’s request by the Registrar’s office.

Zayed University Honor Code

In the Name of God Most Gracious Most Merciful

As a student of the University that carries the name of the beloved and revered father of the nation, the late Sheikh Zayed Bin Sultan Al Nahyan (may his soul rest in eternal peace), I pledge to:

• Demonstrate the virtues of honesty, respect and fairness
• Adhere to the highest standards of personal moral conduct
• Refrain from any and all forms of academic dishonesty
• Present a positive image of myself by acting with maturity and honor
• Take responsibility for my actions and do my part to maintain a community of trust
• Dedicate myself to the achievement of the University’s excellence

I promise to honor Sheikh Zayed and to preserve his legacy by following the example set by the wise and beloved father of the United Arab Emirates.

Student Conduct
For further details regarding student behavior, see the Zayed University Student Handbook 2014-2015.

Student Rights and Responsibilities

Student Rights
The student has the right to be taken seriously as a responsible student and be treated with respect and consideration by all members of the University community. The student has the right to pursue studies without unwarranted intrusion. Within the University, the student will be encouraged to think critically and globally, to understand and appreciate diverse views, and to develop the intellectual competencies and work habits appropriate to the student’s field of study and career aspirations. The University will treat the student with respect and ensure that student rights are protected. The University will maintain the confidentiality of its transactions with every student, save where it is the University’s obligation to inform the parent or guardian of academic progress or personal behavior.

Student Responsibilities
The University expects students to meet the highest standards in their academic work and personal conduct during their stay at Zayed University. Each student is required to obey the
rules and regulations of the University as laid out in the Student Handbook and University Catalog. In particular, each student is expected to abide by the Zayed University Honor Code, and all rules and regulations expressed in the Code of Academic Conduct and the Code of Student Conduct. Students are expected to familiarize themselves with these codes and their obligations and responsibilities toward the institution, its faculty and staff, other students, and visitors to the University. The student who breaches any of the rules of the Code of Academic or Student Conduct, as specified in the Zayed University Student Handbook 2014-2015, is subject to University discipline.

Sensitive Materials and Incidents

The University adheres to the United Nations Universal Declaration of Human Rights, Article 19, which states: “Everyone has the right to freedom of opinion and expression; this right includes freedom to hold opinions without interference and to seek, receive, and impart information and ideas through any media and regardless of frontiers.” In a university, the student may encounter ideas or images that fall outside the student's personal value system or frame of reference. Zayed University’s goal is not to alter the student's beliefs or values but rather to educate globally aware, responsible graduates with the capacity for independent critical judgment, exhibiting respectful understanding of diverse points of view and a tolerance for perspectives that differ from their own, as Islam promotes. The university is sensitive to local contexts, laws, and customs.

Library Materials

For the procedure to challenge library books or other library materials, see the Zayed University Student Handbook 2014-2015.

Classroom Materials and Incidents

For the procedure to challenge classroom materials or incidents, see the Zayed University Student Handbook 2014-2015.

Off-Campus Activities

Instructionally related off-campus experiences, such as work internships, field trips, study abroad, and research projects are key elements of the Zayed University curriculum. They provide meaningful interaction with local and international communities and reflect University priorities and the University and Program Learning Outcomes. These activities in effect take place during the regular class day and are supervised by the University. Students are required to attend these activities as part of their regular course requirements.

No special parent/guardian permission is required for students participating in off-campus academic trips within the city or surrounding area. Successful completion of any course at Zayed University requires participation in all course-related assignments.

Placement of Interns

The University reserves the right to determine placement of interns, without further permission of parent or guardian.

Academic Honors

Zayed Scholars

Eligibility

Any current student with a semester Grade Point Average of 3.60 or above who completed a full load as defined in ACA-ADM-04 with no grades of incomplete (I) or withdrawal (W) the previous semester.

Process

Each semester the Office of the University Registrar produces a list of students eligible to be Zayed Scholars and Zayed Scholars with Honors, at the end of the Add/Drop period. This list is forwarded to the Provost’s Office for approval and announcement. Any student with a semester Grade Point Average of 3.60 or above but less than 3.80 will be named a Zayed Scholar for Semester. Any student with a semester Grade Point average of 3.80 or greater will be named a Zayed Scholar with Honors.

B. Graduation Honors

Any graduating student with a Cumulative Grade Point Average (CGPA) of 3.6 or above will be awarded Honors at graduation as follows:

Graduating CGPA of 3.90 to 4.00 Highest Distinction
Graduating CGPA of 3.70 to 3.89 High Distinction
Graduating CGPA 3.6 to 3.69 Distinction

Process

Once final grades have been recorded each semester, the Office of the University Registrar will produces a list of students eligible to be awarded Distinction, High Distinction and Highest Distinction. This list is forwarded to the Provost’s Office for approval. Graduation Honors will be announced at the graduation ceremony and will be recorded on the students’ academic transcripts.
Graduate Programs

Introduction

As part of its mission to support the economic and social advancement of the United Arab Emirates, Zayed University offers high quality programming at the graduate level. Professional master’s degree programs in business, communications, diplomacy and international affairs, education, health care administration, public administration, information technology and judicial studies provide advanced training for recent graduates as well as mid-career professionals seeking to upgrade their skills.

Zayed University’s master’s degree programs are fully approved by the U.A.E. Ministry of Education. As Zayed University is accredited by the Middle States Commission on Higher Education, graduate programs are internationally recognized for further education and employment in private and public sector organizations.

The University’s academic policies for undergraduate programs govern graduate programs, except as specifically altered in regard to particular issues such as grading and academic progress.

Admissions and Fees

Admission of male and female national and international students to Zayed University master’s programs is subject to minimum academic and, in some instances, work experience standards which are defined by the Office of Graduate Studies. Colleges may set higher admission standards for specific programs. Specific entry requirements for each graduate program are available in the Zayed University Catalog or on the Office of Graduate Studies website: http://www.zu.ac.ae/main/en/graduate_programs/Admission_Fees.aspx

Admission to any Zayed University graduate program is limited and competitive and applicants meeting minimum academic standards for individual programs may not receive an admission offer. The University reserves the right to rank applicants or categories of applicants in order of merit for the purpose of admission. The College Graduate Program Admissions Committee makes admission recommendations for approval by the Dean of Graduate Studies based on review of the application and interview performance.

Admission Requirements

Pre-requisites

- An earned four-year baccalaureate degree from an accredited university with a grade point average (GPA) of 3.0 or higher on a 4.0 point scale (or equivalent).
- Executive Masters Degree applicants (EMBA) must demonstrate suitable professional proficiency equivalent to at least three years of mid- to upper-level supervisory experience.
- Executive Masters in Business Administration and Master of Management in International Business degree applicants are required to have a basic knowledge of accounting, finance, economics, and statistics prior to gaining entry into the master’s degree program. Applicants may therefore be required to successfully complete appropriate pre-program courses at the discretion of the Graduate Program Admissions Committee. Applicants requiring pre-program courses may be subject to an additional fee.
- Students who have completed the equivalent courses at other institutions at the tertiary level may be exempted from this requirement.
- Applicants for other programs requiring specialized disciplinary knowledge at the baccalaureate level may be required to successfully complete selected pre-program courses. Applicants requiring pre-program courses may be subject to an additional fee.
- The language of instruction in all programs, except the Master of Arts in Judicial Studies program that is offered in Arabic, is English. Applicants to English language programs must meet one of the following requirements:
  - an IELTS academic score of not less than 6.0; or
  - a TOEFL internet based total score of 79, or
  - a native speaker of English with an earned baccalaureate degree from a university in which English is the language of construction and which is located in a country where English is an official language.

English language proficiency test results are normally considered valid if the tests were taken no more than two years prior to the admission deadline date of the Zayed University graduate program the applicant in applying for.

Other Admission Requirements

- Transcript
  Applicants are required to submit an official
transcript with an English translation (if in another language) from the university granting the degree. The transcript should indicate the degree and when it was conferred. If the transcript does not include this information, an official degree certificate must be submitted. If the degree is awarded by a foreign university, an equivalency letter from the U.A.E. Ministry of Education recognizing the degree must be submitted prior to registration in a graduate course.

• **Essay**
  Applicants, other than Master of Education degree applicants, are required to submit a 250-word essay in English (or in Arabic for Arabic language programs) stating how the degree will support the applicant's career goals.

  Applicants for the Master of Education programs must submit two essays in English, each limited to two typewritten pages. The first essay must describe the aptitude and motivation for graduate study in education, preparation for the field of study, academic plans, and future career goals. The second essay must explain how the applicant's personal background informs the decision to pursue the graduate programs in education. Applicants should include relevant educational, familial, cultural, economic or social experiences, challenges, or opportunities and discuss potential contributions to the improvement of education.

• **Writing Sample**
  Applicants for Master of Arts in Communications and Master of Arts in Diplomacy and International Studies programs must submit, in addition to the essay, a writing sample (maximum 5 pages in 12 pt. font) in English (preferably a technical document such as a report; an academic essay is also acceptable).

• **Recommendation Letters**
  Applicants must submit two letters of personalized professional or academic recommendation in English (or in Arabic for Arabic language programs). One letter should be from the applicant's current line manager/supervisor. An applicant who does not have work experience may provide two academic letters of reference. The second letter should preferably be from a teacher or other education provider.

• **Admission Interview**
  A successful interview in English (or in Arabic for Arabic language programs) with the Graduate Program Admissions Committee is required to confirm interest in the program, academic preparedness and suitability of the program to the applicant’s career goals. The Graduate Program Admissions Committee may also request a writing sample and/or admissions test as part of the interview. The interview for candidates meeting the minimum general admission requirements appropriate to the program will be scheduled once the Office of Graduate Studies has received the completed Application for Graduate Program Admission form, all supporting documents and the non-refundable application fee. International applicants may request to be interviewed by videoconference. Applicants should consult the Zayed University Graduate Programs website for further information regarding interviews.

• **Technology Expertise**
  Students must supply their own laptop computer no more than three years old. Applicants must be able to use email, the Internet, and Microsoft Word.

**Other Requirements**
- A completed application form
- A current resumé in English. The resume or CV should clearly indicate work/professional experience and educational milestones.
- A valid passport copy
- Two passport-size photos
- A U.A.E. ID copy (for residents of the U.A.E.)

**Application Procedure**

**Application**
- Admission is open to males and females of all nationalities.
- An important factor in the success of the graduate programs is the quality of the participants. Zayed University seeks highly motivated individuals who can make a strong personal commitment to the time requirements of the program.
- Graduate programs are delivered on a cohort basis to maximize the ability of students to learn from each other. The size of each entering class is normally limited to 30 students to ensure a cohort of highly qualified and committed participants. The application is the candidate's introduction to the Graduate Program Admissions
Committee. All materials should be submitted electronically as PDF files. A carefully assembled and professional set of application materials will strengthen the case for admission to the program.

Application Process

- Applications for admission are subject to specific deadlines. Applicants are encouraged to submit applications and supporting documents well in advance of posted deadlines to receive early consideration and interview. Incomplete applications or applications received after the deadlines may not be considered for admission to the selected graduate program cohort. Application deadline dates are posted on the website: http://www.zu.ac.ae/main/en/graduate_programs/key_dates.aspx and are subject to change without notice.

- Applications must be submitted electronically via the e-service GS-1-APPGRAD.

- Applications will not be processed unless they are accompanied by all relevant documentation and the nonrefundable application fee of AED 400.

Admission Offers

Applicants who are recommended for admission by the Graduate Program Admissions Committee and approved by the Dean of Graduate Studies will be notified of the status of their admission via their official Zayed University e-mail address. Program admission is confirmed on payment of the nonrefundable cohort registration fee. Fully admitted students will be registered for all required program courses.

Admission offers may be withdrawn if it is determined that such offers were made on the basis of incomplete or inaccurate information supplied by the applicant or a certifying authority, or where an applicant is excluded from any tertiary institution or tertiary program, and has not so advised Zayed University.

International Graduate Applicants

International graduate applicants seeking to study at Zayed University must obtain an international student visa. Procedures for sponsorship cannot commence until after the applicant has accepted an unconditional offer of admission and has paid all fees due as per the Letter of Offer. Applicants should allow at least two weeks for processing. Acceptance by Zayed University does not guarantee issue of a student visa by the immigration authorities.

Students should apply for an international student visa before the commencement of their studies by submitted a completed Student Visa Request form and providing all required supplementary items (http://www.zu.ac.ae/main/files/images/enroll/registrationOffice/newForms/Visa_Student_Request_Form_30April.pdf).

The student is responsible for all visa related fees. Students whose visa applications are rejected will incur costs associated with the visa application process.

International students must also supply proof of appropriate and current international medical insurance for the duration of their planned period of study. International students sponsored by Zayed University are not permitted to work while studying.

The University reserves the right to monitor the academic progress and attendance of all international students. International students are expected to study full time to meet the requirements of their student visa, and any withdrawals from individual courses are monitored. In case of non-attendance and/or failure to satisfy the minimum requirements for academic progress, the University’s sponsorship of the student’s visa will be terminated. Students who wish to terminate their studies prior to the expiry date of the visa will have their Zayed University sponsored visa cancelled immediately. In these circumstances, students must make arrangements to leave the United Arab Emirates or seek other forms of sponsorship. It is the student’s responsibility to maintain a valid visa at all times.

Deferment

On recommendation of the Graduate Program Admissions Committee, Zayed University may permit deferment of an offered place for up to one year. A student must notify the Office of Graduate Studies in writing that he or she would like to join the next cohort before the program’s admission deadline.

Grading and Academic Progress for Graduate Students

Except as modified by the following, Zayed University graduate students are subject to University grading policies and academic progress policies.

Only courses graded “A,” “B,” and “C” (with or without plus or minus signs) are accepted in satisfaction of graduate degree requirements. Courses graded below “C” are counted in a student’s cumulative grade-point average calculation but do not yield credit toward a graduate degree.

A student who receives two “C” grades (with or without plus or minus signs) will be placed on academic probation if the student’s cumulative grade-point average is below 3.0. The student
will be removed from academic probation if and when the student’s cumulative grade-point average increases to 3.0 or above. Students receiving a third “C” grade (with or without a plus or minus sign), while their cumulative grade-point average is below 3.0, are eligible for academic dismissal from the program for failure to make satisfactory academic progress.

Students receiving a grade of “F” in any course are eligible for academic dismissal from the program for failure to make satisfactory academic progress.

**Program Costs**
Program costs include orientation, tuition, textbooks, course notes, access to library facilities and computing services, support of the Zayed University Computing Services staff, and graduation.

A non-refundable cohort registration fee of 10% of the total tuition fee must be paid within 5 working days after applicants have received their admission letter to guarantee enrollment in the program.

**Graduate Student Support**
In addition to external financial awards, Zayed University offers limited financial support for registered students in its post-baccalaureate programs in the form of scholarships and assistantships. A scholarship is a non-service award made to graduate students to assist in the pursuit of an advanced degree. An assistantship is an appointment to specified compensated teaching and/or research duties.

**Graduate Merit Scholarships**
Zayed University provides Graduate Merit Scholarships to attract highly qualified students for study leading to a master’s degree. These scholarships are awarded to graduate students on the basis of academic merit as determined from academic performance in senior baccalaureate courses. All entering graduate students are considered for this award. Graduate Merit Scholarship support is valued at up to 20% of program tuition and may not be stacked with another award (valued at AED 25,000). Graduate Merit Scholarships cannot be deferred.

**Award Eligibility**
To be eligible to receive this award, students
- must receive an offer of full admission to a Zayed University master's degree program; and
- may not hold other awards totaling AED 25,000 (excluding Zayed University GTA, GRA and Zayed Alumni Scholarship).

**Award Determination Protocol**
The Office of Graduate Studies computes a scholarship qualifying grade point average (GPA) based on a standard 4.0 scale and standard Zayed University letter grade to quality point conversions by considering letter graded senior baccalaureate courses recorded in the student's official baccalaureate transcript. Post baccalaureate and non-academic grades are not considered.

Conversions from other systems to Zayed University letter grades are guided by the World Education Services data.

The level of award is determined by the scholarship qualifying GPA as follows:
- 3.50 GPA < 3.70; 10% tuition costs
- 3.70 GPA < 3.85; 15% tuition costs
- 3.85 GPA; 20% tuition costs

**Award Payment**
Award payments will be credited to the recipient’s Zayed University student account, pro-rated over the student’s approved fee payment schedule. Award payments terminate and Zayed University reserves the right to recover scholarship monies paid if the recipient:
- receives other support such as holding other awards totaling ≤ AED 25,000 (excluding Zayed University GTA, GRA and Zayed University Alumni Scholarship), or
- withdraws from the program, or
- takes leave, or
- is dismissed for academic or other reasons.

**Award Approval**
The award is subject to final approval of the Vice-President.

**Zayed University Alumni Graduate Scholarships**
Zayed University alumni who receive full admission to a Zayed University master’s degree program are eligible for a scholarship valued at up to 10% tuition costs. Zayed University Alumni Graduate Scholarships cannot be deferred.

**Award Eligibility**
To be eligible to receive this award, students
- must submit a complete Zayed University graduate program admission application prior to the published application deadline, and
- must receive an offer of full admission to a Zayed University master’s degree program; and
• may not hold other awards totaling AED 25,000 (excluding Zayed University GTA, GRA and Merit Scholarship), and
• must hold a Zayed University baccalaureate or master’s degree.

Award Determination Protocol
All Zayed University alumni qualify for this award.

Award Payment
Award payments valued at 10% of tuition will be credited to the recipient’s Zayed University student account, pro-rated over the student’s approved fee payment schedule. Award payments terminate and Zayed University reserves the right to recover scholarship monies paid if the recipient:

• receives other support such as holding other awards totaling AED 25,000 (excluding Zayed University GTA, GRA and Merit Scholarship), or
• withdraws from the program, or
• takes leave, or
• is dismissed for academic or other reasons.

Award Approval
The award is subject to final approval of the Vice-President.

Graduate Teaching and Research Assistantships (GTA and GRA)
Highly qualified graduate students may be eligible for limited and competitive Graduate Teaching Assistantship (GTA) or Graduate Research Assistantship (GRA) support.

Graduate students holding a GTA will assist faculty by performing specified teaching or teaching related duties which may include classroom instruction, provision of tutorials and help/review sessions, developing teaching materials, proctoring examinations, and limited grading responsibilities.

Graduate students holding a GRA will assist Zayed University faculty in carrying out funded faculty-driven research. GRA responsibilities include but are not limited to conducting literature reviews, collection of primary research data, data logging, management and analysis.

Award Eligibility
Students with current graduate course registrations are eligible to apply for these awards. However, selection is limited and competitive and not all applications are successful. Zayed University employees are not eligible for GTA or GRA support.

Students receiving a GTA/GRA award:
• must be currently enrolled in a Zayed University master’s degree program;
• must demonstrate English language proficiency to IELTS 6.5 (or equivalent);
• will normally have completed at least 6 credit hours (Colleges may require a higher minimum number of credit hours) of graduate courses; and,
• must be in good standing.

Award Limitations
The duration of a GTA/GRA appointment is one academic semester (as defined by the current Zayed University Catalog). GTA/GTR appointments may be terminated with one month’s notice if the recipient

• fails to maintain academic good standing, or
• fails to adequately perform responsibilities.

GTA/GTR recipients may not simultaneously hold other on campus employment commitments. GTA/GRA recipients may work a maximum of 9hrs/week during a semester. The maximum duration of GTA/GRA support is limited to 4 semesters.

Award Compensation
GTA Recipients will receive a monthly stipend. As with most professional appointments the actual time worked/week may vary but the expectation is as follows:

• Full GTA, max. 15hrs/week/semester; compensation = AED 12,500/semester + 10% tuition costs
• Half GTA, max. 7.5hrs/week/semester; compensation = AED 6,250/semester + 5% tuition costs

Tuition credit is paid to the recipient’s student account, pro-rated over the approved payment schedule.

GRA Recipients will receive a monthly stipend from the Research Supervisor’s Grant as follow:

• Max. 20hrs/week; compensation = AED 35-130/h.

Award Application
GTA/GRA applicants must submit the following documents to the Office of Graduate Studies at least two weeks prior to term commencement:

• Completed GTA/GRA application form
• Current CV or resume

Award Approval
GTA awards are approved by the Dean of Graduate Studies on the recommendation of the College. GRA awards are approved by the Assistant Provost for Academic Affairs and Research on
recommendation of the supervisor. All awards are subject to final approval of the Vice President.

**Zayed University Employee Graduate Education Scholarship**

Limited and competitive scholarship support is provided for qualifying full-time Zayed University staff to assist in completing a Zayed University master’s program that directly supports their career development. The scholarship is valued at up to 40% of the published graduate program tuition.

**Award Eligibility**

Zayed University employees who meet all the following criteria may apply for support under the benefit:

- are classified as staff as defined by Human Capital policy and procedure;
- are not in their probation period or on leave;
- have a regular full-time contract;
- have worked at Zayed University for a minimum of 1 year prior to the published program admission deadline;
- have been rated as “Exceeds Expectations” within the last three years of employment at Zayed University;
- are recommended by their supervisor; and,
- have received an offer of full admission to a Zayed University master’s degree program.

**Award Limitations**

- Studies taken under the employee benefit shall normally support the applicant’s career development.
- Support may not be held in combination with any other (AED 25,000) scholarship award excluding Zayed University Merit Scholarship and Zayed University Alumni Scholarship.
- Support is limited to the specified required courses corresponding to the approved program curriculum as listed in the current Zayed University Catalog.
- Recipients enrolled in graduate courses must be in good academic and financial standing to retain eligibility; failure to do so may result in cancellation of the award.
- Recipients have a responsibility to complete the program according to the published schedule; failure to make adequate academic progress may result in cancellation of the award.
- Recipients must adhere to all Zayed University policies and procedures.
- Recipients must maintain a minimum annual employee performance standing of “fully successful”.
- Candidates may only submit one application in any fiscal year.

**Award Benefits**

- The scholarship, valued at up to 40% of program tuition, is credited to the recipient’s student account pro-rated over the approved student payment plan.
- Recipients are responsible for the application fee (AED 400), the 10% nonrefundable registration fee and any additional expenses including cost of out of sequence courses (e.g. course repeats), field trips etc.
- Recipients are eligible for a maximum of 3 days leave per semester, on approval of their supervisor, in conjunction with fulfilling the academic program requirements.
- The scholarship may not be deferred or transferred.
- Recipients will be billed for the total program costs if they resign from University employment or if their employment is terminated prior to one year following program completion.
- Up to 5 awards will be made annually; up to 3 awards are reserved for citizen employees.

**Award Application Procedure**

Eligible Zayed University employees intending to apply for support under this program must first obtain full admission to a Zayed University master’s degree program. Applicants must submit the following documents to the Office of Graduate Studies by the published deadline date:

- completed and signed “Zayed University Employee Graduate Scholarship Program Application Form”;
- completed and signed “Zayed University Employee Graduate Scholarship Program Supervisor Support Form”; and,
- copy of Zayed University master’s program admission letter.

**Award Selection Procedure**

Support under this benefit is limited and competitive. Completed applications received by the deadline date will be reviewed by a selection panel composed of delegates from Human Capital and the Office of Graduate Studies. The selection
panel determines the amount of scholarship, which may be up to 40% of the program fee. Their decision will take into account the benefit to the applicant in terms of developing his/her skills and knowledge as well as the benefit to the University from the applicant's proposed further study. The selection panel may also take into account staff recruitment and retention issues, as well as the current and potential future roles of the applicant.

**Award Approval**
The award is subject to final approval by the Vice-President.

**Contact**
The Office of Graduate Studies  
Zayed University  
P.O. Box 144534 Abu Dhabi, U.A.E.  
Tel: +971-2-599-3605  
Web: www.zu.ac.ae/gradstudies

<table>
<thead>
<tr>
<th>College</th>
<th>Program</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>College of Business</strong></td>
<td>Executive Masters of Business Administration (EMBA)</td>
<td>AED 128,000</td>
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<tr>
<td></td>
<td>Master of Management (M.M.) in International Business</td>
<td>AED 128,000</td>
</tr>
<tr>
<td></td>
<td>Master of Science (M.S.) in Finance</td>
<td>AED 96,000</td>
</tr>
<tr>
<td><strong>College of Communication &amp; Media Sciences</strong></td>
<td>Master of Arts (M.A.) in Communications</td>
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<tr>
<td><strong>Concentration in Tourism and Cultural</strong></td>
<td>AED 96,000</td>
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<tr>
<td></td>
<td>Master of Arts (M.A.) in Communications Concentration in Strategic Public Relations</td>
<td>AED 96,000</td>
</tr>
<tr>
<td><strong>College of Education</strong></td>
<td>Master of Education (M.Ed.) Educational Leadership and Administration</td>
<td>AED 84,000</td>
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<tr>
<td></td>
<td>Master of Education (M.Ed.) in Special Education</td>
<td>AED 84,000</td>
</tr>
<tr>
<td></td>
<td>Master of Education in Teaching and Learning</td>
<td>AED 84,000</td>
</tr>
<tr>
<td><strong>College of Humanities and Social Sciences</strong></td>
<td>Master of Arts (M.A.) in Diplomacy and International Affairs</td>
<td>AED 128,000</td>
</tr>
<tr>
<td></td>
<td>Master of Arts (M.A.) in Judicial Studies</td>
<td>AED 96,000</td>
</tr>
<tr>
<td><strong>College of Technological Innovation</strong></td>
<td>Master of Science (M.S.) in Information Technology Concentration in Cyber Security</td>
<td>AED 96,000</td>
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</tbody>
</table>

**Advising**

**Office for Undergraduate Student Academic Success**
The Office for Undergraduate Student Academic Success coordinates advising services and provides academic support to undergraduate students. Services include academic advising, student success workshops, parent workshops, small learning communities, and degree audits. Students can find information about academic program options and requirements, how to select or change programs, degree progress reports, and a variety of other services designed to help students achieve their desired degrees. For more information or to contact us, go to: http://www.zu.ac.ae/main/en/oss/welcome.aspx.

**Student Success Workshops**
The Office for Undergraduate Student Academic Success offers a series of weekly workshops on a variety of topics related to academic success. Students will find the help they need to develop effective study skills and concrete strategies for success to reach their full scholastic potential. Programs include academic skills development workshops, sessions with study skills specialists, academic study plans, and more. Academic advising, registration for classes, and an introduction to campus life constitute the main orientation workshop activities. For a detailed list of workshops, go to: http://www.zu.ac.ae/main/en/oss/academic_success_prog.aspx.
Program’s Information Day

Many students are hungry for advice as they start searching for information on majors and careers. The Programs Information Day is coordinated by the Office for Undergraduate Student Success and the college academic advisors to prepare students to apply for the programs. The event provides invaluable information sessions, workshops, and advising for students interested in learning more about college programs at Zayed University.

Students meet with faculty, advisors, and staff with inside knowledge of various programs in the College of Arts and Creative Enterprises, College of Business, College of Communication & Media Sciences, College of Education, College of Technological Innovation, College of Humanities and Social Sciences, and the College of Natural and Health Sciences. The program includes live demonstrations, multi-media presentations, video, virtual reality, gaming, art and design displays, and much more. Students are able to sign up for college tours, academic success workshops, individual advising sessions, and other student support activities. College program brochures, course information sheets, and eight-semester college program plans to ensure time-to-degree are available and distributed to students.

Academic Advising

College program advising is available to all undergraduate students on an ongoing basis through the College Academic Advisors and the Office for Undergraduate Student Academic Success. Academic advisors are available in each college to review degree requirements, course options, various academic programs and a wide variety of other academic advising questions. Students should schedule an appointment through GradesFirst to meet with their academic advisor. Students can see their assigned academic and faculty advisors in the Parent Access Program (PAP). Students can access PAP at http://www.zu.ac.ae/main/en/.

Faculty Advisors

All students are assigned a faculty member in their program as their primary advisor. Students are required to meet with their faculty advisors at least once per semester. Most students meet with their advisor several times per semester. New students meet their University College faculty advisor during the first week of classes regarding general education requirements and coursework. If you are not sure who your advisor is, check the Parent Access Program (PAP) at http://www.zu.ac.ae/main/en/.

Degree Progress Reports

Degree progress reports are available to inform students of their academic progress, requirements met and requirements remaining for both their departmental program and their general education coursework. Students should review these reports regularly and refer to them when registering for courses every semester. Students should be familiar with their degree progress when seeking academic advising. Students can access their degree progress reports by going to Degree Works from the campus Intranet web site at http://degwapp.zu.ac.ae/.

Parent Workshops

Parent workshops are designed to help parents learn more about the college experience and how they can to help prepare their student for college success. Workshops are offered during orientation and throughout the year on the college campus and at local schools. Topics include:

- Helping Your Student Make a Successful transition
- College Survival Guide
- Embracing your new role as a college parent
- Dealing with college officials
- College Expectations
- Understanding the College Lingo

For more information, go to: http://www.zu.ac.ae/main/en/oss/parent_workshops.aspx.
University College

Departments
- Advising and Academic Development
- English and Writing Studies
- Interdisciplinary Studies
- Mathematics and Statistics

Programs

General Education

Minor
Applied Mathematics

Mission:
University College offers high quality General Education to students and prepares them for their future majors and eventual employment.

General Education Program

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

1. Critical Thinking and Quantitative Reasoning: Zayed University graduates will be able to demonstrate competence in understanding, evaluating, and using both qualitative and quantitative information to explore issues, solve problems, and develop informed opinions.

2. Global Awareness: Zayed University graduates will be able to understand and value their own and other cultures, perceiving and reacting to differences from an informed and socially responsible point of view.

3. Information Literacy: Zayed University graduates will be able to find, evaluate and use appropriate information from multiple sources to respond to a variety of needs.

4. Language: Zayed University graduates will be able to communicate effectively in English and Modern Standard Arabic, using the academic and professional conventions of these languages appropriately.

5. Leadership: Zayed University graduates will be able to undertake leadership roles and responsibilities, interacting effectively with others to accomplish shared goals.

6. Technological Literacy: Zayed University graduates will be able to effectively understand, use, and evaluate technology both ethically and securely in an evolving global society.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GEN120</td>
<td>Life Skills</td>
<td>3</td>
</tr>
<tr>
<td>GEN130</td>
<td>Arabic Concepts</td>
<td>3</td>
</tr>
<tr>
<td>GEN140</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>GEN150</td>
<td>Global Awareness I: Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEN135</td>
<td>Islamic Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>GEN145</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>GEN175</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>GEN185</td>
<td>Methods of Scientific Research and Development</td>
<td>3</td>
</tr>
<tr>
<td>GEN195</td>
<td>Living Science: Health and Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEN220</td>
<td>Fundamentals of Innovation and Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>GEN255</td>
<td>Emirates Studies</td>
<td>3</td>
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</tbody>
</table>

Minor in Applied Mathematics

A minor in Applied Mathematics should be attractive to students joining in a variety of disciplines within the College of Humanities and Social Sciences, the College of Natural and Health Sciences, the College of Business, and the College of Technological Innovation. This minor provides formal recognition of the strength and depth of a student’s quantitative knowledge beyond the foundational mathematics requirements of the General Education.

Applied mathematics and statistics are subjects which concentrate on the use of mathematical methods and reasoning to solve real-world problems of a scientific or decision-making nature in a wide variety of areas, principally (but not exclusively) engineering and technology; the physical, biological, and health sciences; economics, business, and the social sciences.

The minor in Applied Mathematics is available to all Zayed University students except those in the B.S. in Education, Concentration in Upper Primary, Preparatory Education, Teaching Field in Mathematics. To be eligible for enrollment in the minor, a student must have completed at least one semester in an approved degree program and have a minimum grade point average of 2.5.

To complete both their degree program and minor
programs within the number of semesters allowed for study at Zayed University and without having to enroll in

an overload course schedule, students intending to enroll in the Applied Mathematics minor should consider commencing the program of study at the beginning of their second baccalaureate year, i.e. one semester in advance of making the formal registration.

The minor in Applied Mathematics requires a student to study 21 credit hours of mathematics and statistics courses, with a minimum of nine credit hours at the 300- course level or above.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours: (12 Required)</th>
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<tbody>
<tr>
<td>MTH121 Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MTH122 Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MTH281 Probability and Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MTH331 Linear Algebra</td>
<td>3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>Credit Hours: (9 Required)</th>
</tr>
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<tbody>
<tr>
<td>MTH341 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MTH351 Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MTH353 Numerical Analysis</td>
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<td>MTH390 Selected Research Project</td>
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Total: 21
College of Arts and Creative Enterprises

Degrees

Bachelor of Fine Arts in Animation Design
Bachelor of Fine Arts in Graphic Design
Bachelor of Fine Arts in Interior Design
Bachelor of Fine Arts in Visual Arts
Bachelor of Science in Multimedia Design (joint program with College of Communication and Media Sciences and College of Technological Innovation)

Minor

Minor in Curatorial Practices

Mission

| CREATIVE | INNOVATIVE | COLLABORATIVE | EMPOWERING |

The college mission is to prepare graduates who are Creative, Innovative, Collaborative and Empowered is accomplished through specializations and initiatives in which students:

- Integrate traditional and new practices in the production of exciting and innovative outcomes;
- Are adaptable and flexible in their professional practices; and
- Give back to their community.

Bachelor of Fine Arts in Animation Design

In Animation, students develop concepts and technical skills in three-dimensional computer modeling and animation, digital video, and web design using industry-standard software. Students explore all types of virtual visualizations including text animation and motion graphics, character animation, story telling, and architectural modelling, rendering, and animation.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Theory and History of Animation: Identify and classify animation styles and production processes from the evolved history of animation practice and utilize these in contemporary contexts.
2. Professional Art & Design Practice: Communicate an idea or express a narrative or concept to a range of audiences while following time-management, and appropriate communication skills. Apply a range of art and design skills in animation, as well as in the professional practices of the animation field.
3. Critical Thinking: Develop an animation project and defend creative visual outcomes to an informed audience. Participate in critical discussion of the arts and the relationship to the creative process with a focus on animation.
4. Visual Literacy: Analyze complex visual and spatial problems to develop innovative animation and design solutions.
5. Information Technology: Use and combine multiple traditional and emerging hardware and software technologies in the execution of animation projects.
6. Teamwork and Leadership: Provide creative and constructive input to pursue a shared goal and collaborate effectively in animation production projects. Lead or cooperate among group members while assuming responsibility for self and group outcomes.

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<td>Illustration and Visual Narrative</td>
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<td>AAH324</td>
<td>Contemporary Islamic Art and Architecture</td>
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<td>History of Design</td>
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<td>AAH326</td>
<td>Representation: Exhibition, Display and Interpretation I</td>
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<td>AAH327</td>
<td>Representation: Exhibition, Display and Interpretation II</td>
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### Program Electives List

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AVA411 Painting II 3
AVA415 Mixed Media 3
AVA418 Installation 3
ADR421 Material Culture of the United Arab Emirates 3
ART495 Independent Study 3
ART497 Special Topics in Art and Design 3

Bachelor of Fine Arts in Graphic Design

In Graphic Design, students acquire theoretical and practical knowledge in design and practice while developing a variety of skills in print and media design. Through their course work, students explore typography, publication and packaging design, advertising, branding, and web design. They also learn about project briefs, research, and client interaction, and how to pitch, develop, and finally implement design proposals. Through community engagement and team-directed and client-based projects, students are encouraged to understand the social and cultural dimension of any project in order to become innovative leaders in design.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Theory and History of Graphic Design: Demonstrate an understanding of the evolution of graphic design and utilize styles and theoretical analyses to general visual solutions.
2. Professional Graphic Design Practice: Test academic knowledge in real practice scenarios by delivering an idea to a range of audiences while following professional standards, time-management, and appropriate communication skills.
3. Critical Thinking: Define, analyze a problem, empathize with an audience, as well as conceptualize and evaluate potential design solutions.
4. Visual Literacy: Demonstrate an understanding of the fundamentals of visual language to effectively communicate and convey ideas and/or messages through innovative design solutions.
5. Information Technology: Integrate multiple design technologies with knowledge and proficiency in the appropriate media.

6. Teamwork and Leadership: Participate in team dynamics prior to pursuing a stated goal and understand the importance of collaboration while assuming responsibility for self and team outcomes.

General Education

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Program Required Courses

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### ART History Electives List

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</table>
Bachelor of Fine Arts in Interior Design

In Interior Design, students acquire the appropriate technical skills and conceptual knowledge to design functional, safe, and aesthetically appealing interior architectural spaces for their clients. Students work on small residential to large commercial projects and learn about soft and hard decorative finishes, illumination, and the interplay between social and natural environments. Through research, problem solving, and applied practice, students understand the complexities of the built environment while developing creative solutions.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Theory and History of Art and Interior Design: Comprehend and employ historical cases and theoretical analysis as platform to initiate research design development in the context of human habitation in interior spaces.

2. Professional Interior Design Practice: Exhibit the ability to develop interior design assignments in the context of design practice fundamentals supported by internship to test their academic knowledge in the real practice scenarios.

3. Critical Thinking: Define and analyze a given design problem, evaluate and test potential solutions, develop the project through a rigorous process, and defend the outcome (orally and graphically) to an informed audience.

4. Interior Design Literacy: Demonstrate the proper design skills to formulate complex spatial problems and provide responsive and innovative solutions, while considering the social, behavioral, technical, and physical constraints.

5. Information Technology: Understand the limitations of technology to select the appropriate digital media for interior design developments, and demonstrate an integrated approach by utilizing multiple technologies in their design projects and portfolios.

6. Teamwork and Leadership: Exhibit character of supportive, flexible, trust, and self-reliance in a group setting to engage in the development of a successful outcome.

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<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
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<tbody>
<tr>
<td>GEN110 Data Management and Analysis</td>
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<tr>
<td>GEN120 Life Skills</td>
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<tr>
<td>GEN130 Arabic Concepts</td>
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<tr>
<td>GEN140 English Composition I</td>
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<tr>
<td>GEN150 Global Awareness I: Human Geography</td>
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<td>GEN135 Islamic Civilization I</td>
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<td>GEN145 English Composition II</td>
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<td>GEN175 Introduction to Information Technology</td>
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<td>GEN185 Methods of Scientific Research and Development</td>
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<td>GEN195 Living Science: Health and Environment</td>
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<td>GEN220 Fundamentals of Innovation and Entrepreneurship</td>
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<td>GEN255 Emirates Studies</td>
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<td>EWS240 English Composition III</td>
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<td>ART201 Principles of Design</td>
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<td>ART205 Art Foundations</td>
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<td>ARA370 Advanced Arabic language Skills in Art and Design</td>
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<tr>
<td>AID279 CAD I</td>
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<td>AID287 Interior Design Studio I</td>
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<tr>
<td>AID311 Drawing for Designers</td>
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<td>ART220 Introduction to Art History</td>
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<td>AID336 Interior Design Studio II</td>
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<td>AID337 Color and Light Design</td>
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<td>AID379 CAD II</td>
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<td>AID391 Interior Design Materials and Construction</td>
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<td>ART221 Research Methods for Artists and Designers</td>
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<td>ART223 Arts of the Modern World</td>
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<td>AID385 Interior Design Studio III</td>
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<td>AID387 Furniture Design</td>
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<td>AID388 Environmental Control Systems</td>
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<td>ADR492</td>
<td>Senior Research Seminar</td>
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<td>AVA340</td>
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<td>AVA345</td>
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<td>Art Education</td>
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<td>AVA340</td>
<td>Photography I</td>
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<td>AVA345</td>
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### Program Electives

**Credit Hours: (15 Required)**

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<tr>
<th>Elective Type</th>
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<td>2 ART History Electives (from CA)</td>
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<td>1 Non ART Elective (from any colleges except CA)</td>
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### ART History Electives List

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<td>History Islamic Art and Architecture</td>
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<td>AAH324</td>
<td>Contemporary Islamic Art and Architecture</td>
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<td>AAH325</td>
<td>History of Design</td>
<td>3</td>
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<tr>
<td>AAH326</td>
<td>Representation: Exhibition, Display and Interpretation I</td>
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<td>AAH327</td>
<td>Representation: Exhibition, Display and Interpretation II</td>
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<td>AAH420</td>
<td>Communities, Curatorial Practices, and Collections</td>
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<tr>
<td>AAH427</td>
<td>History of Animation</td>
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<td>AAH430</td>
<td>Curatorial Practices</td>
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<td>AVA319</td>
<td>Introduction to Jewelry Design</td>
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<td>AID477</td>
<td>Advanced Modeling, Lighting and Rendering</td>
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<td>ART495</td>
<td>Independent Study</td>
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### Bachelor of Fine Arts in Visual Arts

In Visual Art, we believe that professional creative expression requires both technical and intellectual skills that are acquired through intensive studio work, research, professional exposure, and gallery practice. Students thus acquire a variety of visual art skills, including drawing, painting, sculpture, photography, printmaking, and video, while also developing their critical awareness of artistic issues, past, present, and future, within the region and internationally.
Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Theory and History of Art: Apply art and design theory to complete historical and conceptual analysis of social or medium specific case studies in art and design.
2. Professional Art Practice: Apply art and design skills in practical application, as well as in professional practice.
3. Critical Thinking: Define and analyze a visual/conceptual problem, and develop and defend potential solutions to an informed audience.
4. Visual Literacy: Analyze and interpret visual culture and design principles, and formulate complex visual and spatial problems as well as develop innovative solutions.
5. Information Technology: Utilize multiple creative art and design software in the creation of their professional portfolio. Students are able to demonstrate the capabilities and limitations of technology by choosing appropriate media for the completion of their art and design projects.
6. Teamwork and Leadership: Provide creative and constructive input to pursue a shared goal and collaborate effectively in projects. Lead or cooperate among group members while assuming responsibility for self and group outcomes.

General Education

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<tr>
<th>Course Code</th>
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<th>Credit Hours: (36 Required)</th>
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<td>GEN110</td>
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<td>GEN175</td>
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<td>Methods of Scientific Research and Development</td>
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<td>GEN195</td>
<td>Living Science: Health and Environment</td>
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<td>GEN145</td>
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Program Required Courses

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<td>ART221</td>
<td>Research Methods for Artists and Designers</td>
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<td>ART223</td>
<td>Arts of the Modern World</td>
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<td>AVA310</td>
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<td>AVA312</td>
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<td>AVA315</td>
<td>Sculpture I</td>
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<td>AVA360</td>
<td>Printmaking I</td>
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<td>AVA313</td>
<td>Drawing II</td>
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Program Electives

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<td>Two Art History Elective</td>
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Total: 120
**ART History Electives List**

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<td>AAH322</td>
<td>History Islamic Art and Architecture</td>
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<tr>
<td>AAH324</td>
<td>Contemporary Islamic Art and Architecture</td>
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<td>AAH325</td>
<td>History of Design</td>
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<td>AAH326</td>
<td>Representation: Exhibition, Display and Interpretation I</td>
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<td>Representation: Exhibition, Display and Interpretation II</td>
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<td>Communities, Curatorial Practices, and Collections</td>
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<td>AAH422</td>
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<td>AAH425</td>
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<td>AAH427</td>
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<td>AAH430</td>
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**Program Electives List**

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<td>Interior Design Studio I</td>
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<td>ART297</td>
<td>Special Topics in Art and Design: Intermediate</td>
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<td>AVA309</td>
<td>Digital Illustration</td>
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<td>Drawing for Designers</td>
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<td>AGD314</td>
<td>Illustration and Visual Narrative</td>
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<td>AVA316</td>
<td>Ceramics I</td>
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<td>AVA317</td>
<td>Storyboarding</td>
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<td>Three-Dimensional Design</td>
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**Bachelor of Science in Multimedia Design**

*(joint program with College of Communication and Media Sciences and College of Technological Innovation)*

This interdisciplinary program emphasizes the acquisition of the knowledge and skills in information technology, public media, and the arts that will meet the growing demand by employers for multimedia graduates with broad expertise and a high level of leading-edge technical skills. The program encompasses the design, development, and deployment of interactive multimedia. It focuses on the effective management of current and emerging technologies and highlights innovation and entrepreneurship throughout the program. Graduates with a degree in Multimedia Design will be well prepared for both the public and corporate sectors and will be able to manage and develop interactive multimedia initiatives ranging from software development to the design and management of live interactive corporate media systems. The program draws equally on faculty strength in the three colleges that support it.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

1. **Theory and History of Art and Design:**
   - Students understand and comprehend Art & Design theory.
   - Students are able to complete historical
and conceptual analysis of social or medium specific case studies in art and design traditions.

- Students are knowledgeable of the historical progression of art, including the comprehension of art and design as a cultural system.

2. Professional Art and Design Practice:
- Students are able to apply design fundamental to making of art as vehicle for self expression, as well as for professional results.
- Students are proficient in the practical application of art and design skills, as well as in professional practice.

3. Critical Thinking:
- Students are able to define and analyze a problem, as well as evaluate and judge potential solutions.
- Students can develop a project and defend the outcome to an informed audience.
- Students understand the criteria for critical discussion of the arts and the relationship to the creative process.

4. Visual Literacy:
- Students can demonstrate the formulation of complex visual and spatial problems as well as responsive development of innovative solutions.
- Students are able to engage in analysis and interpretation of visual culture.
- Students possess an understanding of design principles: color, line, mass, balance, symmetry, perpective, form, shape, space, volume, value, and visual hierarchy

5. Information Technology:
- Students can demonstrate proficiency in the use of a number of technologies.
- Students display an integrated approach utilizing multiple technologies in their professional portfolio in an ethical manner.
- Students understand the limitations of technology by choosing appropriate media for art & design problems and projects

6. Teamwork and Leadership:
- Students cooperate among group members while assuming responsibility for self and group outcomes.
- Students offer creative and constructive input to the group and accept similar feedback.
- Students consider multiple perspectives of others prior to pursuing a stated goal.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis 3</td>
</tr>
<tr>
<td>GEN120</td>
<td>Life Skills 3</td>
</tr>
<tr>
<td>GEN130</td>
<td>Arabic Concepts 3</td>
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<td>GEN140</td>
<td>English Composition I 3</td>
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<td>Global Awareness I: Human Geography 3</td>
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<td>Islamic Civilization I 3</td>
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<td>GEN185</td>
<td>Methods of Scientific Research and Development 3</td>
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<td>Living Science: Health and Environment 3</td>
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<tr>
<td>AGD351</td>
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<tr>
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Program Electives

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<td>Applied Media Research and Analysis</td>
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<td>ISC383</td>
<td>Virtual Communities and Social Media</td>
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<td>TCC372</td>
<td>Communicating Tourism: Destinations, and Heritage</td>
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Total: 120

Art History Electives List

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<td>AAH324</td>
<td>Contemporary Islamic Art and Architecture</td>
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<tr>
<td>AAH325</td>
<td>History of Design</td>
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<tr>
<td>AAH326</td>
<td>Representation: Exhibition, Display and Interpretation I</td>
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<tr>
<td>AAH327</td>
<td>Representation: Exhibition, Display and Interpretation II</td>
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<td>AAH420</td>
<td>Communities, Curatorial Practices, and Collections</td>
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<tr>
<td>AAH422</td>
<td>Contemporary Art Theory</td>
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<td>AAH425</td>
<td>History of Graphic Design</td>
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<td>AAH426</td>
<td>History of Interior Design</td>
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<tr>
<td>AAH427</td>
<td>History of Animation</td>
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<tr>
<td>AAH430</td>
<td>Curatorial Practices</td>
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</table>
Minor in Curatorial Practices
The College of Arts and Creative Enterprises offers a minor in Curatorial Practices. The minor gives students the opportunity to learn about the history, theory, and practice of holding exhibitions. The minor introduces students to the museum enterprise burgeoning in the United Arab Emirates. Well-established institutions such as the Sharjah Art Museum are being joined by the venerable Louvre and Guggenheim and a new National Museum on Saadiyat Island in Abu Dhabi. In every major United Arab Emirates’ city, interest in providing citizens with cultural knowledge, both global and local, is flourishing. Students in the Curatorial Practices minor gain insight to the complex challenge of creating, collecting, selecting, financing, presenting, maintaining, and sustaining works of art and cultural significance.

Six courses constitute the minor in Curatorial Practices. Five of the courses are specifically required. In consultation with a faculty advisor, a student selects the sixth course from a set of three.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours: (15 Required)</th>
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<tbody>
<tr>
<td>ART220</td>
<td>Introduction to Art History</td>
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<tr>
<td>ART223</td>
<td>Arts of the Modern World</td>
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<td>Basic Design</td>
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<td>AAH326</td>
<td>Representation: Exhibition, Display and Interpretation I</td>
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<td>History of Design</td>
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<td>AAH327</td>
<td>Representation: Exhibition, Display and Interpretation II</td>
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<tr>
<td>AAH420</td>
<td>Communities, Curatorial Practices, and Collections</td>
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</table>

Total: 18
College of Business

Degrees

- Bachelor of Science in Accounting
- Bachelor of Science in Finance
- Bachelor of Science in Human Resource Management
- Bachelor of Science in Marketing and Entrepreneurship
- Executive Master of Business Administration
- Master of Management in International Business
- Master of Science in Finance
- Graduate Certificate
- Graduate Certificate in Business Administration (on-hold)

Mission

The mission of the College of Business is to:

- Empower students with the academic, professional, and leadership competencies necessary to achieve success in a globally competitive business environment; and
- Support the economic development of the United Arab Emirates.

Bachelor of Science in Accounting

The bachelor degree in Accounting prepares students to assume professional roles as business leaders with the ability to organize, analyze, manage and report the results of business transactions. Students are exposed to the broad topical areas of financial accounting, managerial and cost accounting, auditing and accounting information systems. They become conversant with both internal and external accounting, and acquire the analytical skills necessary for entry-level accounting positions in industry and government. Coursework also helps prepare students for professional certification programs such as ACCA, CPA and others.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Apply financial theory, including GAAP and IRFS, in various types of business organizations
2. Demonstrate and apply knowledge of managerial accounting and auditing standards and practices.
3. Demonstrate familiarity with basic accounting information systems.
4. Demonstrate how the primary business functions (e.g. Strategy, Production, Marketing, etc.) contribute to organizational effectiveness and explain how major external factors (e.g., consumer preferences, economic factors, legislation, etc.) impact organizations.
5. Identify and solve business problems through the application of financial accounting, managerial accounting, auditing, accounting information systems and general business knowledge.
6. Conduct research in a chosen area of specialization and document and defend the research results.
7. Communicate effectively in writing and verbally, and deliver professional-level presentations.
8. Operate individually and contribute to team effectiveness with only general supervision.
9. Demonstrate leadership in planning and managing projects and small teams.
10. Recognize and resolve ethical dilemmas in the workplace, and explain the basic principle of corporate social responsibility.

<table>
<thead>
<tr>
<th>General Education</th>
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<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis</td>
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<tr>
<td>GEN120</td>
<td>Life Skills</td>
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<td>GEN130</td>
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<td>GEN140</td>
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<td>GEN150</td>
<td>Global Awareness I: Human Geography</td>
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<td>GEN255</td>
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</tr>
</tbody>
</table>
Bachelor of Science in Finance

The bachelor degree in Finance prepares students in three areas:

Corporate finance: Students focus on tools and techniques for valuing productive assets, choosing ways of funding them and gauging financial success. The focus is on aligning corporate strategy and financial decisions, and enhancing firm value through judicious financial decisions.

Investments: Students understand the nature and dynamics of financial markets, including stock, bond, and derivatives markets. They learn how to invest in these markets to enhance returns and reduce risk.

Islamic Banking and Finance: Students learn about basic Islamic principles of finance and contracting. They learn about how modern-day Islamic banks; insurance companies and money management firms are modifying and customizing the traditional practice to conform to Sharia principles. These unique insights prepare them for a career in the growing Islamic Finance industry.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate and apply knowledge with regard to financial and non-financial corporations’ capital allocation decisions and the evaluation of the financial performance of corporations.

2. Explain the functioning of domestic and international financial markets and the role these markets play in the performance of an economy as well as in the creation of internationally diversified investment portfolios.

3. Demonstrate and apply knowledge in modern portfolio theory as well as in the pricing and use of financial securities.

4. Demonstrate how the primary business functions (e.g., Strategy, Production, Marketing, etc.) contribute to organizational effectiveness and explain how major external factors (e.g., consumer preferences, economic factors, legislation, etc.) impact organizations.

5. Identify and solve business problems through the application of financial management and general business knowledge.

6. Conduct research in a chosen area of specialization and document the research results.

7. Communicate effectively in writing and verbally, and deliver professional-level presentations.

8. Operate individually and contribute to team effectiveness with only general supervision.

9. Demonstrate leadership skills in self-development at the individual and team level.

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<td>MTH213 Business Statistics</td>
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<td>ECN201 Foundations of Microeconomics</td>
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<td>ACC416 Auditing</td>
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Total: 120
10. Recognize and resolve ethical dilemmas in the workplace, and explain the basic principle of corporate social responsibility

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<td>ARA325</td>
<td>Advanced Arabic language Skills in Business Administration 3</td>
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| MGT400 | Strategic Management 3 |
| BUS491 | Internship 3 |
| FIN420 | Corporate Finance 3 |
| FIN422 | Financial Markets 3 |
| FIN424 | Investments 3 |
| FIN421 | Financial Planning and Forecasting 3 |
| FIN425 | Commercial Banking 3 |
| FIN426 | Islamic Finance and Banking 3 |
| FIN427 | International Corporate Finance 3 |
| FIN428 | Portfolio Management 3 |
| FIN429 | Financial Derivatives 3 |

Total: 120

**Bachelor of Science in Human Resource Management**

The Human Resource Management (HRM) program provides a theoretical and practical understanding of organizational dynamics, and highlights the critical role that people play in enabling organizations to achieve their strategic objectives. Students learn how to apply human resource theories to improve individual, team, and organizational effectiveness.

The course curriculum reflects the major HR functions, including staffing, development, employee relations, performance management, compensation, and change management.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

1. Critically evaluate human resource theories and apply them to organizational contexts.

2. Identify the major steps needed to design, implement, and evaluate human resource programs and instruments.

3. Explain how national cultures differ from each other and how such differences impact work-related attitudes and behaviors.

4. Demonstrate how the primary business functions (e.g. Strategy, Production, Marketing, etc.) contribute to organizational effectiveness and explain how major external factors (e.g., consumer preferences, economic factors, legislation, etc.) impact organizations.
5. Identify and solve business problems through the application of human resource management and general business knowledge.

6. Conduct research in a chosen area of specialization and document and defend the research results.

7. Communicate effectively in writing and verbally, and deliver professional-level presentations.

8. Operate individually and contribute to team effectiveness with only general supervision.

9. Demonstrate leadership in planning and managing projects and small teams.

10. Recognize and resolve ethical dilemmas in the workplace, and explain the basic principle of corporate social responsibility.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
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<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis 3</td>
</tr>
<tr>
<td>GEN120</td>
<td>Life Skills 3</td>
</tr>
<tr>
<td>GEN130</td>
<td>Arabic Concepts 3</td>
</tr>
<tr>
<td>GEN140</td>
<td>English Composition I 3</td>
</tr>
<tr>
<td>GEN150</td>
<td>Global Awareness I: Human Geography 3</td>
</tr>
<tr>
<td>GEN135</td>
<td>Islamic Civilization I 3</td>
</tr>
<tr>
<td>GEN145</td>
<td>English Composition II 3</td>
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<tr>
<td>GEN175</td>
<td>Introduction to Information Technology 3</td>
</tr>
<tr>
<td>GEN185</td>
<td>Methods of Scientific Research and Development 3</td>
</tr>
<tr>
<td>GEN195</td>
<td>Living Science: Health and Environment 3</td>
</tr>
<tr>
<td>GEN220</td>
<td>Fundamentals of Innovation and Entrepreneurship 3</td>
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<td>GEN255</td>
<td>Emirates Studies 3</td>
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<td>EWS240</td>
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<tr>
<td>MTH212</td>
<td>Business Calculus 3</td>
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<tr>
<td>ACC203</td>
<td>Managerial Accounting 3</td>
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<tr>
<td>BUS207</td>
<td>Business Communications 3</td>
</tr>
<tr>
<td>MTH213</td>
<td>Business Statistics 3</td>
</tr>
</tbody>
</table>

**Bachelor of Science in Marketing and Entrepreneurship**

The Marketing & Entrepreneurship major provides students with the opportunity to develop skills that will enable them to function in different marketing and managerial roles. Students will learn how to write a comprehensive business plan, will be given the knowledge and capabilities required to start up a business, attract venture funding, and lead strong entrepreneurial teams.

With courses ranging from traditional marketing analytics and research to the new rules of digital marketing and consumer behavior, students will graduate the program with a solid foundation in marketing.
Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Apply a range of relevant principles and theoretical knowledge to develop strategies and solutions to current Entrepreneurial and Marketing problems.
2. Apply relevant principles and theories to a national and global marketing context to develop marketing and entrepreneurial strategies for the organization.
3. Explain how data, market information and knowledge drive the development of marketing and entrepreneurial strategy.
4. Demonstrate how the primary business functions (e.g. Strategy, Production, Marketing, etc.) contribute to organizational effectiveness and explain how major external factors (e.g., consumer preferences, economic factors, legislation, etc.) impact organizations.
5. Identify and solve business problems through the application of Marketing and Entrepreneurship and general business knowledge.
6. Conduct research in a chosen area of specialization and document and defend the research results.
7. Communicate effectively in writing and verbally, and deliver professional-level presentations.
8. Operate individually and contribute to team effectiveness with only general supervision.
9. Demonstrate leadership skills in self-development at the individual and team level.
10. Recognize and resolve ethical dilemmas in the workplace, and explain the basic principle of corporate social responsibility.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
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</thead>
<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis 3</td>
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<td>Islamic Civilization I 3</td>
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<td>GEN145</td>
<td>English Composition II 3</td>
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<th>Program Required Courses</th>
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<td>ARA325</td>
<td>Advanced Arabic language Skills in Business Administration 3</td>
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<td>Introduction to Finance 3</td>
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<td>MGT309</td>
<td>Introduction to Management 3</td>
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<tr>
<td>MTH212</td>
<td>Business Calculus 3</td>
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<td>ACC203</td>
<td>Managerial Accounting 3</td>
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<td>MKT310</td>
<td>Introduction to Marketing 3</td>
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<td>OPR300</td>
<td>Operations Management 3</td>
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<td>Business Communications 3</td>
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<td>Business Statistics 3</td>
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<tr>
<td>INS260</td>
<td>Management of Information Systems 3</td>
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<td>MGT401</td>
<td>Business Leadership 3</td>
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<td>ECN201</td>
<td>Foundations of Microeconomics 3</td>
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<td>LAW200</td>
<td>Business Law &amp; Ethics 3</td>
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<td>BUS407</td>
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<td>Understanding Macroeconomics 3</td>
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<td>MKT335</td>
<td>Consumer Behavior 3</td>
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<td>MKT432</td>
<td>Integrated Marketing Communication 3</td>
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<td>MKT332</td>
<td>Innovation Management 3</td>
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<td>MKT439</td>
<td>Brand Management 3</td>
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<tr>
<td>MKT433</td>
<td>Digital Marketing and Commerce 3</td>
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</table>
Executive Masters of Business Administration

The Executive Masters in Business Administration (EMBA) is a general management program firmly grounded in the functional areas of the business enterprise. Courses are designed to introduce managers to developments significantly impacting business, including technological advances, globalization, and the internet economy.

The faculty delivering this program are specialists in their respective fields of study who bring a depth of knowledge and an emphasis on practical application, both of which are essential to creating a business-relevant master’s degree program.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Differentiate and explain business roles, functions, trends, and dilemmas at the operational, tactical, and strategic levels confronted by senior- and executive-level.

2. Analyze, synthesize, and evaluate the primary role of the major business functions (e.g., Strategy, Production, Marketing, etc...) and appraise, connect, question, and reframe the major external factors that affect organizations (e.g., consumer preferences, economic factors, legislation, etc...).

3. Anticipate, infer, judge, and resolve advanced business problems through the application of acquired knowledge in the business in general and more specifically those of concern to senior – and executive-level leaders.

4. Design, plan and conduct applied research as required by practicing business professionals and report and defend the results.

5. Communicate effectively in writing and verbally, and deliver executive-level presentations.

6. Function with full autonomy and/or as a member of team across functional and organizational boundaries.

7. Lead at the individual, dyad, group, and organizational levels.

8. Classify ethical dilemmas in the workplace, construct interventions, critique alternative modes of action, and justify recommendations.

Course Delivery Format

The program is delivered in English over a period of 24 months at Zayed University in Abu Dhabi. Serial courses are delivered on Thursday, Friday and Saturday over a period of five weeks.

Admission Requirements

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree with a GPA of 3.0 or higher from an accredited university. In addition, applicants must demonstrate suitable professional proficiency equivalent to at least three years of mid- to upper-level supervisory experience and demonstrate sufficient English proficiency to manage a challenging, fast-paced executive master’s degree program.

Executive Masters in Business Administration degree applicants are required to have a basic knowledge of accounting, finance, economics and statistics prior to gaining entry into the master’s degree program. Applicants may therefore be required to successfully complete appropriate pre-program courses at the discretion of the Program Admissions Committee. Students who have completed the equivalent courses at institutions at the tertiary level may be exempted from this requirement.

Program Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC610</td>
<td>Accounting</td>
<td>3</td>
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<tr>
<td>FIN630</td>
<td>Corporate Finance</td>
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<td>FIN631</td>
<td>International Finance and Banking</td>
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<td>HRM640</td>
<td>Human Resource Management</td>
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<td>MGT660</td>
<td>Entrepreneurship</td>
<td>3</td>
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<tr>
<td>HRM663</td>
<td>Organizational Behavior and Leadership</td>
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<tr>
<td>ECN666</td>
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<td>OPR667</td>
<td>Operations Management</td>
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<tr>
<td>BUS668</td>
<td>International Law and Business Ethics</td>
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<tr>
<td>MKT680</td>
<td>Marketing Management</td>
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</tr>
<tr>
<td>MGT664</td>
<td>Global Business Strategy</td>
<td>3</td>
</tr>
</tbody>
</table>
Master of Management in International Business

The Master of Management (M.M.): International Business program prepares future leaders to succeed in the dynamic world of global business. The program addresses the needs of individuals without extensive management experience and is firmly grounded in the functional areas of international business. Courses are designed to introduce participants to developments significantly impacting business in the international environment.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Differentiate and explain business roles, functions, trends, and dilemmas in the international business environment at the operational, tactical, and strategic levels confronted by entry- and mid-level business professionals.

2. Analyze, synthesize, and evaluate the primary role of the major business functions (e.g., Strategy, Production, Marketing, etc...) and appraise, connect, and reframe the major external factors that affect organizations (e.g., consumer preferences, economic factors, legislation, etc...) operating in the international business environment.

3. Anticipate, infer, judge, and resolve advanced business problems through the application of acquired knowledge in the business in general and more specifically in the field of international business.

4. Design, plan and conduct applied research as required by practicing business professionals and report and defend the results.

5. Communicate effectively in writing and verbally, and deliver professional-level presentations appropriate for entry-and mid-level organizational leaders.

6. Function with full autonomy and/or as a member of team across functional and organizational boundaries.

7. Lead and manage at the individual, dyad, group, and organizational levels appropriate for the international business environment.

8. Classify ethical dilemmas in the workplace, construct interventions, critique alternative modes of action, and justify recommendations appropriate for organizations operating in the international business environment.

Course Delivery Format

The format for delivering the program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. The program consists of 12 courses delivered over an approximately 24-month time frame. Faculty members utilize a mix of in-classroom and technology-mediated instruction. The in-classroom instruction for each course is conducted approximately every six weeks over 2 weekends of 2 days. Blackboard customized courseware with e-mail and course management features is used to deliver the offsite e-learning component of the curriculum. Portions of courses involve videoconferencing. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, engage in discussion, further learning, and access materials during courses.

Admission Requirements

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced graduate
program. Master of Management (M.M.) in International Business degree applicants are required to have a basic knowledge of accounting, finance, economics, and statistics prior to gaining entry into the master's degree program. Applicants may therefore be required to successfully complete appropriate pre-program courses at the discretion of the Program Admissions Committee. Students who have completed the equivalent courses at institutions at the tertiary level will be exempted from this requirement.

### Required Program Courses

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>ACC610</td>
<td>Accounting</td>
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<tr>
<td>FIN630</td>
<td>Corporate Finance</td>
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<td>FIN631</td>
<td>International Finance and Banking</td>
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<td>ECN666</td>
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<td>OPR667</td>
<td>Operations Management</td>
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<tr>
<td>BUS668</td>
<td>International Law and Business Ethics</td>
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<tr>
<td>MCT669</td>
<td>Cross Cultural Management</td>
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<tr>
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### Program Elective

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ACC632</td>
<td>Financial Statement Analysis and Business Ethical Standards</td>
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</tr>
<tr>
<td>FIN633</td>
<td>Statistics and Quantitative Methods for Finance</td>
<td>3</td>
</tr>
<tr>
<td>FIN634</td>
<td>Fundamentals of Asset Valuation</td>
<td>3</td>
</tr>
<tr>
<td>FIN638</td>
<td>Islamic Finance Principles</td>
<td>3</td>
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<tr>
<td>ECN655</td>
<td>Macroeconomic Analysis</td>
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<tr>
<td>FIN656</td>
<td>The Financial and Banking System</td>
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<tr>
<td>FIN657</td>
<td>Financial Institutions Management</td>
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<tr>
<td>ECN658</td>
<td>Monetary Policy</td>
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<tr>
<td>FIN659</td>
<td>Financial Markets</td>
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</table>

### Master of Science in Finance

The Master of Science (M.S.) in Finance equips participants with in-depth knowledge of the functions of finance. The program is designed to prepare ambitious recent graduates for successful management positions in banking, investment and asset management or a finance function in other non-financial corporations.

Specific objectives of the master's degree program are to instruct participants how to use the functions of finance to create and maximize value in commercial companies and societies; to equip participants with current knowledge and techniques required for undertaking the functions of finance with effectiveness, efficiency, and professional standards; and, to develop and promote strategic financial management skills and capabilities for professional success.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Demonstrate and apply advanced skills and recent developments, including modern portfolio theory, with regard to capital allocation decisions and the evaluation of the financial performance of financial and non-financial corporations and investment portfolios.

2. Describe the functioning of international financial markets and the role these markets play in the performance of an economy, and recognize the major external factors that affect international financial markets (e.g., consumer preferences, economic factors, legislation, etc.) as well as the importance of efficient and transparent markets.

3. Use specialized knowledge of the use, pricing, valuation and structuring of financial products, including debt, currency and equity derivatives, and Islamic Finance.

4. Identify and resolve complex business problems through the application of financial management and acquired general
business knowledge, including applicable recent developments.

5. Design, plan and conduct applied research in a chosen area of finance specialization and document and defend the research results.

6. Communicate effectively in writing, verbally, and using appropriate information technology to prepare and deliver professional-level presentations for management or clients.

7. Functions with full autonomy and/or as a member of team across cultural, functional and/or organizational boundaries.

8. Demonstrate leadership and management skills at the individual, team and organizational level, including strategic performance and development.

9. Consistently recognize and sensitively manage ethical dilemmas in the workplace, leading to informed, fair and valid decisions.

10. Describe the basic principles and application of corporate social responsibility.

Course Delivery Format
The program is delivered in English over a period of 24 months at Zayed University in Abu Dhabi. Serial courses are delivered during two evenings per week over a period of 5 weeks.

Admission Requirements
Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced graduate program. Master of Science in Finance degree applicants are required to have a basic knowledge of accounting, finance, economics, and statistics prior to gaining entry into the master's degree program. Applicants may therefore be required to successfully complete appropriate pre-program courses at the discretion of the Program Admissions Committee. Students who have completed the equivalent courses at institutions at the tertiary level may be exempted from this requirement.

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<thead>
<tr>
<th>Required Program Courses</th>
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<tbody>
<tr>
<td>FIN630 Corporate Finance</td>
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<tr>
<td>FIN631 International Finance and Banking</td>
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<td>ACC632 Financial Statement Analysis and Business Ethical Standards</td>
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<td>FIN633 Statistics and Quantitative Methods for Finance</td>
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<td>FIN657 Financial Institutions Management</td>
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<td>ECN658 Monetary Policy</td>
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<td>FIN659 Financial Markets</td>
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<td>ACC610 Accounting</td>
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<td>MKT680 Marketing Management</td>
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<td>MGT664 Global Business Strategy</td>
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<td>MGT620 Capstone Seminar in Global Business Strategy</td>
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<tr>
<td>INS649 Enterprise Systems Management</td>
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</table>

Total: 36
College of Communication and Media Sciences

Degrees:

Bachelor of Science in Communication and Media Sciences

Concentrations in:
- Media Production and Storytelling
- Integrated Strategic Communications
- Tourism and Cultural Communications

Master of Arts in Communications with Concentrations in:
- Strategic Public Relations
- Tourism and Cultural Communications

Mission

Communication and information are vital to the development of the United Arab Emirates. The College of Communication and Media Sciences is dedicated to excellence in professional education to serve the nation, the Gulf region and the global community. The curriculum is designed to provide our graduates with written, oral and visual communication vital to the development of private and public institutions and enterprises and to meet the interests of the nation’s people and their roles as citizens and family members, clients and consumers.

Our mission is to graduate students who:
- Understand the role of mass communication in Islamic and global cultures;
- Master written, oral and visual skills in English and Arabic;
- Use digital media technologies thoughtfully and appropriately;
- Value truth, accuracy, fairness and diversity;
- Think critically, are innovative and engage in dialogue;
- Contribute to the body of knowledge in mass communication from the Gulf region;
- Assist in the future development of the UAE and the global community.

Bachelor of Science in Communication and Media Sciences

The curriculum followed by students who in Communication and Media Sciences broadly educates them in the arts, humanities, social sciences, and applied sciences, as well as in the professional crafts of written, oral, and visual communication. Students are well-prepared to put words, visuals, and sound together in ways that are meaningful, effective, aesthetically pleasing, and interesting.

All concentrations take introductory courses in Media History, Media and Cultural Criticism, Media Storytelling, Media Ethics, Applied Digital Communication, and Public Speaking and Persuasion, as well as advanced courses in Communication and Media Research and Analysis, Media Law, and Internship.

Rather than focusing on one form or medium of communication, students study a variety of media and technologies, including audio, video, web, multi-media, and print. This approach provides a distinctive integration of instruction and practical applications.

The academic program follows the model of programs accredited by the International Advertising Association, the Accrediting Council on Education in Journalism and Mass Communication, and the Public Relations Society of America. This ensures a broad liberal arts education and depth in understanding and applying professional principles, skills, and competencies. This model makes Zayed University’s Communication and Media Sciences program unique to the United Arab Emirates and to the Middle East.

Concentrations:

During the first three semesters, students complete courses in general education plus COM 200 Communication, Media, and Society. Once the students are admitted to the Program, they concentrate on courses in Communication and Media Sciences and concentrate in one of three areas:
- Media production and storytelling
- Integrated Strategic Communications
- Tourism and Cultural Communications

Concentrations in:
Media production and storytelling: Media production and storytelling develops student skills in film, video, photography and media storytelling for traditional and digital careers. In the evolving job market, understanding how to use digital media technology in professional careers in advertising, public relations, marketing, and journalism fields is highly marketable. The CCMS concentration in Media Production & Storytelling offers undergraduate students at Zayed University the ability to develop “hands-on” media production skill-sets as well as the ability to perfect their narrative and non-fiction storytelling expertise. Courses in this concentration focus on professional practice and developing a creative voice in multiple formats of storytelling and digital production techniques. The concentration draws on the disciplines of journalism, film & television production, and web development.

Integrated Strategic Communications: (this concentration is accredited by the International Advertising Association) Integrated Strategic Communications describes the integration of the well-established fields of Public Relations, Advertising, Promotion, and Marketing. Integrated Strategic Communications involves the planning and execution of communication programs, campaigns, and messages in order to create coordinated and consistent communication strategies and tactics for public and private corporations that address the complex needs of clients in the 21st century. Graduates in Integrated Strategic Communications are well suited for professional positions in advertising, public relations, community relations, customer service, event planning and promotions, client servicing, and media planning as well as for careers in government and corporate communications. Upon graduation, students qualify for the International Advertising Association (IAA) Diploma in Marketing Communications if they meet certain course requirements.

Tourism and Cultural Communications: The concentration in Tourism and Cultural Communications prepares students to become communication experts in the tourism and cultural industries. It gives students a grounding in tourism and the related fields of events, culture, and heritage from an interdisciplinary perspective. In addition, the program helps students develop communication strategies and tactics to promote the United Arab Emirates and its tourism and cultural sectors. This program also prepares students who wish to pursue graduate studies in the College’s M.A. in Tourism and Cultural Communications. Graduates in Tourism and Cultural Communications are well suited for professional positions in tourism promotions, event management, exhibitions, festivals, visitor information centers, tours, research, and cultural programming.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

1. Understand and apply the principles and law of freedom of speech and press for the country in which the institution that invites ACEJMC is located as well as understand the range of systems of freedom of expression around the world.
2. Demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
3. Demonstrate an understanding of forms of diversity in global cultures and in domestic society in relation to mass communications.
4. Demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society.
5. Understand concepts and apply theories in the use and presentation of images and information.
6. Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity.
7. Think critically, creatively and independently.
8. Conduct research and evaluate information by methods appropriate to the communications professions in which they work.
9. Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve.
10. Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
11. Apply basic numerical and statistical concepts.
12. Apply current tools and technologies appropriate for the communications professions in which they work, and to understand the digital world.
13. Work effectively in groups and interpersonal contexts; demonstrate the capacity to attain goals; exhibit professionalism in the workplace.
## General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GEN120</td>
<td>Life Skills</td>
<td>3</td>
</tr>
<tr>
<td>GEN130</td>
<td>Arabic Concepts</td>
<td>3</td>
</tr>
<tr>
<td>GEN140</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>GEN150</td>
<td>Global Awareness I: Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEN135</td>
<td>Islamic Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>GEN145</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>GEN175</td>
<td>Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>GEN185</td>
<td>Methods of Scientific Research and Development</td>
<td>3</td>
</tr>
<tr>
<td>GEN195</td>
<td>Living Science: Health and Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEN220</td>
<td>Fundamentals of Innovation and Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>GEN255</td>
<td>Emirates Studies</td>
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### Program Required Courses

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>EWS240</td>
<td>English Composition III</td>
<td>3</td>
</tr>
<tr>
<td>COM200</td>
<td>Communication, Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>COM210</td>
<td>Introduction to Media Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>COM212</td>
<td>Digital Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>COM230</td>
<td>Professional and Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>COM240</td>
<td>Media Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>COM360</td>
<td>Applied Media Research and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>COM490</td>
<td>Internship</td>
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### Program Electives

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
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<tbody>
<tr>
<td>Two College Electives</td>
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<tr>
<td>Four ARA Electives</td>
<td></td>
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<tr>
<td>Seven University Electives for CM students</td>
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### Concentration in Integrated Strategic Communications

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ISC251</td>
<td>Introduction to Integrated Strategic Communication</td>
<td>3</td>
</tr>
<tr>
<td>ISC353</td>
<td>Writing for Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>ISC356</td>
<td>Media Planning and Management</td>
<td>3</td>
</tr>
<tr>
<td>ISC357</td>
<td>Creative Advertising</td>
<td>3</td>
</tr>
<tr>
<td>ISC359</td>
<td>Integrated Strategic Communication Management &amp; Planning</td>
<td>3</td>
</tr>
<tr>
<td>ISC383</td>
<td>Introduction to Social Media</td>
<td>3</td>
</tr>
<tr>
<td>ISC451</td>
<td>Integrated Strategic Communication Campaign</td>
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### Concentration in Media Production and Storytelling

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MPS220</td>
<td>Visual Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>MPS361</td>
<td>Media History</td>
<td>3</td>
</tr>
<tr>
<td>MPS321</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td>MPS331</td>
<td>Media and Cultural Criticism</td>
<td>3</td>
</tr>
<tr>
<td>MPS341</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>MPS421</td>
<td>Advanced Media Production</td>
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</tr>
<tr>
<td>MPS457</td>
<td>Capstone Project</td>
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### Concentration in Tourism and Cultural Communications

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>TCC371</td>
<td>Tourism Principles</td>
<td>3</td>
</tr>
<tr>
<td>TCC372</td>
<td>Communicating Tourism: Destinations, and Heritage</td>
<td>3</td>
</tr>
<tr>
<td>TCC237</td>
<td>Interpersonal &amp; Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>ISC251</td>
<td>Introduction to Integrated Strategic Communication</td>
<td>3</td>
</tr>
<tr>
<td>ISC357</td>
<td>Creative Advertising</td>
<td>3</td>
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<tr>
<td>TCC375</td>
<td>Planning and Promotion for Events and Festivals</td>
<td>3</td>
</tr>
<tr>
<td>TCC471</td>
<td>Applied Tourism Project</td>
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Total: 120

### ARA Electives List

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ARA240</td>
<td>Media Storytelling in Arabic I</td>
<td>3</td>
</tr>
<tr>
<td>ARA340</td>
<td>Media Storytelling in Arabic II</td>
<td>3</td>
</tr>
<tr>
<td>ARA375</td>
<td>Public Speaking and Professional Presentation in Arabic</td>
<td>3</td>
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<td>ARA395</td>
<td>Media Translation Workshop</td>
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### College Electives List

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>COM209</td>
<td>Foundations in Media Writing</td>
<td>3</td>
</tr>
</tbody>
</table>
Minor in Communication and Media Sciences

This minor is available only to students in other colleges. The minor is designed to provide tools to students who will work outside the communication field, but will need an understanding of basic communication principles and skills. To be admitted to the minor in Communication and Media Sciences, students must have a cumulative minimum GPA of at least 2.5 and must have completed at least one semester in a major program. Students must complete both degree program and minor requirements within the maximum number of semesters without having to enroll in an overload course schedule. Students from other colleges who wish to minor in Communication and Media Sciences need either to fulfill the same Prerequisites as CCMS program or receive permission from the Dean/Associate Dean.

The minor is very flexible. The student’s advisor can help select courses to complement the major based on career goals. Advisors from CCMS can also help students choose courses. This Minor requires the successful completion of 18 credit hours of courses.

<table>
<thead>
<tr>
<th>Minor required course</th>
<th>Credit Hours: (3 Required)</th>
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<tr>
<td>COM200</td>
<td>Communication, Media and Society 3</td>
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200 level courses

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>COM209</td>
</tr>
<tr>
<td>COM210</td>
</tr>
<tr>
<td>COM212</td>
</tr>
<tr>
<td>COM230</td>
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<tr>
<td>COM240</td>
</tr>
<tr>
<td>TCC237</td>
</tr>
<tr>
<td>MPS220</td>
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</table>

300/400 level courses

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<tbody>
<tr>
<td>The student pick three</td>
</tr>
<tr>
<td>ISC383</td>
</tr>
<tr>
<td>MPS331</td>
</tr>
<tr>
<td>MPS361</td>
</tr>
<tr>
<td>MPS481</td>
</tr>
<tr>
<td>TCC371</td>
</tr>
<tr>
<td>TCC375</td>
</tr>
<tr>
<td>MPS321</td>
</tr>
</tbody>
</table>

Total: 18

Master of Arts in Communications

Concentration in Tourism and Cultural Communications

In line with Zayed University’s commitment to promote the continuing development and prosperity of the United Arab Emirates, the College of Communication and Media Sciences offers a Master of Arts (M.A.) in Communications Concentration in Tourism and Cultural Communication program. This distinctive combination of communication and tourism capitalizes on proven graduate studies formulas at the best international institutions which offer communication and/or tourism degrees at the graduate level. The Master of Arts in Communications Concentration in Tourism and Cultural Communication program will equip participants to be future leaders in the tourism industry.

Concentration in Strategic Public Relations

The Master of Arts in Communications Concentration in Strategic Public Relations is designed for public relations and communications practitioners and professionals seeking to deepen and develop their knowledge and skills in strategic public relations, and for people not currently working in public relations who desire a career change. With a focus on applied theoretical approaches to practical challenges, the program will prepare graduates to become successful executives and leaders in the field of communications and public relations at the local and international levels.
Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Articulate a mastery of specialized knowledge in functional theories of communication.
2. Develop advanced skills to conduct research, evaluate information and formulate insights appropriate to the communication contexts in which they apply.
3. Apply professional knowledge in problem-solving that enables critical analysis, planning, implementation, and evaluation of comprehensive communication strategies.
4. Independently conceive and produce creative and innovative communications content suitable for a variety of audiences and in a variety of media forms.
5. Communicate complex information effectively and deliver professional presentations in written, verbal, digital and integrated formats.
6. Critically apply professional and ethical principles in pursuit and presentation of accurate, fair and objective information.

Course Delivery Format

The program is delivered in English over a period of 24 months at Zayed University in Abu Dhabi or Dubai. The in-classroom instruction for each course is conducted during two evenings per week on either Sunday & Tuesday or Monday & Wednesday from over a period of five weeks.

Admission Requirements

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced graduate program.

Candidates do not need an undergraduate degree in communication to pursue a master's degree in this program. However, candidates who were not communication or media majors will be required to take preparatory work as necessary. This will be determined on a case-by-case basis. Prospective students may be allowed to take qualifying coursework at another institution. Sufficient and appropriate professional experience may be substituted for the preparatory coursework at the discretion of the college.

<table>
<thead>
<tr>
<th>Program Required Courses</th>
<th>Credit Hours: (27 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM501 Foundations of Communication Studies</td>
<td>3</td>
</tr>
<tr>
<td>COM502 Introduction to Communication Research</td>
<td>3</td>
</tr>
<tr>
<td>COM504 Cross Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM506 Understanding Consumer Trends</td>
<td>3</td>
</tr>
<tr>
<td>COM507 Social and Digital Media Strategies</td>
<td>3</td>
</tr>
<tr>
<td>COM513 Corporate Social Responsibility and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>COM523 Event and Festival Planning and Promotion</td>
<td>3</td>
</tr>
<tr>
<td>COM550 Applied Research Seminar</td>
<td>3</td>
</tr>
<tr>
<td>COM551 Capstone Research Project</td>
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<table>
<thead>
<tr>
<th>Concentration in Tourism and Cultural Communications</th>
<th>Credit Hours: (9 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCC521 Strategic Planning and Development</td>
<td>3</td>
</tr>
<tr>
<td>TCC522 Tourism Communication</td>
<td>3</td>
</tr>
<tr>
<td>TCC525 Tourism in the UAE and MENA Region</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Concentration in Strategic Public Relations</th>
<th>Credit Hours: (9 Required)</th>
</tr>
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<tbody>
<tr>
<td>SPC512 Strategic Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>SPC514 Internal Communications</td>
<td>3</td>
</tr>
<tr>
<td>SPC515 Crisis and Risk Management Communication</td>
<td>3</td>
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</tbody>
</table>

Total: 36
College of Education

Degrees

Bachelor of Science in Education with Concentrations in:
- Early Childhood Education
- School Social Work
- Upper Primary, Preparatory Education, Teaching Field in English Language Learning (on-hold)
- Upper Primary, Preparatory Education, Teaching Field in Mathematics (on-hold)

Master of Education in Educational Leadership and Administration

Master of Education in Special Education

Master of Education in Teaching and Learning

Mission

The College of Education will support the development of educators, school professionals, and leaders, who will be agents of change in the United Arab Emirates, by offering nationally and internationally recognized programs of study. The College will actively engage in innovative and cutting edge research and development projects for the advancement of the education field in the United Arab Emirates.

Bachelor of Science in Education

The College of Education's undergraduate program provides prospective teachers, social workers and psychology and human development professionals with sound and rigorous preparation to enter their profession. Its programs are based on the belief that effective schools, strong communities and families, are essential to the sustainable development of the nation. Accomplished teachers and social workers know their subject matter well, and they understand how strong and healthy families and communities contribute to nation-building. They have high expectations society. They have a variety of tools to facilitate the emergence of healthy communities that support the development of healthy families.

Zayed University draws upon these understandings in its teacher and school social work preparation programs. Psychology and Human Services graduates are prepared with a sound foundation in psychology, helping skills, community engagement and services, and the understanding that a graduate degree will be an important element in the preparation of professionals in these fields.

The employment outlook in the United Arab Emirates is excellent. In this context, preparation at Zayed University, with emphasis on fluency in English and Arabic, technology and research skills, and preparation for leadership, serves the U.A.E

Concentrations in:
Early Childhood Education: The Early Childhood Education concentration prepares teacher candidates to teach children from birth to age eight. Teachers in this concentration have extensive practice at all levels and are well prepared to foster language and literacy development, numeracy and quantitative reasoning, and investigative skills.

School Social Work: The Social Work concentration focuses on social work candidates who are specifically targeting social work in schools by supporting student success and achievement, organizing topical discussions and work on current social issues, and supporting teachers in helping all children learn.

Upper Primary, Preparatory Education, Teaching Field in Mathematics (on hold)

Upper Primary, Preparatory Education, Teaching Field in English Language Learning (on hold)

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Professional Knowledge. Use the current and emerging professional knowledge and skill base of the profession and engage in continuous professional development.

2. Professionalism and Ethics. Make considered, informed and ethical decisions, demonstrate the ability to adjust and adapt to change in complex environments and exhibit professional attitudes and dispositions appropriate to the diverse UAE environment.

3. Cultural Responsiveness. Demonstrate respect for others in diverse environments, for the rich heritage and culture of the UAE and communicate competently in English and Arabic with stakeholders in professional environments.

4. Global Awareness. Establish commitment to inclusive environments; demonstrate empathy and global understanding in professional and learning environments.
5. STEM Education and Research. Draw from the foundational knowledge of science, technology, the arts and design, engineering and mathematics to support continuous development of innovative environments, educational and social research, review of impact of professional decision-making to support communities of practice in learning and practice environments.

6. Contextualized Practice. Use current and emerging learning theory, demonstrate content knowledge and skills in the disciplines, and demonstrate knowledge of language acquisition and cognitive development to assure best international practice contextualized in the educational environment of the UAE.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
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<tbody>
<tr>
<td>GEN110 Data Management and Analysis</td>
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<tr>
<td>GEN120 Life Skills</td>
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<td>GEN130 Arabic Concepts</td>
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<tr>
<td>GEN140 English Composition I</td>
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<td>GEN150 Global Awareness I: Human Geography</td>
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<tr>
<td>GEN135 Islamic Civilization I</td>
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<tr>
<td>GEN145 English Composition II</td>
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<tr>
<td>GEN175 Introduction to Information Technology</td>
<td>3</td>
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<tr>
<td>GEN185 Methods of Scientific Research and Development</td>
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<tr>
<td>GEN195 Living Science: Health and Environment</td>
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<tr>
<td>GEN220 Fundamentals of Innovation and Entrepreneurship</td>
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<td>GEN255 Emirates Studies</td>
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<thead>
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<th>Program Required Courses</th>
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<tbody>
<tr>
<td>EWS240 English Composition III</td>
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<tr>
<td>EDP202 Human Development</td>
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<tr>
<td>EDC350 Education Studies I: The Learner</td>
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<tr>
<td>EDC380 Practicum I</td>
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<tr>
<td>ETC460 Learning Technologies</td>
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<td>SPE324 People with Special Needs</td>
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<tr>
<td>EWS222 English in the Professions I</td>
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<tr>
<td>EDC351 Education Studies II: The Teacher</td>
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<tr>
<td>EDC390 Practicum II</td>
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<td>EWS223 English in the Professions II</td>
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<td>EDC321 Classroom Management</td>
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<td>EDC450 Education Studies III: Curriculum Design</td>
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<tr>
<td>EDC480 Practicum III</td>
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<tr>
<td>ARA330 Advanced Arabic language Skills in Education</td>
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<td>SPE465 Inclusive Classrooms</td>
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<td>EDC353 Principles and Practices in assessment</td>
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<td>EDC490 Internship</td>
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<td>EDC499 Capstone Seminar</td>
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<thead>
<tr>
<th>Concentration in Early Childhood Education</th>
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<tbody>
<tr>
<td>ECE314 Early Childhood Program Models</td>
<td>3</td>
</tr>
<tr>
<td>ECE207 Early and Middle Childhood Development</td>
<td>3</td>
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<tr>
<td>EDC323 Integrated Curriculum for Early Childhood</td>
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</tr>
<tr>
<td>MSE352 Early Childhood Mathematics and Science</td>
<td>3</td>
</tr>
<tr>
<td>APL373 Literacy and English Language Learning I</td>
<td>3</td>
</tr>
<tr>
<td>MSE452 Elementary Mathematics and Science</td>
<td>3</td>
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<tr>
<td>APL473 Literacy and English Language Learning II</td>
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<th>Concentration in School Social Work</th>
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<tbody>
<tr>
<td>SWK210 Introduction to Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SWK225 The Generalist Social Work Practice Process</td>
<td>3</td>
</tr>
<tr>
<td>SWK315 Social Work with Individuals &amp; Families</td>
<td>3</td>
</tr>
<tr>
<td>SWK325 Social Work with Groups</td>
<td>3</td>
</tr>
<tr>
<td>SWK311 Case Management</td>
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</tr>
<tr>
<td>SWK415 Social Work with Communities &amp; Organisations</td>
<td>3</td>
</tr>
<tr>
<td>SWK432 Professional, Ethical, and Legal Issues</td>
<td>3</td>
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<thead>
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<th>Program Electives</th>
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| Total: 120

Table: College Electives List

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<tr>
<th>College Electives List</th>
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<tbody>
<tr>
<td>EDC316 Parents as Educators</td>
<td>3</td>
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<tr>
<td>APL386 Literature for Children</td>
<td>3</td>
</tr>
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<td>APL341 Learning English in Schools</td>
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<td>EDP307 Adolescent Development</td>
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<td>SWK310 Diversity in a Multicultural Society</td>
<td>3</td>
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<tr>
<td>SWK466 Marriage and the Family</td>
<td>3</td>
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</table>
Minor in Education

Completion of this program will enable students from other colleges who are interested in education but do not plan to teach to become informed consumers of education and to expand their career opportunities in areas where business seeks expertise in materials development, design of instruction, or educational services. A minor in education will develop insight in the educational process and systems of education.

A minor in education enhances program offerings at Zayed University. The minor provides a background for students to apply in other professional venues such as business, communication, and industry and helps them develop broad perspectives on the purposes and forms of education and schooling, but does not prepare the graduate with training to be a teacher. Students will develop knowledge of human development and learning, systems of education, family stability issues that affect children in school, and opportunities related to children with special needs. The goal of the minor is to provide students an opportunity to examine systematically an institution that influences the lives of virtually every member of United Arab Emirates society.

Students will take 18 credit hours of courses in education, upon the advice of the Asst. Dean for Student Affairs in the College of Education. The minor will be designed to meet students' needs and interests.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours: (12 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE207 Early and Middle Childhood Development</td>
<td>3</td>
</tr>
<tr>
<td>EDP307 Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>SPE324 People with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>SWK407 Adulthood and Aging</td>
<td>3</td>
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</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>Credit Hours: (6 Required)</th>
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<tbody>
<tr>
<td>EDC316 Parents as Educators</td>
<td>3</td>
</tr>
<tr>
<td>EDC221 International Systems of Education</td>
<td>3</td>
</tr>
<tr>
<td>MSE352 Early Childhood Mathematics and Science</td>
<td>3</td>
</tr>
<tr>
<td>SWK432 Professional, Ethical, and Legal Issues</td>
<td>3</td>
</tr>
<tr>
<td>SWK466 Marriage and the Family</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18

Master of Education in Educational Leadership and Administration

The Master of Education in Educational Leadership and Administration program is designed to meet the needs and interests of school-based leaders and those aspiring to lead within an academic context, such as principals, vice-principals, and cluster managers. Designed on an outcomes-based learning model, the program ensures that principal-candidates graduate with the ability to apply best practice in educational leadership to meet the changing needs of society in the 21st century. To achieve successful student learning, a leader's work in education includes implementing evidence-based practice, ongoing teacher development, and actively engaging parents and community partners. Central to the vision of Zayed University’s College of Education is the belief that moral, ethical, and professional leadership is essential to the transformation of any education system. This vision aligns with the goal of the United Arab Emirates to ensure quality education for all U.A.E.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Critically analyze and use theories of pedagogy and andragogy to design and develop technology-enhanced student-centered learning environments and programs that promote inquiry skills and integrated reasoning for all learners.

2. Develop and/or select multiple reliable, valid, and authentic assessment tools and strategies to generate data to enhance student learning; evaluate teaching practices and performance; and support ongoing professional development.

3. Conduct, use, and evaluate ethical educational research and inquiry processes, including data/ knowledge management and analysis, to guide decision making for professional practice, program improvement, and successful learning for all students.

4. Develop a personal leadership philosophy that nurtures educational environments characterized by shared mission, vision, values and goals.

5. Lead and facilitate the collaborative development of a diverse school culture characterized by equity, social justice, transparency, and responsibility for all learners' academic and social success.
6. Critically analyze international educational reform initiatives and implement systemic data driven changes in K-12 environments.

7. Implement a systems and data-driven approach to the management of operations and allocation of human, fiscal, and technological resources that supports a culture of self and peer evaluation characterized by ongoing professional growth and development.

8. Promote innovative and entrepreneurial thinking among school stakeholders to enhance teaching and learning.

9. Build positive, collaborative, and sustainable relationships between school, parents, and diverse community stakeholders to support school wide development and progress.

10. Critically analyze the development of curricula over time and the rationale for the emergence of curriculum standards and accreditation in global education reform.

**Course Delivery Format**

The program is delivered in English over a period of 24 months at Zayed University in Abu Dhabi and/or Dubai. The graduate program delivery follows a full semester model, whereby three courses are offered simultaneously in each semester. Instruction is delivered through a blended learning mode that makes use of face-to-face sessions and online delivery that could be either synchronous or asynchronous. Face-to-face sessions are held on Saturdays. Synchronous online sessions are scheduled during early evening times, while asynchronous sessions are more flexible in nature. The overall instructional time for each course is 48 hours.

**Admission Requirements**

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree in education with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced master's degree program. Experience in the field of education or relevant areas is required.

**Program required courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDP610</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDC612</td>
<td>Introduction to Educational Research</td>
<td>3</td>
</tr>
<tr>
<td>ELA614</td>
<td>Strategic Leadership in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDC620</td>
<td>Data Analysis in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDC625</td>
<td>Curriculum and Standards in an International Context</td>
<td>3</td>
</tr>
<tr>
<td>ELA627</td>
<td>Educational Improvement and Systemic Change</td>
<td>3</td>
</tr>
<tr>
<td>EDC630</td>
<td>Assessment and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ELA633</td>
<td>Human Performance and Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>ELA635</td>
<td>The Learning Organizations</td>
<td>3</td>
</tr>
<tr>
<td>EDC643</td>
<td>School-Community Partnerships</td>
<td>3</td>
</tr>
<tr>
<td>ELA647</td>
<td>Leadership, Entrepreneurship, and Learning</td>
<td>3</td>
</tr>
<tr>
<td>ELA648</td>
<td>Graduate Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total: 36**

**Master of Education in Special Education**

The Master of Education in Special Education program is designed for experienced educators who are committed to creating and expanding inclusive opportunities for people with specialized needs within the United Arab Emirates, and who wish to expand their knowledge and assume roles of leadership in the education community. Within the program there is the opportunity for interests to evolve in areas of specialization through collaboration with professional bodies within the United Arab Emirates and internationally. The goal of the program is to prepare professionals to make informed decisions, in classrooms, schools, and the wider community, that will contribute to positive futures for people with specialized needs.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

1. Critically analyze and use theories of pedagogy and andragogy to design and develop technology-enhanced student-centered learning environments and programs that promote inquiry skills and integrated reasoning for all learners.

2. Develop and/or select multiple reliable, valid, and authentic assessment tools and strategies to generate data to a) enhance student learning; b) evaluate teaching practices and performance; and c) support ongoing professional development.
3. Conduct, use, and evaluate ethical educational research and inquiry processes, including data/ knowledge management and analysis, to guide decision making for professional practice, program improvement, and successful learning for all students.

4. Critically analyze the impact of a range of physical, cognitive, and social abilities on human growth and development, success in the schools, further education, workforce, and the community.

5. Utilize contemporary theories, models, and curricula frameworks to facilitate the development of positive and sustainable school cultures supported by inclusive principles and practices.

6. Critically analyze a range of legal frameworks and policies pertaining to special and inclusive education and their implications for effective planning and management for inclusive education in the UAE.

7. Use and evaluate a range of assessment approaches and instruments that facilitate identification and program support for students with specialized learning needs.

8. Critically analyze and assess a range of learning difficulties and the implications of contemporary evidence-based practices for successful student learning.

9. Critically analyze and assess typical and atypical language development and the implications of contemporary evidence-based practices for successful student learning.

10. Critically analyze and assess a range of behavioral difficulties and the implications of contemporary evidence-based practices for successful student learning.

**Course Delivery Format**

The program is delivered in English over a period of 24 months at Zayed University in Abu Dhabi and/or Dubai. The graduate program delivery follows a full semester model, whereby three courses are offered simultaneously in each semester. Instruction is delivered through a blended learning mode that makes use of face-to-face sessions and online delivery that could be either synchronous or asynchronous. Face-to-face sessions are held on Saturdays. Synchronous online sessions are scheduled during early evening times, while asynchronous sessions are more flexible in nature. The overall instructional time for each course is 48 hours.

**Admission Requirements**

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree in education with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced master’s degree program. Experience in the field of education or relevant areas is required.

<table>
<thead>
<tr>
<th>Program required courses</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDP610 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDC612 Introduction to Educational Research</td>
<td>3</td>
</tr>
<tr>
<td>SPE615 Exploring Diversity</td>
<td>3</td>
</tr>
<tr>
<td>EDC620 Data Analysis in Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE623 Learning Difficulties: Issues and Practices</td>
<td>3</td>
</tr>
<tr>
<td>SPE626 Behavioral Difficulties: Issues and Practices</td>
<td>3</td>
</tr>
<tr>
<td>EDC630 Assessment and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>SPE634 Language Development and Communication</td>
<td>3</td>
</tr>
<tr>
<td>SPE638 Identification and Assessment of People with Behavioral and Learning Difficulties</td>
<td>3</td>
</tr>
<tr>
<td>EDC642 Implementing Inclusive Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE644 Policy, Planning &amp; Management of Special &amp; Inclusive Education</td>
<td>3</td>
</tr>
<tr>
<td>EDC649 Engaging in Educational Research</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total: 36**

**Master of Education in Teaching and Learning**

The Master of Science in Teaching and Learning program is designed to support practicing teachers and teacher leaders who aim at being change agents in today’s educational systems. The program enables graduates to make the best of evidence-based research in the creation of student-centered learning environments. The goal of the program is to prepare professional teachers—interested in assuming roles of curriculum and professional development leadership in the education community—to make informed educational decisions that will contribute to the enhancement of the teaching and learning process in the connected 21st century classroom.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:
1. Critically analyze and use theories of pedagogy and andragogy to design and develop technology-enhanced student-centered learning environments and programs that promote inquiry skills and integrated reasoning for all learners.

2. Develop and/or select multiple reliable, valid, and authentic assessment tools and strategies to generate data to enhance student learning; evaluate teaching practices; and performance; and support ongoing professional development.

3. Conduct, use, and evaluate ethical educational research and inquiry processes, including data/ knowledge management and analysis, to guide decision making for professional practice, program improvement, and successful learning for all students.

4. Critically analyze the impact of a range of physical, cognitive, and social abilities on human growth and development for success in the schools, further education, the workforce, and community.

5. Support senior management in facilitating the collaborative development of a positive diverse school culture characterized by differentiated instructional principles and practices.

6. Critically review contemporary models of organizational culture and organizational behavior and their implications for building a culture of knowledge sharing, mentoring, and collegial engagement in communities of practice to advance continuous development of teaching and learning.

7. Critically review and analyze national and international curricula to inform contextualized decision making that improves programs and enhances student learning and achievement.

8. Critically analyze the role of contemporary technologies in the design and development of successful learning environments and their implications for the delivery of educational programs.

9. Critically analyze learning and behavior management theories and evaluate their implications for the design, development, and implementation of successful learning environment.

**Course Delivery Format**

The program is delivered in English over a period of 24 months at Zayed University in Abu Dhabi and/or Dubai. The graduate program delivery follows a full semester model, whereby three courses are offered simultaneously in each semester. Instruction is delivered through a blended learning mode that makes use of face-to-face sessions and online delivery that could be either synchronous or asynchronous. Face-to-face sessions are held on Saturdays. Synchronous online sessions are scheduled during early evening times, while asynchronous sessions are more flexible in nature. The overall instructional time for each course is 48 hours.

**Admission Requirements**

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree in education with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced master's degree program. Work experience in the field of education in areas such as teaching, curriculum, and educational resources is required.

<table>
<thead>
<tr>
<th>Program required courses</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDP610 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDC612 Introduction to Educational Research</td>
<td>3</td>
</tr>
<tr>
<td>SPE615 Exploring Diversity</td>
<td>3</td>
</tr>
<tr>
<td>EDC620 Data Analysis in Education</td>
<td>3</td>
</tr>
<tr>
<td>CDI622 Curriculum Design and Development</td>
<td>3</td>
</tr>
<tr>
<td>ETC624 Educational Technology and Instructional Design</td>
<td>3</td>
</tr>
<tr>
<td>EDC630 Assessment and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>EDC632 Advanced Classroom Management</td>
<td>3</td>
</tr>
<tr>
<td>ETC638 Contemporary Educational Delivery Models: Issues and Practices</td>
<td>3</td>
</tr>
<tr>
<td>EDC642 Implementing Inclusive Education</td>
<td>3</td>
</tr>
<tr>
<td>EDC645 Developing Schools as Learning Communities</td>
<td>3</td>
</tr>
<tr>
<td>EDC649 Engaging in Educational Research</td>
<td>3</td>
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</tbody>
</table>

**Total: 36**
### College of Humanities and Social Sciences

**Departments**
- Social Sciences
- Arabic Language
- Islamic World Studies

**Degrees**

**Bachelor of Arts in International Studies**

Concentrations in:
- International Relations
- Middle East/Gulf Studies
- Political Economy and Development

**Bachelor of Arts in Emirati Studies**
(joint program with College of Communication and Media Sciences)

**Masters in Diplomacy and International Affairs**

**Master of Arts in Judicial Studies**

**Executive Masters in Public Administration**
(on hold)

**Minor**

- Minor in Literature
- Minor in Middle East and GCC Studies
- Minor in Arabic for Media

**MISSION**

The College of Humanities and Social Sciences (CHSS) seeks to cultivate intellectually engaged and globally minded citizens who will contribute to the development and well-being of the nation and their local communities in the context of an ever-changing and complex world.

**Bachelor of Arts in International Studies**

The Bachelor of Arts in International Studies provides a rigorous education in the political, economic, and socio-cultural aspects of the complex interrelationships that exist within and among nations in a rapidly changing and increasingly interdependent world. It also prepares students to be effective, globally aware decision-makers in the opening years of the 21st century. The combination of the knowledge of disciplinary fields with practical knowledge develops the foundation for careers in public and community service, diplomacy, the private and public sector, and graduate studies in the humanities and the social sciences.

In fast-developing and changing societies such as the United Arab Emirates, the people who understand the dynamic nature of the globalization of societies, their institutions, problems, and opportunities can most competently advance effective social, economic, and political developments.

Building on a foundation of faculty strength across disciplines in the social sciences and humanities (anthropology, film and literature studies, history, international relations, political science, and sociology), students in the International Studies program are offered a chance to specialize in one of three concentrations after completing at least 57 credit hours of core courses. The concentrations in International Relations, Political Economy & Development, and Middle East & Gulf Studies cater to different academic interests and career aspirations. Eligible International Studies students may apply for the HSS Honors Thesis option, which will add 3 credit hours to their program.

**Concentrations in:**

- **International Relations:** The concentration in International Relations (IR) offers students an in-depth appreciation of the central issues in foreign policy, and the complex web of interactions among and between states and international organizations in a post-hegemonic and multipolar world.

- **Middle East/Gulf Studies:** The concentration in Middle East and the Gulf (MG) is aimed at students keen to focus on the history, cultural heritage, politics, and peoples who live in this diverse part of the world, and their attempts to respond to the challenges of a rapidly changing world.

- **Political Economy and Development:** The concentration in Political Economy and Development (PE) adopts a comparative perspective on the drivers of development, modernization, economic sustainability, and globalization, as well as their impact on societies and the environment.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

1. **Disciplinary and Interdisciplinary Knowledge:**
   - On successful completion of the program, the student will demonstrate a solid understanding of major ideas, works, theories, and debates in the humanities and social sciences, analyze various connections
across these disciplines, and apply this knowledge when explaining the relations between states and non-state actors at the local, regional and international levels.

2. **Language and Communication:**
On successful completion of the program, the student will demonstrate solid written, oral, and visual communication skills in English using rigorous academic standards and, when required, advanced informational technology skills to present and explain complex matters and arguments.

3. **Critical Thinking:**
On successful completion of the program, the student will critically assess and evaluate information to develop logical and coherent arguments, weigh the merits of alternative ideas, and develop informed conclusions within and across various fields of study.

4. **Global Awareness:**
On successful completion of the program, the student will exhibit an understanding of the political, economic, social and cultural trends happening in the world and will evaluate differences from an informed and responsible point of view.

5. **Research Capacity:**
On successful completion of the program, the student will demonstrate a strong ability to investigate, assess and use data from multiple sources, a solid proficiency in qualitative and quantitative research methods, and an ability to conduct high-quality research projects.

6. **Professional Competency:**
On successful completion of the program, the student will show high ethical and professional standards when engaging with colleagues, either individually or as part of a team, and will demonstrate responsibility and a sense of self-independence and leadership.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis 3</td>
</tr>
<tr>
<td>GEN120</td>
<td>Life Skills 3</td>
</tr>
<tr>
<td>GEN130</td>
<td>Arabic Concepts 3</td>
</tr>
<tr>
<td>GEN140</td>
<td>English Composition I 3</td>
</tr>
<tr>
<td>GEN150</td>
<td>Global Awareness I: Human Geography 3</td>
</tr>
<tr>
<td>GEN135</td>
<td>Islamic Civilization I 3</td>
</tr>
<tr>
<td>GEN145</td>
<td>English Composition II 3</td>
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<table>
<thead>
<tr>
<th>Program Required Courses</th>
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<tr>
<td>EWS240</td>
<td>English Composition III 3</td>
</tr>
<tr>
<td>HIS251</td>
<td>World History 3</td>
</tr>
<tr>
<td>ANT261</td>
<td>Introduction to Culture and Society 3</td>
</tr>
<tr>
<td>POL227</td>
<td>Introduction to Political Science 3</td>
</tr>
<tr>
<td>HIS204</td>
<td>History of the Twentieth Century 3</td>
</tr>
<tr>
<td>SOC200 or</td>
<td>Social and Economic Trends in the Gulf 3</td>
</tr>
<tr>
<td>HIS201</td>
<td>History of the United Arab Emirates 3</td>
</tr>
<tr>
<td>HIS203</td>
<td>History of the Modern Middle East 3</td>
</tr>
<tr>
<td>SOC326</td>
<td>Comparative Intellectual Traditions 3</td>
</tr>
<tr>
<td>POL325</td>
<td>Comparative Political Systems 3</td>
</tr>
<tr>
<td>ANT328</td>
<td>Critical Thinking 3</td>
</tr>
<tr>
<td>FLS361 or</td>
<td>World Cinemas 3</td>
</tr>
<tr>
<td>ANT362</td>
<td>Popular Cultures 3</td>
</tr>
<tr>
<td>SOC374</td>
<td>Comparative Sociology 3</td>
</tr>
<tr>
<td>POL335</td>
<td>International Organizations 3</td>
</tr>
<tr>
<td>ARA310</td>
<td>Advanced Arabic language Skills in Social sciences 3</td>
</tr>
<tr>
<td>HSS353</td>
<td>Politics of Identity 3</td>
</tr>
<tr>
<td>HSS397</td>
<td>Special Topics 3</td>
</tr>
<tr>
<td>HSS466</td>
<td>Applied Research Methods 3</td>
</tr>
<tr>
<td>HSS497</td>
<td>Senior Seminar: Modernity and its Challenges 3</td>
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<tr>
<td>HSS490</td>
<td>Internship 3</td>
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<table>
<thead>
<tr>
<th>Concentration in International Relations</th>
<th>Credit Hours: (21 Required)</th>
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<tbody>
<tr>
<td>POL330</td>
<td>International Law and World Politics 3</td>
</tr>
<tr>
<td>POL331</td>
<td>Principles of International Relations 3</td>
</tr>
<tr>
<td>POL332</td>
<td>International Relations in the Gulf Region 3</td>
</tr>
<tr>
<td>POL333</td>
<td>Foreign Relations of the United States 3</td>
</tr>
<tr>
<td>POL336</td>
<td>Foreign Policy of Emerging Powers 3</td>
</tr>
<tr>
<td>ANT430 or</td>
<td>World Regions: Americas 3</td>
</tr>
<tr>
<td>ANT431</td>
<td>World Regions: Europe 3</td>
</tr>
<tr>
<td>ANT432 or</td>
<td>World Regions: Middle East 3</td>
</tr>
<tr>
<td>ANT433 or</td>
<td>World Regions: South Asia 3</td>
</tr>
<tr>
<td>ANT434 or</td>
<td>World Regions: East Asia 3</td>
</tr>
<tr>
<td>ANT435 or</td>
<td>World Regions: Africa 3</td>
</tr>
<tr>
<td>ANT436</td>
<td>World Regions: Mediterranean 3</td>
</tr>
</tbody>
</table>
Bachelor of Arts in Emirati Studies (joint program with College of Communication and Media Sciences)

This interdisciplinary program draws theoretical perspectives and applied knowledge from the Colleges of Humanities and Social Science, and, Communication and Media Sciences in order to develop a comprehensive course of study in two fundamental areas of Emirati cultural resources: archaeological and historical knowledge, heritage and cultural production. The other elements of the program are designed to provide career preparation in exhibition design and curatorship, and cultural tourism—sectors that are expanding within the United Arab Emirates. The country needs citizens who, knowing their history, heritage, and culture, can work effectively in both heritage tourism and cultural tourism. Those targeted growth sectors are seeing considerable investment in restoration, conservation, museums, arts centers, and cultural festivals and celebrations. Investment in the human capital to staff those new ventures is necessary if the United Arab Emirates is to be a successful tourist destination. Graduates with the degree in Emirati Studies will expand national capacity in all the knowledge and skill areas that support and sustain heritage and cultural tourism. Eligible Emirati Studies students may apply for the HSS Honors Thesis option, which will add 3 credit hours to their program.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

1. **Knowledge and Methods:** On successful completion of the program, the student will demonstrate comprehensive understanding of the major concepts, theories, and methods in history, archaeology, and the social sciences, and use this knowledge effectively to analyze and explain Emirati society and culture.
2. Language and Communication: On successful completion of the program, the student will demonstrate strong written, oral, and visual communication skills in English and Arabic to present and explain complex matters.

3. Critical Thinking: On successful completion of the program, the student will critically assess and evaluate information pertaining to Emirati society, history, and culture to develop coherent arguments and informed conclusions within and across various fields of study.

4. Regional and Transnational Awareness: On successful completion of the program, the student will exhibit an understanding of the historical background and emerging social, economic, and cultural trends in the UAE, the Arab Gulf states and the wider region.

5. Research Competency: On successful completion of the program, the student will demonstrate advanced skills in investigating, assessing and synthesizing data from archival, policy and international academic sources, and the ability to disseminate high-quality research at presentations and conferences.

6. Professionalism and Leadership: On successful completion of the program, the student will demonstrate the skills, responsibility, and professionalism required to lead teams and manage projects.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis</td>
</tr>
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<td>GEN120</td>
<td>Life Skills</td>
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</tr>
<tr>
<td>GEN135</td>
<td>Islamic Civilization I</td>
</tr>
<tr>
<td>GEN145</td>
<td>English Composition II</td>
</tr>
<tr>
<td>GEN175</td>
<td>Introduction to Information Technology</td>
</tr>
<tr>
<td>GEN185</td>
<td>Methods of Scientific Research and Development</td>
</tr>
<tr>
<td>GEN195</td>
<td>Living Science: Health and Environment</td>
</tr>
<tr>
<td>GEN220</td>
<td>Fundamentals of Innovation and Entrepreneurship</td>
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<tr>
<td>GEN255</td>
<td>Emirates Studies</td>
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<table>
<thead>
<tr>
<th>Program Required Courses</th>
<th>Credit Hours: (51 Required)</th>
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</thead>
<tbody>
<tr>
<td>EWS240</td>
<td>English Composition III</td>
</tr>
<tr>
<td>HIS251</td>
<td>World History</td>
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</table>

<table>
<thead>
<tr>
<th>Program Electives</th>
<th>Credit Hours: (33 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT261</td>
<td>Introduction to Culture and Society</td>
</tr>
<tr>
<td>SOC200</td>
<td>Social and Economic Trends in the Gulf</td>
</tr>
<tr>
<td>HIS201</td>
<td>History of the United Arab Emirates</td>
</tr>
<tr>
<td>HIS202</td>
<td>Archaeology: Knowledge and Methods</td>
</tr>
<tr>
<td>HIS21</td>
<td>Heritage of the Gulf</td>
</tr>
<tr>
<td>HIS381</td>
<td>Legacy of Sheikh Zayed bin Sultan al Nahayan</td>
</tr>
<tr>
<td>HIS382</td>
<td>Archaeology of the Emirates</td>
</tr>
<tr>
<td>ANT385</td>
<td>Bedouin Society</td>
</tr>
<tr>
<td>ARA310</td>
<td>Advanced Arabic language Skills in Social sciences</td>
</tr>
<tr>
<td>HSS397</td>
<td>Special Topics</td>
</tr>
<tr>
<td>HIS401</td>
<td>Political History of the UAE</td>
</tr>
<tr>
<td>HSS466</td>
<td>Applied Research Methods</td>
</tr>
<tr>
<td>POL421</td>
<td>Policy Case Study I</td>
</tr>
<tr>
<td>HSS497</td>
<td>Senior Seminar: Modernity and its Challenges</td>
</tr>
<tr>
<td>HSS490</td>
<td>Internship</td>
</tr>
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<table>
<thead>
<tr>
<th>College Electives List</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS203</td>
</tr>
<tr>
<td>ISL209</td>
</tr>
<tr>
<td>ANT301</td>
</tr>
<tr>
<td>ANT302</td>
</tr>
<tr>
<td>POL334</td>
</tr>
<tr>
<td>HSS353</td>
</tr>
<tr>
<td>HIS383</td>
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<tr>
<td>ANT384</td>
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<td>POL332</td>
</tr>
<tr>
<td>POL422</td>
</tr>
<tr>
<td>SOC453</td>
</tr>
<tr>
<td>ARA240</td>
</tr>
<tr>
<td>ARA375</td>
</tr>
<tr>
<td>ARA340</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-College Electives List</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM230</td>
</tr>
<tr>
<td>TCC237</td>
</tr>
</tbody>
</table>
Minor in Middle East and GCC Studies

This Minor in Middle East and GCC Studies is an 18 credit-hours program offering undergraduate students courses in the history, politics, society, and culture of the Middle East region. It aims to provide students with a solid humanistic and social science foundation on which to form opinions, explain socio-political issues and better understand how to navigate the societal and institutional realities that they will encounter on a daily basis.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCC371</td>
<td>Tourism Principles</td>
<td>3</td>
</tr>
<tr>
<td>TCC372</td>
<td>Communicating Tourism: Destinations, and Heritage</td>
<td>3</td>
</tr>
<tr>
<td>COM200</td>
<td>Communication, Media and Society</td>
<td>3</td>
</tr>
<tr>
<td>TCC375</td>
<td>Planning and Promotion for Events and Festivals</td>
<td>3</td>
</tr>
</tbody>
</table>

200-Level Courses

Students are required to take the three following 200-level courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC200</td>
<td>Social and Economic Trends in the Gulf</td>
<td>3</td>
</tr>
<tr>
<td>HIS201</td>
<td>History of the United Arab Emirates</td>
<td>3</td>
</tr>
<tr>
<td>HIS203</td>
<td>History of the Modern Middle East</td>
<td>3</td>
</tr>
</tbody>
</table>

300-Level Courses

Students are required to take two of the following six 300-Level courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS321</td>
<td>Heritage of the Gulf</td>
<td>3</td>
</tr>
<tr>
<td>POL332</td>
<td>International Relations in the Gulf Region</td>
<td>3</td>
</tr>
<tr>
<td>POL334</td>
<td>The Politics of Oil</td>
<td>3</td>
</tr>
<tr>
<td>FLS361</td>
<td>World Cinemas</td>
<td>3</td>
</tr>
<tr>
<td>HIS381</td>
<td>Legacy of Sheikh Zayed bin Sultan al Nahayan</td>
<td>3</td>
</tr>
<tr>
<td>ANT385</td>
<td>Bedouin Society</td>
<td>3</td>
</tr>
</tbody>
</table>

400-Level Courses

Students are required to take one of the following three 400-Level courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS401</td>
<td>Political History of the UAE</td>
<td>3</td>
</tr>
<tr>
<td>ANT455</td>
<td>People and Cultures of the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>ANT432</td>
<td>World Regions: Middle East</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18

Minor in Literature

The College of Humanities and Social Sciences offers a minor in Literature. It gives students the opportunity to study a wide array of world literature and enhance their status as educated persons. Students strengthen and enlarge capabilities that they began developing in General Education courses and are refining in their study area. They improve as readers, speakers, and writers of English. They sharpen their ability to think critically as they intellectually engage challenging texts. Students minoring in Literature exercise their imaginations and expand their facility for research. They extend and deepen their understanding of historical forces, diverse cultures, and the human condition. The minor in Literature comprises the following six courses.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours: (18 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLS360</td>
<td>Film and Literature</td>
<td>3</td>
</tr>
<tr>
<td>FLS363</td>
<td>Drama</td>
<td>3</td>
</tr>
<tr>
<td>FLS364</td>
<td>Modern and Contemporary Literature</td>
<td>3</td>
</tr>
<tr>
<td>FLS365</td>
<td>The Novel</td>
<td>3</td>
</tr>
<tr>
<td>FLS367</td>
<td>World Poetry</td>
<td>3</td>
</tr>
<tr>
<td>FLS368</td>
<td>World Fiction</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18

Minor in Arabic for Media

The Minor in Arabic for Media is designed for students who want to develop their speaking, reading and writing Arabic Language skills in the fields of: public relations, public affairs, advertising, sales promotion and marketing. Students will develop writing for multi-platform Media in Arabic, such as writing for social media, writing for business communication, feature writing, writing for television, radio, online, public relations and promotional writing, as well as an understanding of the fundamentals of public speaking and persuasion. In addition, Students will strengthen their research skills, in preparation for a project related to media, and acquire important skills such as searching for the exact terms, and appropriate use of technological resources in the research process.

Upon completion of this minor, students should have a wide knowledge of fundamentals of Media writings: online and conventional, deepened their language competency, and refined their critical thinking skills. They should also be able to use the skills they gained in the workplace.
### Master of Arts in Diplomacy and International Affairs

Zayed University educates and trains the future generation of diplomats from the United Arab Emirates, as well as professionals from around the world, for successful careers in diplomacy and international affairs.

#### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. **Political and Economic Knowledge:**
   Upon successful completion of the program, the student will demonstrate a detailed understanding of advanced political, economic, and historical concepts, a strong ability to connect these various disciplines together when explaining local and international events, and advanced skills when evaluating current international affairs and state relations.

2. **Research and Communication Capacity:**
   Upon successful completion of the program, the student will show an advanced ability to investigate, assess and use data from multiple sources using information technology tools, a solid proficiency in qualitative research methods when executing high-quality projects whether independently or as part of a team, highly-developed problem-solving skills when evaluating complex concepts and information, and a strong ability to present and explain findings to a wider audience.

3. **Global Awareness:**
   Upon successful completion of the program, the student will assess and critique the various political, economic, historical and social forces affecting events in various areas of the world, analyze the many socio-cultural norms shaping the international system, and appraise complex ethical issues happening in different contexts to form educated and informed opinions.

4. **Public Diplomacy:**
   Upon successful completion of the program, the student will apply complex tools of public diplomacy in the conduct of foreign relations and demonstrate responsibility and autonomy when initiating and undertaking diplomatic and professional exercises in the classroom and at the workplace.

5. **Global-Local Relations:**
   Upon successful completion of the program, the student will analyze the role of the United Arab Emirates (UAE) in international affairs, evaluate the complex political, administrative, and legal structure of the state, and produce, in a responsible and autonomous way, further approaches, strategies and practices to the understanding of the UAE’s contributions to the international political and economic system.

#### Course Delivery Format

The program is delivered in Arabic and English over a period of 24 months at Zayed University in Abu Dhabi. The in-class room instruction for each course is conducted during two evenings on weekdays.

#### Admission Requirements

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced master’s degree program.
Program Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL623</td>
<td>International Relations</td>
<td>3</td>
</tr>
<tr>
<td>HIS633</td>
<td>Diplomatic History: the Shaping of Contemporary International Affairs</td>
<td>3</td>
</tr>
<tr>
<td>POL643</td>
<td>International Political Economy</td>
<td>3</td>
</tr>
<tr>
<td>POL653</td>
<td>Public Diplomacy</td>
<td>3</td>
</tr>
<tr>
<td>LAW663</td>
<td>The United Arab Emirates: Political and Administrative Structure</td>
<td>3</td>
</tr>
<tr>
<td>POL673</td>
<td>International Relations of the UAE</td>
<td>3</td>
</tr>
<tr>
<td>POL683</td>
<td>Politics of Oil</td>
<td>3</td>
</tr>
<tr>
<td>POL693</td>
<td>Security Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 30

Area Studies Courses

Two courses with an Area Studies focus which are based on the needs of each individual class.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL614</td>
<td>The Middle East</td>
<td>3</td>
</tr>
<tr>
<td>POL615</td>
<td>Africa</td>
<td>3</td>
</tr>
<tr>
<td>POL616</td>
<td>East Asia</td>
<td>3</td>
</tr>
<tr>
<td>POL617</td>
<td>Latin America</td>
<td>3</td>
</tr>
<tr>
<td>POL618</td>
<td>Modern Turkey</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 6

Master of Arts in Judicial Studies

There is a growing need for highly trained legal professionals as lawyers, judges, assistant judges, and court-room prosecutors etc., in the U.A.E. and other Gulf States. Increasing socio-economic and cultural complexities require skilled legal practitioners with an integrated and sophisticated understanding of the theories, concepts and practices of justice that determine the rule of law.

The Master of Arts (M.A.) in Judicial Studies program that is offered in Arabic, provides participants with the latest developments in the field of law and judicial administration to improve their skills and to equip them with the knowledge and competencies necessary for successful handling and dealing with judicial administration in public and private law.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Legal Developments: Identify and analyze contemporary developments in legal studies to make informed decisions as part of the judicial process.
2. Efficient Management: Manage the judicial process effectively and efficiently through the application of appropriate theories and laws.
3. Objectivity: Analyze and assess evidence and proof in order to apply the spirit of justice in a timely and objective manner.
4. Creative Thinking: Think critically and creatively to build logical arguments and resolve complex cases.
5. Ethics: Appropriately apply the norms and ethical systems of judges, prosecutors, and other law administrators.

Contextual Understanding: Recognize and mitigate the social, cultural, and economic obstacles acting against the fair and independent administration of law.

6. Independence: Protect the independence of the judicial process without acting unjustly toward other branches of government.

Course Delivery Format

The program is delivered in Arabic over a period of 24 months at Zayed University in Abu Dhabi and/ or Dubai. The in-class room instruction for each course is conducted in Arabic in blocks of two or sometimes three face-to-face courses delivered in parallel over approximately 8 weeks. Each course meets once a week.

Admission Requirements

Applicants must have earned a four-year baccalaureate degree with a GPA of 3.0 or higher from an accredited university in either Law, or Sharia and Law (excluding former degrees from UAEU and Imam Mohamed Bin Saoud University, etc.), or Police + Law Firm License ("Lawyer License"). Applicants must be proficient in the Arabic language.

Program Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW601</td>
<td>Law and Society</td>
<td>2</td>
</tr>
<tr>
<td>LAW602</td>
<td>New Trends in Civil Law</td>
<td>2</td>
</tr>
<tr>
<td>LAW603</td>
<td>New Trends in Criminal Law</td>
<td>2</td>
</tr>
<tr>
<td>LAW604</td>
<td>New Trends in Commercial Law</td>
<td>2</td>
</tr>
<tr>
<td>LAW605</td>
<td>New Trends in Administrative Law</td>
<td>2</td>
</tr>
<tr>
<td>LAW606</td>
<td>English for Legal Purposes</td>
<td>2</td>
</tr>
<tr>
<td>LAW610</td>
<td>The Judicial Profession and Ethics</td>
<td>2</td>
</tr>
<tr>
<td>LAW611</td>
<td>Criminal Procedural Law</td>
<td>2</td>
</tr>
<tr>
<td>LAW612</td>
<td>Civil Procedural Law</td>
<td>2</td>
</tr>
<tr>
<td>LAW613</td>
<td>Islamic Legal Theory and the Philosophy of Family Law</td>
<td>2</td>
</tr>
</tbody>
</table>
Executive Masters in Public Administration (on hold)

The Executive Masters in Public Administration (EMPA) will not be offered in the 2017-2018 academic year.

For further information, please contact:
The Office of Graduate Studies
Zayed University
P.O. Box 144534
Abu Dhabi, U.A.E.
Tel: +971-2-599-3605
Web: www.zu.ac.ae

College of Natural and Health Sciences

Departments
- Life and Environmental Sciences
- Psychology
- Health Sciences

Degrees

Bachelor of Science in Environmental Science and Sustainability

Bachelor of Science in Public Health and Nutrition

Bachelor of Science in Psychology and Human Services (joint program with College of Education)

Minor

Minor in Applied Psychology
Minor in Public Health

Mission

The mission of the College of Natural and Health Sciences is to:

- Pursue cutting-edge collaborative research that directly addresses issues of national and global concern in environment and health.
- Promote synergy between scholarly activity, service and outreach with the wider community, to build greater environmental resilience and to develop sustainable solutions for a more prosperous and healthy future.
- Provide inspiring academic programs that will nurture students' personal growth and development, enabling their entry into the workforce upon graduation as competent and effective professionals.

Bachelor of Science in Environmental Science and Sustainability

Environmental Science and Sustainability Students in Environmental Science and Sustainability have an interest in science and environmental issues. The degree concentrates on topics involving environmental sustainability, an established ideology that promotes environmentally-conscious living and development. Courses will discuss local and global environmental topics from a social, political, economic and ethical perspective, giving students the necessary comprehensive approach in dealing with the UAE's complex environmental challenges. This is driven by the changing 21st century landscape, where climate change, the need for efficient use of limited natural resources including energy and water, biodiversity loss, and deteriorating living conditions involving transportation, food safety, health and other issues demand environmentally friendly solutions. Courses will impart knowledge and skills in all basic sciences, and research, as well as the analysis of environmental and sustainability problems, and the development of strategies to address these.

The study of the environment requires a solid

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>LAW620</td>
<td>Scientific Evidence and Expert Testimony</td>
<td>2</td>
</tr>
<tr>
<td>LAW621</td>
<td>Judicial Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>LAW622</td>
<td>Case Analysis and Judicial Decision Making</td>
<td>2</td>
</tr>
<tr>
<td>LAW623</td>
<td>Effective Team Court Management</td>
<td>2</td>
</tr>
<tr>
<td>LAW624</td>
<td>Alternatives to Judicial Arbitration</td>
<td>2</td>
</tr>
<tr>
<td>LAW625</td>
<td>Argument Building and Persuasion</td>
<td>2</td>
</tr>
<tr>
<td>LAW640</td>
<td>Advanced Judicial Writing</td>
<td>2</td>
</tr>
<tr>
<td>LAW641</td>
<td>Advocacy Skills</td>
<td>2</td>
</tr>
<tr>
<td>LAW642</td>
<td>Logic and Legal Reasoning</td>
<td>2</td>
</tr>
<tr>
<td>LAW650</td>
<td>Research Project</td>
<td>6</td>
</tr>
</tbody>
</table>

Total: 45
understanding of the sciences, and this preparation could be used for graduate medical studies as students will be able to achieve all requirements for pre-med, provided that the elective outside the program is a psychology course. Career paths are therefore flexible and can either lead to environmental careers, or to graduate studies such as medicine, or any other discipline which requires solid scientific preparation. Careers in environmental science include environmental protection, environmental management, sustainable technologies, environmental health, environmental science, sustainability science, or energy science.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

1. **Conceptual Knowledge:** The student will understand the fundamental principles of the natural sciences and their application to environmental issues including environmental sustainability, health, waste management, biodiversity conservation, environmental hazards, energy and earth systems.

2. **Communication Skills:** The student will explain environmental science and sustainability concepts using the related terminology in context, and will formulate content using advanced written, oral and visual communication skills.

3. **Problem Solving & Critical Thinking:** The student will critically assess the information from various sources to develop logical and coherent arguments and evaluate practical and sustainable solutions to environmental problems.

4. **Research Skills:** The student will demonstrate a strong understanding of scientific methods and approaches to collect and analyze scientific data and will apply this knowledge using scientific tools and techniques during practical field and laboratory exercises.

5. **Environmental Awareness & Responsibility:** The student will demonstrate a wide appreciation of modern environmental issues at both local and global scales and will incorporate socio-cultural norms while taking on professional responsibilities in environmental stewardship.

6. **Practical And Professional Engagement:** The student will develop skills to operate professionally, ethically and autonomously in the workplace, whether as individuals, as part of a larger team, or as the leader of a team.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis</td>
</tr>
<tr>
<td>GEN120</td>
<td>Life Skills</td>
</tr>
<tr>
<td>GEN130</td>
<td>Arabic Concepts</td>
</tr>
<tr>
<td>GEN140</td>
<td>English Composition I</td>
</tr>
<tr>
<td>GEN150</td>
<td>Global Awareness I: Human Geography</td>
</tr>
<tr>
<td>GEN135</td>
<td>Islamic Civilization I</td>
</tr>
<tr>
<td>GEN145</td>
<td>English Composition II</td>
</tr>
<tr>
<td>GEN175</td>
<td>Introduction to Information Technology</td>
</tr>
<tr>
<td>GEN185</td>
<td>Methods of Scientific Research and Development</td>
</tr>
<tr>
<td>GEN195</td>
<td>Living Science: Health and Environment</td>
</tr>
<tr>
<td>GEN220</td>
<td>Fundamentals of Innovation and Entrepreneurship</td>
</tr>
<tr>
<td>GEN255</td>
<td>Emirates Studies</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program required courses</th>
<th>Credit Hours: (81 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EWS240</td>
<td>English Composition III</td>
</tr>
<tr>
<td>ENV240</td>
<td>Principles of Environmental Sustainability</td>
</tr>
<tr>
<td>MTH214</td>
<td>Mathematics for Science</td>
</tr>
<tr>
<td>BIO201</td>
<td>Biological Concepts I</td>
</tr>
<tr>
<td>CHE201</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>PHY201</td>
<td>General Physics I</td>
</tr>
<tr>
<td>MTH281</td>
<td>Probability and Statistics I</td>
</tr>
<tr>
<td>BIO202</td>
<td>Biological Concepts II</td>
</tr>
<tr>
<td>CHE202</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>PHY202</td>
<td>General Physics II</td>
</tr>
<tr>
<td>ENV241</td>
<td>Earth Systems</td>
</tr>
<tr>
<td>CHE365</td>
<td>Fundamentals of Organic Chemistry</td>
</tr>
<tr>
<td>BIO372</td>
<td>Microbiology</td>
</tr>
<tr>
<td>BIO351</td>
<td>Ecology and Conservation Biology</td>
</tr>
<tr>
<td>ENV360</td>
<td>Environmental Policy and Economics</td>
</tr>
<tr>
<td>PHN466</td>
<td>Research Methods</td>
</tr>
<tr>
<td>ENV470</td>
<td>Water and Solid Waste Management</td>
</tr>
</tbody>
</table>
Bachelor of Science in Public Health and Nutrition

Public Health and Nutrition The focus of this degree is the health status of individuals and communities and the wide variety of policies and activities that are designed to create awareness of health issues, prevent illness, and improve health status. Poor health and disease are major concerns in the U.A.E and the number of U.A.E residents suffering from chronic diseases is expected to continue to rise. As a result, there is a need for public health and nutrition specialists who can deal with the rising incidence of noncommunicable diseases in the U.A.E. Knowledge and skills are developed that enable graduates to work effectively with decision-makers, professionals, and others in the community to analyze public health and nutrition issues in different settings and create and manage programs to enhance health and well-being.

In addition to a solid basis in science, students will learn essential practical skills to allow them to take up employment in the diverse areas of the health sector with specific emphasis on public health and nutrition. These will include the study of the role of nutrition in disease prevention, clinical nutrition and therapeutic diets, food safety, community health and nutrition and nutrition and health counseling, as well as health education and health promotion. Career opportunities exist in a wide range of settings that include local hospitals, government ministries, clinics, schools, and private sector organizations. For students who wish to pursue a clinical career in hospitals, the incorporation of a clinical internship, lasting 6-12 months, is necessary after completion of the degree.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Critical Thinking and Problem-Solving Skills: Upon successful completion of the program, the student will critically evaluate evidence and contextual factors obtained from reliable sources to produce well-reasoned decisions and interventions in public health and nutrition.

2. Knowledge and Practice: Upon successful completion of the program, the student will demonstrate a substantive understanding of major concepts and practices in nutrition and public health, and will evaluate how these concepts and practices can be applied appropriately at a local and global level.

3. Communication: Upon successful completion of the program, the student will demonstrate highly developed visual, oral and written communication skills in order to convey complex public health and nutrition information and practices to a variety of audiences.

4. Research: Upon successful completion of the program, the student will demonstrate a comprehensive understanding of the methods and approaches used in public health and nutrition to collect and analyze data, and will apply knowledge and skills effectively to conduct research.

5. Professional Engagement: Upon successful completion of the program, the student will demonstrate high standards of professional integrity and ethics, will recognize the need for further learning, and will engage respectfully with people of diverse cultures, abilities, and backgrounds.

6. Leadership, Autonomy, and Teamwork: Upon successful completion of the program,
the student will exhibit effective leadership and management skills and sensibilities required to work efficiently, independently and in teams.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110 Data Management and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GEN120 Life Skills</td>
<td>3</td>
</tr>
<tr>
<td>GEN130 Arabic Concepts</td>
<td>3</td>
</tr>
<tr>
<td>GEN140 English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>GEN150 Global Awareness I: Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEN135 Islamic Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>GEN145 English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>GEN175 Introduction to Information Technology</td>
<td>3</td>
</tr>
<tr>
<td>GEN185 Methods of Scientific Research and Development</td>
<td>3</td>
</tr>
<tr>
<td>GEN195 Living Science: Health and Environment</td>
<td>3</td>
</tr>
<tr>
<td>GEN220 Fundamentals of Innovation and Entrepreneurship</td>
<td>3</td>
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<tr>
<td>GEN255 Emirates Studies</td>
<td>3</td>
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<thead>
<tr>
<th>Program required courses</th>
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<tbody>
<tr>
<td>EWS240 English Composition III</td>
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</tr>
<tr>
<td>NUT205 Principles of Nutrition I</td>
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</tr>
<tr>
<td>PBH267 Public Health I</td>
<td>3</td>
</tr>
<tr>
<td>BIO201 Biological Concepts I</td>
<td>4</td>
</tr>
<tr>
<td>CHE201 General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>PBH367 Public Health II</td>
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</tr>
<tr>
<td>NUT210 Principles of Nutrition II</td>
<td>3</td>
</tr>
<tr>
<td>ARA350 Advanced Arabic language Skills in Health sciences</td>
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</tr>
<tr>
<td>CHE202 General Chemistry II</td>
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</tr>
<tr>
<td>NUT307 Nutrition Across the Lifespan</td>
<td>3</td>
</tr>
<tr>
<td>NUT328 Diet Planning and Assessment</td>
<td>3</td>
</tr>
<tr>
<td>PBH366 Introduction to Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>MTH281 Probability and Statistics I</td>
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</tr>
<tr>
<td>BIO321 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIO372 Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>CHE365 Fundamentals of Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>PHN316 Community Health and Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>NUT412 Medical Nutrition Therapy I</td>
<td>3</td>
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<tr>
<td>PHN466 Research Methods</td>
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<tr>
<td>CHE331 Biochemistry</td>
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</table>

**Bachelor of Science in Psychology and Human Services**  
*(joint program with College of Education)*

The College of Education and College of Natural and Health Sciences jointly offer the B.S. in Psychology and Human Services. This degree develops the skills necessary for entry-level human service jobs needed by various sectors in the United Arab Emirates. This degree also provides the foundations necessary for graduate work in psychology, counseling, or a related field. The degree program has been developed in such a way that it makes available a rigorous joint curriculum that prepares the students to enter the workforce or proceed to graduate school. This degree program includes practical experiences related to courses that support development of skills in case study, resource access, assessment, use of intervention strategies, and service learning.

**Program Learning Outcomes**

Upon successful completion of this program, students will be able to:

1. **Theoretical & Conceptual Knowledge:** Upon successful completion of the program, the student will demonstrate a comprehensive understanding of the major terms, concepts, and theories in psychology and its cognate disciplines.

2. **Critical & Analytical Thinking:** Upon successful completion of the program, the student will effectively use psychological concepts and theories to assess information, generate questions, and analyze critical perspectives relevant to psychology at the theoretical and applied level.

3. **Research Capacity:** Upon successful completion of the program, the student will independently evaluate quantitative and qualitative research in psychology and will design, plan, and produce solid empirical research studies.
4. Communication Skills: Upon successful completion of the program, the student will accurately express information and ideas on a range of complex topics related to psychology in written and oral forms and will interact sensitively with people of diverse abilities, cultures and backgrounds.

5. Contextual Application of Knowledge: Upon successful completion of the program, the student will understand how social and individual differences affect the applicability and generalizability of psychological theories and concepts and will use knowledge effectively to understand human behavior in various cultural contexts.

6. Knowledge & Practice of Ethics: Upon successful completion of the program, the student will exhibit clear understanding of the major principles that govern professional ethics in psychology and will identify and evaluate dimensions of ethical dilemmas in professional and interpersonal settings.

7. Professional Development: Upon successful completion of the program, the student will demonstrate professional behavior when engaging with others, will work responsibly in groups and individually, and will pursue and respond appropriately to feedback to improve performance.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110 Data Management and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>GEN120 Life Skills</td>
<td>3</td>
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<td>GEN140 English Composition I</td>
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<tr>
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<td>GEN185 Methods of Scientific Research and Development</td>
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<td>GEN195 Living Science: Health and Environment</td>
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<tr>
<td>GEN220 Fundamentals of Innovation and Entrepreneurship</td>
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<td>GEN255 Emirates Studies</td>
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<tr>
<th>Program Required courses</th>
<th>Credit Hours: (78 Required)</th>
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<tbody>
<tr>
<td>EWS240 English Composition III</td>
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</tr>
<tr>
<td>PSY212 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>ECE207 Early and Middle Childhood Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY310 Introduction to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>SPE324 People with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>PSY330 Personality and Individual Differences</td>
<td>3</td>
</tr>
<tr>
<td>EDP307 Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY363 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY340 Mental Health and Psychological Disorders</td>
<td>3</td>
</tr>
<tr>
<td>APL354 Language and Culture</td>
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<tr>
<td>PSY375 Health Psychology</td>
<td>3</td>
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<tr>
<td>ARA355 Advanced Arabic language Skills in Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDC366 Introduction to Research in Social Work and Human Services</td>
<td>3</td>
</tr>
<tr>
<td>PSY321 Biological Basis for Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SWK367 or Interventions with Children</td>
<td>3</td>
</tr>
<tr>
<td>SWK407 Adulthood and Aging</td>
<td>3</td>
</tr>
<tr>
<td>PSY325 Cognitive Psychology</td>
<td>3</td>
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<tr>
<td>PSY410 Individual and Family Assessment</td>
<td>3</td>
</tr>
<tr>
<td>PSY466 Research Methods II</td>
<td>3</td>
</tr>
<tr>
<td>PSY371 or Organizational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SWK466 Marriage and the Family</td>
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<tr>
<td>PSY413 Psychological Interventions</td>
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<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>------------</td>
<td>------------------------------------------------------------------------------</td>
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<tr>
<td>SWK431</td>
<td>Partnerships with families and Communities</td>
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<tr>
<td>SWK492 or</td>
<td>Internship</td>
</tr>
<tr>
<td>PSY490</td>
<td>Internship in Psychology and Human Services</td>
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<tr>
<td>EDC499 or</td>
<td>Capstone Seminar</td>
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<tr>
<td>PSY491</td>
<td>Senior Project in Psychology and Human Services</td>
</tr>
<tr>
<td>PSY451</td>
<td>Seminar in Applied Psychology and Human Services</td>
</tr>
<tr>
<td>SWK432</td>
<td>Professional, Ethical, and Legal Issues</td>
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**Program Electives**

<table>
<thead>
<tr>
<th>Program Elective List</th>
<th>Credit Hours: (6 Required)</th>
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<tbody>
<tr>
<td>Two Electives</td>
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**Total: 120**

**Required courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours: (18 Required)</th>
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<tbody>
<tr>
<td>NUT205</td>
<td>Principles of Nutrition I</td>
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<td>PBH267</td>
<td>Public Health I</td>
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<tr>
<td>MTH281</td>
<td>Probability and Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>PBH366</td>
<td>Introduction to Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>PBH367</td>
<td>Public Health II</td>
<td>3</td>
</tr>
<tr>
<td>PHN450</td>
<td>Planning and Evaluation in Health Promotion and Health Education</td>
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</tbody>
</table>

**Total: 18**

**Minor in Public Health**

The College of Natural and Health Sciences offers a minor in Public Health. Public health is the science of protecting and improving the health of families and communities through the promotion of healthy lifestyles, research for disease and injury prevention, and detection and control of infectious and non-communicable diseases. A minor in Public Health provides students with the fundamental knowledge of principles, applications, and skills needed to develop a firm appreciation of health and disease prevention at the population level, and to use this knowledge to transform the experience of their area of study education into innovative approaches for solving problems related to public health. Public health and nutrition is impacting the national key performance indicators as stated in the U.A.E. vision 2021 document. Successful public health practice requires an interdisciplinary approach involving different stakeholders such as ministries, businesses, healthcare providers, public relations, media and communication among others.
Minor in Applied Psychology

The College Natural and Health Sciences offers a minor in Applied Psychology. The minor gives students the opportunity to gain the knowledge, values, and skills that will enable them to acquire a greater degree of insight into the complex factors that affect their own behavior and that of others around them. Students in the minor thus become more knowledgeable about similarities and tolerant of differences between human beings. Moreover, a minor in Applied Psychology allows students to understand more about leadership and management within organizations and helps them to gain a better perspective in how organizations function. Taking a minor in Applied Psychology enables students to understand and appreciate how their own behavior and that of others are shaped by biological, social, environmental, and psychological factors; to understand and display empathic counseling techniques; to utilize appropriate interventions for presenting concerns while taking into account individual and environmental factors; and to understand the complexity of people within systems such as families, organizations, and groups. Those outcomes in critical thinking and personal development align with those outlined by the University. A minor in Applied Psychology requires PSY 212 to be taken along with a choice of three courses listed under the 300 level selection, and two courses listed under the 400 level selection below.

### Required courses (prerequisites to all other courses)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSY212</td>
<td>Introduction to Psychology</td>
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### Choice of 3, 300-level courses

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY363</td>
<td>Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY310</td>
<td>Introduction to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PSY375</td>
<td>Health Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY330</td>
<td>Personality and Individual Differences</td>
<td>3</td>
</tr>
<tr>
<td>PSY325</td>
<td>Cognitive Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY321</td>
<td>Biological Basis for Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSY340</td>
<td>Mental Health and Psychological Disorders</td>
<td>3</td>
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<tr>
<td>PSY371</td>
<td>Organizational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SWK367</td>
<td>Interventions with Children</td>
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</table>

### Choice of 2, 400-level courses

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<tr>
<th>Course</th>
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<td>PSY410</td>
<td>Individual and Family Assessment</td>
<td>3</td>
</tr>
<tr>
<td>SWK432</td>
<td>Professional, Ethical, and Legal Issues</td>
<td>3</td>
</tr>
<tr>
<td>SWK466</td>
<td>Marriage and the Family</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total: 18**
College of Technological Innovation

Degrees

Bachelor of Science in Information Technology

Concentrations in:
- Security and Network Technologies
- Web and Mobile Application Development

Bachelor of Science in Information Systems and Technology Management

Concentrations (joint program with College of Business)
- Enterprise Systems
- Management of Information systems
- Business Intelligence

Master of Science in Information Technology

Concentration in Cyber Security

Graduate Certificates

Graduate Certificate in High Technology Crime Investigation (on hold)

Graduate Certificate in Information Security (on hold)

Mission

The College of Technological Innovation (CTI) seeks to produce graduates recognized by business, government, and educational entities in the United Arab Emirates, the Gulf region, and the rest of the world as having a sound, current, and comprehensive education in information technology systems. It also seeks to develop a strong applied research capacity in emerging technologies directed toward meeting the IT needs of the Gulf region.

The two-fold mission of the college can be realized through the following goals:

Goal 1: Produce graduates who have
- the ability to adapt to rapid change;
- the capacity for self-directed learning;
- good communication skills for an IT professional in both English and Arabic;
- a strong work ethic and experience working as an IT professional;
- an understanding of best business practices;
- sound IT skills based on hands-on experience with communication networks, databases, programming concepts and project management; and,
- the capacity to identify, implement, and integrate new applications into existing human/computer systems.

Goal 2: Develop a strong base of research capacity to meet UAE national needs in IT by
- providing incentives for research active faculty in the form of course release time and travel funding;
- involving undergraduate students in faculty research projects;
- developing a graduate education program that includes a research component; and,
- actively seeking funding from the university, industry and government agencies at all levels for research projects targeted to regional needs.

Bachelor of Science in Information Technology

The academic program of the College of Technological Innovation is practical, competency-based, and designed to prepare students for significant positions in the field of information technology.

Concentrations in:
- Security & Network Technologies: This concentration prepares students to protect and secure information systems from threats and attacks. Students also learn to apply IT in the design and development of secure computer networks and telecommunications.
- Web and Mobile Application Development: This concentration prepares students to develop web and mobile applications. Students learn to apply software engineering concepts to the design and development of user-focused, interactive games and applications.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Critical Thinking and Quantitative Reasoning in IT (ITCTQR): Program graduates will be able to use critical thinking and quantitative processes to identify, analyze and solve problems, and evaluate solutions in an IT context.

2. Information Technology Application (ITA): Program graduates will be able to select existing and cutting-edge IT tools and...
procedures to develop modules and systems which fulfill organizational requirements for operation in a global environment.

3. Information Technology Management (ITM): Program graduates will be able to assess and determine information resource requirements for current problems in order to develop solutions suitable for IT and business managers operating in a multi-national and multi-cultural environment.

4. Information Technology Professional Practice (ITPP): Program graduates understand how groups interact, be able to assume a leadership role when required, and understand the fundamentals of professional and ethical conduct.

5. IT Systems Theory and Practice (ITSTP): Program graduates will be able to understand and communicate the fundamentals of systems theory in the development of appropriate systems that function in a global environment.

6. Technical Communication (ITTC): Program graduates will be able to express themselves effectively and efficiently in both English and Arabic while using the correct IT terms for each language.

<table>
<thead>
<tr>
<th>General Education</th>
<th>Credit Hours: (36 Required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEN110</td>
<td>Data Management and Analysis</td>
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<tr>
<td>GEN120</td>
<td>Life Skills</td>
</tr>
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<td>GEN130</td>
<td>Arabic Concepts</td>
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<td>GEN140</td>
<td>English Composition I</td>
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<td>GEN150</td>
<td>Global Awareness I: Human Geography</td>
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<tr>
<td>GEN135</td>
<td>Islamic Civilization I</td>
</tr>
<tr>
<td>GEN145</td>
<td>English Composition II</td>
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<tr>
<td>GEN175</td>
<td>Introduction to Information Technology</td>
</tr>
<tr>
<td>GEN185</td>
<td>Methods of Scientific Research and Development</td>
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<tr>
<td>GEN195</td>
<td>Living Science: Health and Environment</td>
</tr>
<tr>
<td>GEN220</td>
<td>Fundamentals of Innovation and Entrepreneurship</td>
</tr>
<tr>
<td>GEN255</td>
<td>Emirates Studies</td>
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<table>
<thead>
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<th>Program required courses</th>
<th>Credit Hours: (63 Required)</th>
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<tbody>
<tr>
<td>EWS240</td>
<td>English Composition III</td>
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<tr>
<td>NET256</td>
<td>Computer Network Foundations</td>
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<td>NET257</td>
<td>Computer Network Foundations Lab</td>
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<tr>
<td>MTH215</td>
<td>Computing Foundations</td>
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<tr>
<td>SEC235</td>
<td>Information Security Foundations</td>
</tr>
<tr>
<td>CIT210</td>
<td>Introduction to IT and Systems</td>
</tr>
<tr>
<td>SWE225</td>
<td>Introduction to Programming and Problem Solving</td>
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<tr>
<td>SWE245</td>
<td>Web Development</td>
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<td>MTH281</td>
<td>Probability and Statistics I</td>
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<tr>
<td>CIT300</td>
<td>Technical Communication</td>
</tr>
<tr>
<td>CIT305</td>
<td>IT in Global and Local Cultures</td>
</tr>
<tr>
<td>CIT315</td>
<td>Operating Systems Administration</td>
</tr>
<tr>
<td>SWE320</td>
<td>Programming &amp; Problem Solving</td>
</tr>
<tr>
<td>SWE321</td>
<td>Programming &amp; Problem Solving Lab</td>
</tr>
<tr>
<td>ARA320</td>
<td>Advanced Arabic language Skills in Technological Innovation</td>
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<tr>
<td>CIT365</td>
<td>Database Systems</td>
</tr>
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<td>INS377</td>
<td>IT Project Management</td>
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<tr>
<td>CIT460</td>
<td>Systems Analysis &amp; Design</td>
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<tr>
<td>CIT461</td>
<td>Systems Analysis and Design Lab</td>
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<td>CIT466</td>
<td>Data Analytics</td>
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<td>CIT480</td>
<td>IT Entrepreneurship</td>
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<td>CIT499</td>
<td>Senior Project</td>
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<td>CIT490</td>
<td>Internship</td>
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<table>
<thead>
<tr>
<th>Concentration in Security and Network Technologies</th>
<th>Credit Hours: (21 Required)</th>
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<tbody>
<tr>
<td>NET31</td>
<td>Computer Network Technologies</td>
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<td>NET352</td>
<td>Computer Network Technologies Lab</td>
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<tr>
<td>SEC330</td>
<td>Ethical Hacking and Countermeasures</td>
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<tr>
<td>SEC331</td>
<td>Ethical Hacking and Countermeasures Lab</td>
</tr>
<tr>
<td>SEC335</td>
<td>Information Security Technologies</td>
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<tr>
<td>SEC336</td>
<td>Information Security Technologies Lab</td>
</tr>
<tr>
<td>SEC435</td>
<td>Digital Forensics Foundations</td>
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<tr>
<td>NET455</td>
<td>Wireless Sensor Networks</td>
</tr>
<tr>
<td>SEC430</td>
<td>Information Security Management</td>
</tr>
</tbody>
</table>
Concentration in Web and Mobile Application Development | Credit Hours: (21 Required)
---|---
IMT340 Computer Graphics | 3
SWE346 Dynamic Web Development | 3
SWE371 Mobile Computing | 3
IMT375 Human Computer Interaction | 3
IMT376 Game Development | 3
CIT470 Applied Database Systems | 3
CIT372 Cloud Computing | 3
Total: 120

Bachelor of Science in Information Systems and Technology Management (joint program with College of Business)

Information Systems and Technology Management (Joint with College of Business) The Colleges of Business and Technological Innovation jointly offer the B.S. degree in Information Systems and Technology Management. The emphasis is on the knowledge and skills needed to manage and apply IT to the computing requirements of enterprises. The program consists of courses in Business and courses in Information Technology. The Information Systems and Technology Management program prepares students for positions such as system developers and business IT consultants. The United Arab Emirates has a strong need for professionals in these fields in both the government and private sector.

Concentrations in:
Management of Information Systems: This concentration prepares students for management roles associated with IT within organisations. Students learn how systems of technology, people and processes can be designed and managed to provide strategic benefits.

Business Intelligence: This concentration prepares students to analyse and leverage data to gain insights and inform decision making. Students also learn how to discover hidden knowledge and patterns of behavior useful for improving business practice and competitiveness.

Enterprise Systems: The concentration prepares students for professional roles involving IT that spans entire enterprises and geographically dispersed organisations. Students learn how business processes can be linked using IT both within and across organisations operating in a global environment.

Program Learning Outcomes
Upon successful completion of this program, students will be able to:

1. Investigative Thinking: to apply critical thinking and disciplined research processes to identify, analyze, document and defend a proposed course of action.

2. Problem Solving: to analyze technical and management system problems, and to critically evaluate and implement appropriate solutions.

3. Management Responsibility: to demonstrate ability to identify and plan solutions in unfamiliar or complex problem situations and to manage small-scale projects and teams.

4. Professional Practice: to work effectively, ethically and responsibly in individual and group situations, assuming leadership roles as required.

5. Global Perspective: to understand and communicate the underlying principles and factors affecting organizational functions and systems in a global environment.

6. Professional Communication: to communicate effectively in English and in Arabic using appropriate professional terms in presentations, writing and speech.

General Education | Credit Hours: (36 Required)
---|---
GEN110 Data Management and Analysis | 3
GEN120 Life Skills | 3
GEN130 Arabic Concepts | 3
GEN140 English Composition I | 3
GEN150 Global Awareness I: Human Geography | 3
GEN135 Islamic Civilization I | 3
GEN145 English Composition II | 3
GEN175 Introduction to Information Technology | 3
GEN185 Methods of Scientific Research and Development | 3
GEN195 Living Science: Health and Environment | 3
GEN220 Fundamentals of Innovation and Entrepreneurship | 3
GEN255 Emirates Studies | 3
<table>
<thead>
<tr>
<th>Program Required Courses</th>
<th>Credit Hours: (63 Required)</th>
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<tbody>
<tr>
<td>EWS240 English Composition III</td>
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<tr>
<td>INS260 Management of Information Systems</td>
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<td>MTH213 Business Statistics</td>
<td>3</td>
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<tr>
<td>MTH215 Computing Foundations</td>
<td>3</td>
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<tr>
<td>SWE225 Introduction to Programming and Problem Solving</td>
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</tr>
<tr>
<td>CIT210 Introduction to IT and Systems</td>
<td>3</td>
</tr>
<tr>
<td>SEC235 Information Security Foundations</td>
<td>3</td>
</tr>
<tr>
<td>OPR300 Operations Management</td>
<td>3</td>
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<tr>
<td>FIN308 Introduction to Finance</td>
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<td>MCT309 Introduction to Management</td>
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<td>HRM301 Human Resource Management</td>
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<td>ACC202 Financial Accounting</td>
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<td>CIT300 Technical Communication</td>
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<td>ARA320 Advanced Arabic language Skills in Technological Innovation</td>
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<td>CIT365 Database Systems</td>
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<td>INS377 IT Project Management</td>
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<tr>
<td>CIT460 Systems Analysis &amp; Design</td>
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<td>CIT480 IT Entrepreneurship</td>
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<td>CIT466 Data Analytics</td>
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<td>CIT499 Senior Project</td>
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<td>CIT490 Internship</td>
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<table>
<thead>
<tr>
<th>Concentration in Management of Information Systems</th>
<th>Credit Hours: (21 Required)</th>
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<tbody>
<tr>
<td>INS410 IT Audit and Control</td>
<td>3</td>
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<tr>
<td>INS361 Enterprise Resource Planning Systems</td>
<td>3</td>
</tr>
<tr>
<td>INS369 Business Process Management</td>
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</tr>
<tr>
<td>CIT372 Cloud Computing</td>
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<td>INS465 Knowledge Management</td>
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<td>SEC430 Information Security Management</td>
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<td>INS468 IT Strategy and Governance</td>
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<table>
<thead>
<tr>
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<tr>
<td>INS361 Enterprise Resource Planning Systems</td>
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<tr>
<td>INS362 IT in Logistics and Supply Chain</td>
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<tr>
<td>INS463 Enterprise Systems Development</td>
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<td>INS369 Business Process Management</td>
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<tr>
<td>IMT375 Human Computer Interaction</td>
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<table>
<thead>
<tr>
<th>Minor in Information Systems</th>
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<tbody>
<tr>
<td>The minor in Information Systems allows Zayed University graduates to better understand where and how to apply and use information technology in the organizations related to their chosen field.</td>
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<table>
<thead>
<tr>
<th>Concentration in Business Intelligence</th>
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<tr>
<td>SWE320 Programming &amp; Problem Solving</td>
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<td>SWE321 Programming &amp; Problem Solving Lab</td>
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<td>MKT310 Introduction to Marketing</td>
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<tr>
<td>CIT461 Systems Analysis and Design Lab</td>
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<td>INS467 Data Warehousing</td>
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<td>INS476 Data Science</td>
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<td>INS477 Data Science Lab</td>
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<td>CIT470 Applied Database Systems</td>
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<td>MKT433 Digital Marketing and Commerce</td>
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| Total: 120 |

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<th>Required courses</th>
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<td>CIT365 Database Systems</td>
<td>3</td>
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<tr>
<td>INS377 IT Project Management</td>
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<tr>
<td>INS378 Geographical Information Systems</td>
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<tr>
<td>CIT460 Systems Analysis &amp; Design</td>
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<tr>
<td>CIT470 Applied Database Systems</td>
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| Total: 18 |
Minor in Interactive Social Computing

The minor in Interactive Social Computing allows Zayed University graduates to better understand the rapidly developing (and popular) use of information technology in their personal computing lives.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Credit Hours: (18 Required)</th>
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<td>SWE245 Web Development</td>
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</tr>
<tr>
<td>AVA340 Photography I</td>
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<tr>
<td>IMT345 Multimedia Systems</td>
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<tr>
<td>IMT375 Human Computer Interaction</td>
<td>3</td>
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<tr>
<td>SWE371 or IMT376 Mobile Computing</td>
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<tr>
<td>SWE346 Dynamic Web Development</td>
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</table>

Total: 18

Master of Science in Information Technology

The Master of Science (M.S.) in Information Technology program includes advanced work in information technology with a concentration in cyber security. The focus of the program is on the development of concepts, knowledge, and skills that will enable graduates to become experts in the area of information security, internet crime prevention, and digital crime investigation. The goal of this program is to develop highly qualified technical experts to meet the demands of the national, regional, and international workplace for information and network security.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Technology Fundamentals
2. IT Investigation and Analysis
3. IT Applications
4. IT Management
5. IT Professional Practice
6. IT Systems Theory and Practice.

Course Delivery Format

The program is delivered in English over a period of 24 months at Zayed University in Abu Dhabi and/or Dubai. The in-class room instruction for each course is conducted face-to-face during two evenings on either Sunday and Tuesday, or Monday and Wednesday from over a period of five weeks.

Admission Requirements

Admission is open to males and females of all nationalities. Applicants must have earned a four-year baccalaureate degree with a GPA of 3.0 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced master’s degree program. Applicants with a baccalaureate degree in a non-technical field will be required to complete a bridge program prior to gaining entry into the master’s degree certificate program. Preference will be given to applicants currently working in the IT or related fields.

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<th>Program Required Courses</th>
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<td>SEC501 Research Methods</td>
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<td>SEC505 Information Security</td>
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<td>SEC508 Linux Security</td>
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<td>SEC530 Cyber Forensics</td>
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<td>SEC510 Information Security Policy, Ethics and Law</td>
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<tr>
<td>SEC535 Advanced Cyber Forensics</td>
<td>3</td>
</tr>
<tr>
<td>SEC515 Network and Internet Security</td>
<td>3</td>
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<tr>
<td>SEC538 Small Scale Digital Device Forensics</td>
<td>3</td>
</tr>
<tr>
<td>SEC540 Database and Enterprise Application Security</td>
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<tr>
<td>SEC520 Information Security Management</td>
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<tr>
<td>SEC545 Penetration Testing and Advanced Hacking Techniques</td>
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Total: 36

Program Elective

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<tr>
<td>SEC599 Independent Research</td>
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<tr>
<td>SEC570 Advanced Network Security</td>
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<tr>
<td>SEC575 Cyber Criminal Behavior</td>
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<tr>
<td>SEC579 Risk Assessment and Vulnerability Analysis</td>
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<tr>
<td>SEC595 Independent Study</td>
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<tr>
<td>SEC596 Cyber Security Project</td>
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<tr>
<td>SEC597 Special Topics in Cyber Security</td>
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</table>

Total: 36

College of Technological Innovation
# ZU Electives List for students from other colleges

<table>
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<tr>
<th>CRS #</th>
<th>Title</th>
<th>Credit Hrs</th>
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<tr>
<td>ART201</td>
<td>Principles of Design</td>
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<td>ART205</td>
<td>Art Foundations</td>
<td>3</td>
<td>CA</td>
</tr>
<tr>
<td>ART220</td>
<td>Introduction to Art History</td>
<td>3</td>
<td>CA</td>
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<tr>
<td>ART221</td>
<td>Research Methods for Artists and Designers</td>
<td>3</td>
<td>CA</td>
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<tr>
<td>ART251</td>
<td>Basic Design</td>
<td>3</td>
<td>CA</td>
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<tr>
<td>AVA310</td>
<td>Drawing I</td>
<td>3</td>
<td>CA</td>
</tr>
<tr>
<td>AVA312</td>
<td>Painting I</td>
<td>3</td>
<td>CA</td>
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<tr>
<td>AVA340</td>
<td>Photography I</td>
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<td>AVA360</td>
<td>Printmaking I</td>
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<tr>
<td>LAW200</td>
<td>Business Law &amp; Ethics</td>
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<td>CB</td>
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<tr>
<td>MGT309</td>
<td>Introduction to Management</td>
<td>3</td>
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<td>MKT310</td>
<td>Introduction to Marketing</td>
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<tr>
<td>COM200</td>
<td>Communication, Media and Society</td>
<td>3</td>
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<td>COM230</td>
<td>Professional and Public Speaking</td>
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<td>COM240</td>
<td>Media Law and Ethics</td>
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<td>ISC383</td>
<td>Introduction to Social Media</td>
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<td>TCC375</td>
<td>Planning and Promotion for Events and Festivals</td>
<td>3</td>
<td>CM</td>
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<td>ECE207</td>
<td>Early and Middle Childhood Development</td>
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<td>EDP202</td>
<td>Human Development</td>
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<td>EDP307</td>
<td>Adolescent Development</td>
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<td>ED</td>
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<td>ANT261</td>
<td>Introduction to Culture and Society</td>
<td>3</td>
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<td>ANT362</td>
<td>Popular Cultures</td>
<td>3</td>
<td>HS</td>
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<td>ANT385</td>
<td>Bedouin Society</td>
<td>3</td>
<td>HS</td>
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<tr>
<td>ARA211</td>
<td>Masterpieces of Arabic Literature</td>
<td>3</td>
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<td>ARA222</td>
<td>Muslim Travelogue Literature</td>
<td>3</td>
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<tr>
<td>ARA235</td>
<td>Principles of Translation</td>
<td>3</td>
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<td>ARA335</td>
<td>Teaching Arabic Literacy</td>
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<td>ARA375</td>
<td>Public Speaking and Professional Presentation in Arabic</td>
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<td>ARA395</td>
<td>Media Translation Workshop</td>
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<td>World Cinemas</td>
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<td>ISL209</td>
<td>Contemporary Islamic World</td>
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<td>ISL210</td>
<td>Islamic Political Thought</td>
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<td>HIS201</td>
<td>History of the United Arab Emirates</td>
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<td>History of the Modern Middle East</td>
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<td>History of the Twentieth Century</td>
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<td>HIS251</td>
<td>World History</td>
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<td>HIS381</td>
<td>Legacy of Sheikh Zayed bin Sultan al Nahayan</td>
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<tr>
<td>HSS353</td>
<td>Politics of Identity</td>
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</table>
Zayed University fosters research, scholarship, and creative activity that address the interests, needs, and concerns of the United Arab Emirates, the Gulf region, and the world. The University seeks to recruit faculty members who possess demonstrated research capabilities and can contribute to its research agenda. The University faculty uses their diverse international research experiences and engages with contemporary issues of the United Arab Emirates as the nation undergoes significant economic, social, and cultural change. The faculty also contributes broadly to international scholarship in other significant areas.

The Office of Research continually seeks to support internal and external research grants and research fellowship programs that develop national research capacity. The Office of Research also enables and fosters international collaborations.

It is worth mentioning that the Office of Research offers a wide range of internal grants:

- A Start-Up Grant is offered to new faculty.
- The Research Incentive Fund provides funds to faculty members whose proposals will have passed an international peer review process.
- The Provost’s Research Fellowships provide special support to faculty by allowing a full semester off in order to finish existing research.
- Research Clusters aim to develop and showcase the existing expertise within the university, ultimately leading to stand alone research centers of excellence, possibly in collaboration with the private and government sectors.

All grants are awarded on a competitive basis.

The Institute for Economic and Social Research (ISER) conducts research projects on a wide range of economic and social issues relevant to the United Arab Emirates and the Gulf. Recently, ISER - in collaboration with the Office of Research - launched a grant program, called “Policy Research Incentive Plan”. This initiative promotes research projects directly tied to government priorities.

Finally, the Office of Research also helps build research capacity within the UAE citizen community through various initiatives. Both
undergraduate and graduate students are actively encouraged to become involved in research and individual study projects.

The Undergraduate Research Scholars Program fosters ZU undergraduates who will conduct faculty-mentored research in their field of study. Undergraduates also have the opportunity to work closely with faculty’s ongoing research projects as part time research assistants. Undergraduate research publications are supported through funding travel in order to do international presentations on the outcome of the research. The office of research allocates a budget for each College to hold a research conference for its students.

Graduate students at ZU have the opportunity to conduct research projects with experienced faculty members, in roles ranging from paid Research Assistant to full Co-Investigator. This opportunity enables them to become practically involved in the research process.

Course Descriptions

This section of the catalog provides descriptions for Academic Bridge and developmental courses, baccalaureate courses, and graduate courses offered by Zayed University. Each listing includes the course prefix, the course number, the course title, the number of semester credit hours for the course, and a brief description of the course. Pre-requisites, if any, are shown at the end of the course description.

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</table>
Outreach and Engagement

Zayed University Institute for Community Engagement (I.C.E)

The mission of the Institute for Community Engagement (I.C.E.) is to support the economic and social development of the U.A.E. by making available the academic and research resources of Zayed University and engaging ZU students in voluntary work that develops their sense of responsibility toward their communities. To achieve this mission, I.C.E. offers:

Corporate Training and Consultancy Programs by developing a variety of standardized and customized training programs for individuals, businesses, and organizations;

Continuing Education by assisting faculty throughout the University to design and deliver programs in various fields for audiences beyond campus boundaries;

Business Solutions by working with clients to find the best solutions for their needs; and

Research, originated in I.C.E., by conducting studies independently or in collaboration with content-area experts within the University.

I.C.E. operates within the domain of Zayed University and serves as a vital link to the U.A.E. community.

I.C.E clients outside the UAE include:

- KFUPM
- Aramco
- Sabic
- Alhamrani Group of Companies
- Al Khabeer Capital
- King A. Aziz Medical City

Further information about all outreach and engagement at Zayed University can be found on the website: www.zu.ac.ae/ICE

I.C.E clients in the UAE include:

- Abu Dhabi Department of Civil Service
- Abu Dhabi Municipality
- Abu Dhabi Police General H.Q.
- Abu Dhabi Education Council
- Abu Dhabi Family Development Foundation
- ADNOC Group of Companies
- ADWEA
- Al-Fahim Holdings
- Amiri Flight
- DP World
- Dubai e-Government
- Dubai Municipality
- Emirates NBD Bank
- Mashreq Bank
- Ministry of Education
- Ministry of Finance
- Ministry of Presidential Affairs
- Ministry of Public Works
- U.A.E. Air Force
- U.A.E. Central Bank
- Fujairah Chamber of Commerce
- ENOC
**Academic Bridge and Developmental Courses**

**ENG20** English for Academic Purpose 2  
0 Credit  
This course is an integrated language skills class that provides students with a range of language learning experiences organized around familiar topics and content. Students learn to write basic paragraphs, read texts of approximately 200 words, understand aural texts of approximately 4 minutes, and conduct short conversations and presentations on familiar topics. They study the first 1000 most frequent words in English and grammar structures to support communication. Students are able to develop independent learning skills through Integrated Studies Project as well as developing 21st Century technological skills.

**ENG030** English for Academic Purposes 3  
0 Credit  
This course integrates the language skills that provide students with a range of language learning experiences organized around cultural and academic topics and content. Students learn to write basic essays of 3-4 paragraphs, read texts of approximately 400 words, understand aural texts of approximately 6 minutes, and participate in short group discussions and presentations on course-related topics. They study the first 1500 most frequent words in English and grammar structures to support effective communication. Students are able to develop independent learning skills through an Integrated Studies Project as well as developing 21st Century technological skills.

**ENG40** English for Academic Purposes 4  
0 Credit  
This course is an integrated language skills class that provides students with a range of language learning experiences organized around themes. Grammar, vocabulary and information literacy, are taught through activities and students work to achieve the learning objectives through output tasks. Students study the first 2000 most frequent words in English and grammar to support effective academic skills which will enable students to enter the University College.

**Baccalaureate Courses**

**AAD375** 3D Modeling  
3 Credits  
This is an introductory class where students learn basic techniques of modeling, texture mapping, lighting, composition and rendering. Attention is paid to concepts and techniques that aid the student in creation of single geometric objects as well as more complex interior and exterior design scenes that will be rendered to produce non-photorealistic images.  
*Pre-requisite: ART251 or CIT210;*

**AAD376** Animation I  
3 Credits  
This course introduces students to the fundamental concepts and properties of time based graphics and motion on screen. By making different types of animation, students will experience both straight ahead animation and key-framed animation. Students will practice basic skills in both traditional and digital technologies for the production of moving images.  
*Pre-requisite: ART251 or CIT210;*

**AAD377** Animation II  
3 Credits  
In this course, students will develop skills involved in creating an animated sequence that include concept development, planning, pre-production, key-frame animation and post-production. The traditional twelve principles of animation guide students in creating interesting on-screen movement, with a focus on the animation principles of timing and spacing.  
*Pre-requisite: AAD376; AAD375;*

**AAD378** Character Modeling  
3 Credits  
This course is built upon the concepts learned in the 3D modeling course. Students will learn various organic character modeling techniques. After completing the course students are able to design, model, texture map, rig and skin a character.  
*Pre-requisite: AAD375;*

**AAD475** Game Design  
3 Credits  
This course introduces the basics of game design and development. This course explores the methods of modeling, texture mapping and animating objects for games. Students will use 3D programs to create game assets and a fully functional interactive game in a game engine.  
*Pre-requisite: AAD375;*

**AAD476** Animation III  
3 Credits  
In this course, students will further their knowledge and practice of animation, learning techniques for live action integration, advanced animation techniques and visual effects.  
*Pre-requisite: AAD377;*

**AAH322** History Islamic Art and Architecture  
3 Credits  
This class provides an overview of the main characteristics of Islamic art and architecture. It looks at what influenced the earliest forms of Islamic art and architecture, and examines how these forms have changed from place to place, and from time to time throughout history.

**AAH324** Contemporary Islamic Art and Architecture  
3 Credits  
This class provides an overview of contemporary Islamic art and architecture. Attention is paid to continuity and change in nineteenth and twentieth century form and function, and the role of the arts in promoting national and religious identity throughout the Islamic world.  
*Pre-requisite: ART223;*

**AAH325** History of Design  
3 Credits  
This course reviews the evolution of design into the contemporary period. It provides students with information about societal issues related to designers. This course encourages students to reflect on and be aware of the design decisions they make.

**AAH326** Representation: Exhibition, Display and Interpretation I  
3 Credits  
This class provides an overview of the history of exhibitions, display and interpretation of objects from 1850 to 1980. Particular attention is paid to the role of 19th- and early 20th-century imperialism in the development of museums designed to house art and ethnographic artifacts the acquisition and display of objects, and the debates around the interpretation of these for public consumption.

**AAH327** Representation: Exhibition, Display and Interpretation II  
3 Credits  
This course discusses the debates surrounding exhibitions, display, and interpretation of art and artifacts from 1980 to the present. Particular attention is paid to relationship of theories of contemporary art and culture to the display and interpretation of objects in museum settings.  
*Pre-requisite: AAH326 or ART223;*

**AAH420** Communities, Curatorial Practices, and Collections  
3 Credits  
This course explores the purpose and functions of museums, with particular emphasis on the roles which globalization and the development of new forms of museums play in how knowledge is created and preserved through collections and research. Topics include the history and organization of museums and collections, curatorship, research, documentation, and care.  
*Pre-requisite: ART220; ART223;*
AAH422 Contemporary Art Theory
3 Credits
This seminar focuses on contemporary sociological theory and the arts in the twentieth century. Students are asked to consider their own artwork within a larger social context.
Pre-requisite: ART223 ;

AAH425 History of Graphic Design
3 Credits
This course reviews the history of Graphic Design to the contemporary era through an examination of professional practices, technical applications, and theoretical issues. Students explore the relationship of new media and processes to the practice of print and digital design.

AAH426 History of Interior Design
3 Credits
This course reviews the history of Interior Design from the Industrial Revolution through the contemporary periods in an exploration of professional practice and the role of interior designers today. This course provides the conceptual and philosophical foundation for the development of each student’s particular design interest.

AAH427 History of Animation
3 Credits
This course reviews the history of the field of Animation. It combines knowledge of historical and theoretical developments, the exploration of contemporary issues, and technical applications for professionals. Students explore the development of animation as a separate discipline within the context of film history and theory as well as the integration of motion in graphic design media.

AAH430 Curatorial Practices
3 Credits
This is an advanced course that introduces students to the historical and contemporary role of the curator and various curatorial practices through lectures, trips, and specific workshops. The course continues and furthers the student's examination of theoretical issues related to artistic practices and prepares students to work in a number of professional fields.

ACC202 Financial Accounting
3 Credits
Introductory unit in accounting. Encompasses three main themes: outlining the components of financial reporting in terms of the underlying theory or “conceptual framework” of accounting; providing students with a structured framework to assist them in attaining the literacy skills demanded in their academic lives and as part of their professional careers; and providing students with technical skills of accounting including the analysis, recording, preparation, and interpretation of accounting information. The course demonstrates and explains appropriate accounting procedures in the preparation and presentation of external financial reports. Students will be introduced to the financial language of the business environment, business information systems that support financial decision making and financial reports adopted as a primary mode of communication in the business environment.
Pre-requisite: GEN110 or MTH281 ;

ACC203 Managerial Accounting
3 Credits
Cover various aspects of cost and managerial accounting, including cost concepts, cost accumulation, cost methods, “just in time” philosophy, decision making, cost volume profit analysis and pricing. This course provides a foundation in quantitative tools that can be used across the entire organization for decision-making. Additionally this course provides an opportunity for students to build on their spreadsheet skills by using spreadsheets to solve business problems, prepare budgets and to do budget reports.
Pre-requisite: ACC202 ;

ACC307 Financial Accounting II
3 Credits
A continuation of financial accounting topics introduced in ACC202 Financial Accounting I. Topics include a review of the accounting cycle and of financial statements, consideration of the time value of money in accounting decisions, a variety of procedural accounting issues related to accounting for plant and equipment, intangible assets, current liabilities, corporation, investments, statement of cash flows and financial statement analysis. Special attention is given to international accounting standards whenever appropriate.
Pre-requisite: ACC202 ;

ACC311 Intermediate Accounting I
3 Credits
A continuation of financial accounting topics introduced in ACC202 Financial Accounting. Topics include a review of the accounting cycle and of financial statements, study of the conceptual framework of accounting, consideration of the time value of money in accounting decisions, and a variety of procedural accounting issues related to accounting for cash, receivables, inventories, plant and equipment, intangible assets, current liabilities, and liabilities. Special attention is given to international accounting standards whenever appropriate.
Pre-requisite: ACC202 ;

ACC312 Intermediate Accounting II
3 Credits
A continuation of Intermediate Accounting I and is part of a two course series that is considered the 'gateway to the profession.' Topics include a variety of procedural accounting issues related to accounting for contributed capital, retained earnings, dilutive securities, earnings per share, investments, revenue recognition rules for long-term construction contracts and installment sales, lease accounting, accounting changes, and full disclosure requirements. Special attention is given to international accounting standards whenever appropriate.
Pre-requisite: ACC311 ;

ACC403 Strategic Managerial Accounting
3 Credits
Cover various aspects of cost and managerial accounting, including cost concepts, cost analysis, decision making, cost volume profit analysis, transfer pricing, advanced budgeting, variance analysis, evaluating managerial performance.
Pre-requisite: ACC203 ;

ACC404 Corporate Taxation
3 Credits
This course introduces the accounting periods and taxation methods for different types of businesses. It explains the tax treatment for various organizations such as corporations, partnerships and international organizations. It also discusses other relevant topics such as tax issues in corporate acquisitions and reorganizations, alternative minimum tax, corporate distribution, and tax impact on foreign-related transactions.
Pre-requisite: ACC311 ;

ACC412 Contemporary Topics in Financial Accounting
3 Credits
This course covers accounting for subsidiaries, both wholly and partially owned, variable interest entities, and business combinations. Students will learn how to consolidate the financial statements of various subsidiaries and entities. Other topics of contemporary interest will be investigated including new accounting and reporting standards.
Pre-requisite: ACC311 ;

ACC413 Accounting Information Systems
3 Credits
This course addresses the role of accounting, accountants, and information technology within organizations. The course focuses on understanding the activities, processes, and information needs of organization stakeholders. Integrated accounting software is also used in the course to enable students to learn how computers are used in today's accounting environment.
Pre-requisite: ACC202 ;

ACC416 Auditing
3 Credits
Examines the theory and practice of modern external and internal auditing. Topics include the profession of auditing, ethical standards in auditing, the legal environment in which auditing takes place, risk analysis in auditing (inherent risk, control risk, detection risk), and the study of techniques used by auditors for gathering and analyzing evidence including statistical sampling techniques. The course also includes a review of the nature and wording of formal audit reports.
Pre-requisite: ACC311 ;
ACC418  Fraud Examination and Forensic Accounting  
3 Credits  
Introduction to specific types of fraud and other forms of occupational misconduct, as well as the forensic accounting skills and knowledge that enable professionals to help prevent, detect, and investigate fraud. This course seeks to develop and integrate students’ knowledge of law, criminal justice and accounting for the purpose of obtaining a more comprehensive view of occupational fraud and misconduct.  
Pre-requisite: ACC416 ;

ACC419  Special Topics in Accounting  
3 Credits  
May cover various aspects of governmental, not-for-profit, and managerial accounting. This class will cover various topics of current interest in accounting.  
Pre-requisite: ACC311 and ACC307 ;

ADR328  Cross Cultural Influences in Design  
3 Credits  
This course provided students with the opportunity to develop professional Arabic lexicon and language styles used by artists and designers. It provides an examination of cross-cultural influences in international art and design fields, and a study of the work of a selection of modern and contemporary Arab designers, and develop the ability to present the nuances of the Arab and other cultures through the use of visual language. The course strengthens students’ acquisition of technical terminology in Arabic.

ADR405  Professional Practice  
3 Credits  
The purpose of this course is to introduce and familiarize students with the professional practices of the art or design discipline related to their program. The process begins with the student identifying their particular goals, gaining an awareness of career path options and understanding the professional expectations within the business environment. Preparation includes developing a portfolio, honing professional writing capabilities and presentation skills, applying good research in the development of proposals, becoming familiar with basic business practices, practicing project and time management skills and preparing for interviews.

ADR421  Material Culture of the United Arab Emirates  
3 Credits  
This class surveys the different chronological phases of material culture in the U.A.E., focusing on the relationship between society, environment and the arts.

ADR492  Senior Research Seminar  
3 Credits  
Through group discussions, critique, research, writing and presentations, the Senior Research Seminar emphasizes an in-depth exploration of a self-designed topic in preparation for the development of a cohesive body of work in the subsequent semester ADR496 Senior Project course, which is the culmination of the students’ skills and knowledge gained in their chosen program. The seminar advisor(s) assists students in structuring their independent work and offers continual feedback. Visiting designers, artists and professionals will provide the students with valuable exposure to outside viewpoints. Students will develop their Senior Project work plan through the formation of a written research proposal and defend their project to both the ZU community and the community at large.  
Pre-requisite: ART221 and ART223 ;

ADR496  Senior Project  
3 Credits  
The Senior Project is an advanced course, which enables the student to show both the depth and breadth of their conceptual and technical abilities to conceive, develop and present an original project in their area of study. Guided by the research and insights accomplished in their prior semester’s Senior Research Seminar course, the student visually translates that understanding and information into final visual form within the professional parameters of the student’s program. The senior project should evidence independence, inventiveness, and a level of maturity, awareness, competence and confidence consistent with an emerging professional artist or designer.  
Pre-requisite: ADR492 ;

ADV100  Advising  
0 Credit  
Students who enter their first term or semester in the baccalaureate program will be enrolled in this course that provides advising support, schedule planning, and advice on transitioning to university. This course is linked to GEN120-Life Skills.

ADV101  Advising  
0 Credit  
Taken during the student’s second baccalaureate semester, this course emphasizes individual learning plan advising, focusing on short term academic planning and improving their performance and engagement inside and outside the classroom. Through the advising relationship, students learn about themselves and learn to be responsible members of the university academic community.

ADV200  Advising  
0 Credit  
This course, linked to GEN220-Introduction to Entrepreneurship Innovation, is taken during the student’s third baccalaureate semester and emphasizes student self-discovery, entrepreneurial exploration, and future planning.

ADV201  Advising  
0 Credit  
Students in the fourth semester or beyond of the baccalaureate program will be enrolled in this course if they fall into one of two categories: (1) have not been accepted into a program or (2) are not in good academic standing. Students will meet periodically with their advisor to check on their academic progress and will be required to complete an individual learning plan that outlines specific actions for program entry and academic improvement. Attendance at academic success workshops and advising sessions will be required for successful completion of the course.

AGD314  Illustration and Visual Narrative  
3 Credits  
This course provides students with the opportunity to design and develop character and environment for visual narratives. Through examination of historical and popular culture narratives, students will learn to identify key aspects of character and environment design and to use visual storytelling techniques to communicate concepts to an audience. This course is suitable for students with an interest in animation, illustration, conceptual design, film, comics, motion graphics and visual communication.

AGD351  Graphic Design I  
3 Credits  
This course provides a basic understanding of Graphic Design roles and responsibilities. It explores the visual language and relationships, of typography and imagery, graphic design history, and introduces students to critical topics that affect the graphic design industry today. Students solve design problems, construct layouts using vector graphics and photography, combined with type, and learn how to present to an audience.  
Pre-requisite: ART251 ;

AGD352  Graphic Design II  
3 Credits  
This course further explores visual language and relationships, including the interaction of typography and imagery in icon design as well as in layouts for lengthy documents. Students solve design problems and learn how to present to an audience. Student learn visual communications design processes and acquire a foundation of context sensibility and social responsibility.  
Pre-requisite: AGD351 ;

AGD355  Designing with Color  
3 Credits  
A course devoted to the development of the perception of color and its use as a tool for the graphic designer. Exercises are given that test the appearance of color relationships in complex structures. Class sessions alternate between working in a studio workshop and critiques of assignments.
AGD356  Typography I  
3 Credits  
This is an introductory course on the subject of typography in which the principles of typography are examined through the study of letterform anatomy and construction, type composition, and the history of typography. Dealing with both the Latin and Arabic alphabets, students examine the use of type as a created social symbol for communication as well as type as object form.  
Pre-requisite: ART251 ;

AGD357  Designing for the Web I  
3 Credits  
In this course the flexibility and potential of the Web are explored. The course instructs students in using text, graphics, sound, animation, and video for the web and considers their standards and application.  
Pre-requisite: ART251 ;

AGD358  Design for Social Change  
3 Credits  
Over the past decade, the notion of design for social change has become a relevant component of professional practice, with designers utilizing creative tools and methodologies to address complex social, humanitarian, and environmental needs. Social design brings together designers from varying disciplines to collaborate with clients, educators, philanthropists, and corporations to address the complex needs of the diverse community. In response, this course places particular emphasis on how social responsibility is presented in an interdisciplinary professional design practice in the UAE, and how we, as designers, can contribute to positive social change. Students examine how current social issues can be a significant driver in raising awareness on a global scale, while also focusing on local issues such as heritage, environment, cultural identity, and health.  
Pre-requisite: ART201 or ART205 ;

AGD359  Information Design  
3 Credits  
This course investigates visual systems, which communicate complicated information through the combination of notational, visual, and structural forms such as diagrams, graphs, and charts. Aesthetics and strong visual communication criteria are used in analyzing and creating.  
Pre-requisite: ART251 ;

AGD451  Graphic Design III  
3 Credits  
Students will explore and learn a concept of sustainable brand and contextual sensibility and social responsibility. This course offers an advanced understanding of web design that is specific to the interactive need of the client. Students will learn how to integrate web design into the entire graphic design experience from identity design to campaign development. Along with an intermediate understanding of CSS, students will have advanced understanding of how to assess the characteristics of both the client and audience in order to create effective websites. Students will create operational site architectures after assessing the needs of the project and then work through effective design that matches the client/audience expectations.  
Pre-requisite: AGD357 ;

AGD456  Typography II  
3 Credits  
This is an advanced Typography course in which students gain theoretical knowledge on typeface design, while they develop and produce individual and unique typefaces in Arabic and Latin. Incorporating skills from Typography I, students research and develop a typeface with a series of fonts that will provide a solution to a visual communication problem. Students will acquire the advanced understanding techniques, and skills required in the workplace.  
Pre-requisite: AGD356 ;

AGD457  Designing for the Web II  
3 Credits  
This course offers an advanced understanding of web design that is specific to the interactive need of the client. Students will learn how to integrate web design into the entire graphic design experience from identity design to campaign development. Along with an intermediate understanding of CSS, students will have advanced understanding of how to assess the characteristics of both the client and audience in order to create effective websites. Students will create operational site architectures after assessing the needs of the project and then work through effective design that matches the client/audience expectations.  
Pre-requisite: AGD357 ;

AGD459  New Media Design  
3 Credits  
New Media introduces the student to a range of interactive, animation, video, and audio tools. The goal of the course is to teach the fundamentals of typography, narrative, layout, and linear structures, combined with basic software applications to manipulate and create time-based, interactive media, motion graphics, and the creation and study of design themes of application creation for tablet and mobile devices.  
Pre-requisite: AGD351 ;

AID279  CAD I  
3 Credits  
This course is an introduction to the principles and techniques of digital drafting. Through a series of exercises students will be made familiar with the production of digital plans, sections, elevations, and details commonly used in Interior Design projects. Students will also be introduced to document management as well as to print procedures.  
Pre-requisite: AID279 and AID311 ;

AID287  Interior Design Studio I  
3 Credits  
This beginning Studio introduces students to the field of Interior Design. Projects will include aesthetic issues and practical studies of small-scale interior environments such as residential spaces. The study will include an introduction to interior design styles, and an in-depth analysis of each room focusing on its aesthetic, space planning, lighting, color, and materiality. The studio will introduce the basic surveying skills and representation tools in order to prepare design solutions.  
Pre-requisite: AID279 and AID311 ;

AID311  Drawing for Designers  
3 Credits  
This drawing course introduces the students to the principles of drawing applicable to Graphic and Interior Design. Emphasis is given to the development of drawing as design with a wide array of assignments that involve analytical translations of imagery, objects and spatial environments using a diverse set of drawing materials, techniques, and conventions. The content will concentrate on the design process from initial concept sketches through formal presentation drawings and visualizations.  
Pre-requisite: ART201 or ART205 ;

AID336  Interior Design Studio II  
3 Credits  
This studio continues the content and purpose of Interior Design Studio I, with increased emphasis on design development and physical and technical resolution. The studio will cover intermediate design issues including project and client analysis, programming, space planning, and design development to understand materials, finishes selection as well as lighting and color investigation. Digital media are integral to the studio, and students receive continued instruction and practice in software appropriate for design.  
Pre-requisite: AID287 and AID279 and AID311 ;  
Co-requisite: AID337
AID337  Color and Light Design  
3 Credits  
The aim of this course is a study of color and light, its effective use in design, and methods to employ these properties in different applications. The course would have a theoretical as well as studio component.  
Pre-requisite: AID287 ;

AID379  CAD II  
3 Credits  
This course is built upon the principles and techniques of digital drafting introduced in AID279. Students will further be made familiar with various concepts of CAD such as the generation of 3D content for axonometric and perspective drawings, presentation and layout techniques as well as innovative concepts such as digital model making and Building Information Modeling will be explored.  
Pre-requisite: AID279 ;

AID385  Interior Design Studio III  
3 Credits  
This intermediate studio introduces students to the impact of color and light on the quality of spatial planning, quality in the context of color and light study. The design development and construction phases will focus on exploring the affect of light and color on human behavior and different responses with in diverse interior spaces. Students will be required to carry out a series of physical analog and digital modeling to establish outcomes and deliverables.  
Pre-requisite: AID336 ;  
Co-requisite: AID388 ;

AID387  Furniture Design  
3 Credits  
The course will be exposing students to furniture design history and theory, furniture typologies, manufacturers and designers. Individual furniture pieces will be analyzed and a original furniture prototype developed and built. The design and production process of furniture will be are explored, emphasizing the sequential development of a furniture piece from early design sketching and concept development on thru to production delineation and the appropriate selection of materials, details and methods of construction. Course will encourage creative thinking and expose students to relevant design theory, human behavioral theory, ergonomics and anthropometrics, and global challenges such as sustainability, buildability, and global resources.  
Pre-requisite: AID336 and AID391 ;

AID388  Environmental Control Systems  
3 Credits  
Interior design shares an increasingly complex and crucial role for creating healthy, safe, and comfortable interior spaces for human habitation. This course introduces students to the basic principles needs and options for the selection and the design of sustainable environmental control systems. Additionally, students will become familiar with a broad range of environmental issues such as heating and air conditioning systems, water and waste, thermal comfort, HVAC systems, electricity, lighting, security and communications systems, fire safety, and transportation systems.  
Pre-requisite: AID391 ; AID336 ;

AID389  Basic Architecture  
3 Credits  
AID389 is the study of the basics of architecture, from architectural terminology to small architectural projects. The course will have a theoretical as well as a studio component. Subjects that will be covered include regular and irregular forms, dimensional transformation, subtractive forms, additive and subtractive forms, form-defining spaces, basic variations of openings, spatial relationships, and circulation elements.  
Pre-requisite: AID287 ;

AID391  Interior Design Materials and Construction  
3 Credits  
The focus of this course is to introduce students to basic building materials, and the development and coordination of constructing interior spaces. The main topics of the course include floor systems, partitions, ceiling systems, wood cabinetry, stair and ramp design and construction. Lectures and presentations will introduce materials and detailing, technical assembly, specifications, and means of construction as an integral part of design development.  
Pre-requisite: AID287 and AID279 and AID311 ;

AID477  Advanced Modeling, Lighting and Rendering  
3 Credits  
This advanced level course complements the skills learned in 3D Modeling and offers an insight into more complex lighting and rendering techniques to create high quality renderings. Emphasis will be given on the creation of realistic images of interior, exterior, and studio scenes.  
Pre-requisite: AAD375 or AID379 ;

AID486  Interior Design Studio IV  
3 Credits  
This course follows and builds on Interior Design Studio III and is structured to provide students the opportunity to select a current topic to study in the interior design field, and to integrate all aspects of design including: technology, construction methodology, and representation through various scales of in depth investigations.  
Pre-requisite: AID385 ;

ANT261  Introduction to Culture and Society  
3 Credits  
This course is an introduction to major theoretical debates, key concepts and methods of analysis in the social sciences and humanities. It aims at providing students with the theoretical tools to analyze complementary and contrasting viewpoints about people, societies, cultures and ideas, and their interactions across time. Drawing its examples from everyday life, literature, popular culture and other sources of cultural expression, the course invites students to critically engage with pressing issues of today’s world, including questions of power and authority, identity, gender, race and class.

ANT301  Geography: People, Places, and Power  
3 Credits  
Examines the relationship between geography, power and people. We learn the basics of geography and map reading and then explore how the search for natural resources (e.g., salt, spices, oil) has cut up the earth into countries and political spheres.

ANT302  Cities: Culture, Space, Sustainability  
3 Credits  
This course investigates the forces that shape the conditions of urban development and the creation of cities in comparative and interdisciplinary perspective. The course examines trends in today’s emerging “global cities,” particularly in the Gulf. Readings will focus on issues of cultural politics social space, mobility and the built environment sustainable urban development, marketing and branding, and heritage and tourism.

ANT314  Peoples of the World  
3 Credits  
Surveys major cultural norms and values of different ethnic groups to determine patterns of their similarities and differences in our modern world society. Adopts a regional comparative approach that combines analysis and synthesis of characteristics that are distinctive to principal world cultures.

ANT328  Critical Thinking  
3 Credits  
The primary goal of this course is to encourage students to develop their critical thinking skills by moving them through a series of cognitive or ontological shifts. This is accomplished by a succession of readings, each of which crucially builds on the previous reading and illuminates the topic of choice in a radically new way, so that earlier texts have to be reconsidered in the light of later texts. Instructors are free to choose their own topic and readings, but each version of the course should seek to change students’ thinking about one basic cultural phenomenon.  
Pre-requisite: HIS251 or SOC326 ;

ANT362  Popular Cultures  
3 Credits  
This course will investigate the intersection between everyday life, mass media, and broader political and historical contexts in different societies, in order to understand the role and
evolution of popular culture. We will look at a broad range of societies, including those in the Arab States of the Gulf and the UAE. The course begins with an attempt to conceptualize the notion of culture, and then examine how meaning is created and reconceived through various forms of popular media and cultural expressions such as film, television, music, advertisement, novels, food, and the Internet. We will then familiarize ourselves with key theoretical contributions and methodology drawn from a range of disciplinary approaches. Finally, we will analyze the relationship between globalization as a multidimensional process and popular culture.

**ANT384 The Anthropology of Tourism and Heritage**  
3 Credits  
This course examines the development of tourism historically within the conceptual framework of anthropology. Issues covered will include how tourism has impacted the people and cultures visited, the nature and relationship of culture to tourism, the re-creation and manufacture of heritage for tourists and the performance of cultural acts through orchestrated dance, song, and festivals. Special attention is given in the latter part of the course to tourism in the U.A.E. and the issues of authenticity that it raises.

**ANT385 Bedouin Society**  
3 Credits  
This course examines the nature and characteristics of tribal society generally and Bedouin society specifically using anthropological perspectives and theories. After establishing an understanding of nomadic pastoralism historically and cross-culturally, the course will focus on the nature of modern tribal societies.

**ANT430 World Regions: Americas**  
3 Credits  
This course examines the Americas through a review of the key political, historic, economic, social, and/or cultural issues. Students evaluate various regional challenges, historical or contemporary in nature, using interdisciplinary methods and sources. The course also seeks to analyze the extent to which different nation-states and/or cultures within the same region respond to specific challenges. In this way, students will develop a more profound appreciation of the region's diversity and unique qualities.

**ANT431 World Regions: Europe**  
3 Credits  
This course examines Europe through a review of the key political, historic, economic, social, and/or cultural issues. Students evaluate various regional challenges, historical or contemporary in nature, using interdisciplinary methods and sources. The course also seeks to analyze the extent to which different nation-states and/or cultures within the same region respond to specific challenges. In this way, students will develop a more profound appreciation of the region's diversity and unique qualities.

**ANT432 World Regions: Middle East**  
3 Credits  
This course examines the Middle East through a review of the key political, historic, economic, social, and/or cultural issues. Students evaluate various regional challenges, historical or contemporary in nature, using interdisciplinary methods and sources. The course also seeks to analyze the extent to which different nation-states and/or cultures within the same region respond to specific challenges. In this way, students will develop a more profound appreciation of the region's diversity and unique qualities.

**ANT433 World Regions: South Asia**  
3 Credits  
This course examines South Asia through a review of the key political, historic, economic, social, and/or cultural issues. Students evaluate various regional challenges, historical or contemporary in nature, using interdisciplinary methods and sources. The course also seeks to analyze the extent to which different nation-states and/or cultures within the same region respond to specific challenges. In this way, students will develop a more profound appreciation of the region's diversity and unique qualities.

**ANT434 World Regions: East Asia**  
3 Credits  
This course examines East Asia through a review of the key political, historic, economic, social, and/or cultural issues. Students evaluate various regional challenges, historical or contemporary in nature, using interdisciplinary methods and sources. The course also seeks to analyze the extent to which different nation-states and/or cultures within the same region respond to specific challenges. In this way, students will develop a more profound appreciation of the region's diversity and unique qualities.

**ANT435 World Regions: Africa**  
3 Credits  
This course examines Africa through a review of the key political, historic, economic, social, and/or cultural issues. Students evaluate various regional challenges, historical or contemporary in nature, using interdisciplinary methods and sources. The course also seeks to analyze the extent to which different nation-states and/or cultures within the same region respond to specific challenges. In this way, students will develop a more profound appreciation of the region's diversity and unique qualities.

**ANT436 World Regions: Mediterranean**  
3 Credits  
This course examines the Mediterranean through a review of the key political, historic, economic, social, and/or cultural issues. Students evaluate various regional challenges, historical or contemporary in nature, using interdisciplinary methods and sources. The course also seeks to analyze the extent to which different nation-states and/or cultures within the same region respond to specific challenges. In this way, students will develop a more profound appreciation of the region's diversity and unique qualities.

**ANT455 People and Cultures of the Middle East**  
3 Credits  
This course explores the social and cultural similarities that Middle Eastern societies share and the many differences that separate regions and countries. We study a wide range of social, historical and political influences that have shaped the modern Middle East.

**ANT458 World Regions: Societies and Cultures**  
3 Credits  
Using different regions of the world, including Asia, Africa, and the Americas, this course examines the cultural and social diversity in each area. Emphasis is on social change, globalization, women in economy and political life.  
a) Europeb) Americas(c) Middle East(d) Africa(e) East Asia(f) South and Southeast Asia

**APL303 Linguistics for ESL Teachers**  
3 Credits  
This course introduces students to the basic linguistic concepts that define the varied systems of language: phonetics, phonology, morphology, syntax, semantics, and pragmatics. It introduces students to concepts and terminology used in ELL to describe formal features of English and English language structures and use. The course aims to increase candidates' awareness of the complexities language learners face when acquiring and developing language and skills proficiency. Students will examine the social and cultural aspects influencing language. By providing an overview of linguistics and describing language as a system, the course focuses on linking these systems to English Language teacher development. As Teachers of English to mostly Arabic speaking students, they will develop knowledge and skills that enable them to diagnose language errors and suggest activities to support language learner's development.

**APL331 Teaching Grammar I**  
3 Credits  
This course examines the structure of English sentences and texts beyond the sentence level in order to discover implicit grammar rules. This course being a pre-requisite to Teaching English Grammar II, it focuses mainly on the parts of speech and in the process, students learn how to analyze language structure and how varying the structure conveys different meanings. Each part of speech is studied with an in-depth analysis and understanding of form, meaning, usage and pronunciation where relevant as well as its position in a sentence. Learners are also made aware of common ELL and native speaker errors with
emphasize on the errors of Arabic speakers and L1 interference. Teaching strategies, relevant contexts and graded lessons and activities are introduced throughout the course in order to prepare learners to design appropriate lesson plans targeting language learners at various proficiency levels.

APL332 Teaching Grammar II
3 Credits
This course builds on APL331 and teacher education candidates continue to learn and to use English grammar as well as how to teach it using a variety of teaching strategies. Candidates will learn to develop and design implicit and explicit, contextualized, communicative grammar activities in the areas of speaking, listening, reading and writing. APL332 targets verb tenses, participles and gerunds, pronouns, articles, and second language usage problems. Candidates will learn how to use a variety of teaching tools, including multimedia texts, and selections from assorted literary genres such as short stories and essays to explore language and teach the grammar topics.

APL341 Learning English in Schools
3 Credits
This course builds on an overview of the theories of language acquisition, and the characteristics of learner variables as applied to English Language Learners (ELLs). The course continues with analysis of current issues in language pedagogies, measurement of learner variables, and application of knowledge towards creating ELL program models. Course activities that model instructional practices in L2 teaching are a feature of this course, and include the use a variety of comprehensible input text, including PPTs, textbook, videos, readings, and instructional conversations; a variety of interaction tasks, including pair and group work activities, where meaning is negotiated, interactive presentations in a whole class setting, and the acting out of transcripts from English language classrooms; and a variety of output activities, including written essays, oral presentations, and in-class worksheets to accompany instruction.

APL354 Language and Culture
3 Credits
Students explore the complex relationships between language, cultures, thought, and power. The course will cover the theories, principles and practice of how people use language to communicate in a variety of contexts and situations. Students will learn about several factors such as genders, social classes, culture, ethnicities, age, education levels, and power that influence verbal, non-verbal communication, and language development.

APL373 Literacy and English Language Learning I
3 Credits
This course introduces students to basic principles and issues related to emerging and early literacy and language for young children. Particular emphasis is given to practices and strategies for developing oral language and reading and writing skills of young children. Students will engage in a 1-hour/week laboratory to complete a language development case study with a preschool child.

APL386 Literature for Children
3 Credits
This course provides an introduction to literature for children, with a particular focus on early and elementary childhood literature. Students are introduced to the pedagogical knowledge needed to teach literature. Methods and techniques of teaching children’s literature in an ESL setting and for a variety of purposes are explored. The course seeks to develop students’ global awareness and cultural responsiveness through reading and enables how societies express their values and beliefs through children’s literature. Candidates also reflect on their experiences with Arabic and English literacy and on themselves as readers and writers. The course covers a variety of types of literature, genre, and age groups and has a laboratory experience associated with an integrated learning experience that combines the disciplines of English language, science and mathematics in teaching young children.

APL472 Teaching English Language Learners
3 Credits
Develop the decision-making teaching skills needed to work with English language learners in all grades and to deliver instruction in the areas of listening, reading, writing and speaking appropriate to level/abilities of students.

APL473 Literacy and English Language Learning II
3 Credits
This course builds on and extends the knowledge base and understanding of how children learn to read and write, focusing on reading and writing strategies of upper elementary students. Specific attention is given to understanding that effective literacy teaching needs to adopt a balanced approach and that second language learners have specific learning needs. This course has a laboratory experience in conjunction with its co-requisites to develop, implement and assess integrated learning experiences for elementary school children.

Pre-requisite: APL373

APL475 English Language Learning Methods and Materials: Listening and Speaking
3 Credits
The course will begin with an overview of the underlying principles, characteristics, and applicability of various methods for teaching listening and speaking to ELLs. It explores the historical and current trend of instructional approaches, methods, and techniques. Next, it explores methods and techniques for teaching the micro skills of listening and speaking, followed by an analysis and evaluation of a variety of ELL materials. Finally, the course will conclude with a look at current issues in language teaching, including language assessment, standards, and ELL program models.

ARA211 Masterpieces of Arabic Literature
3 Credits
Presents a selection of Arabic literature through different periods and varied regions that have been widely accepted as literary masterpieces. This literature portrays deep human feelings and attitudes toward life and existence, and provides students with a wonderful opportunity to study these works in-depth, to analyze them critically and to understand their places in world literature.

ARA222 Muslim Travelogue Literature
3 Credits
The course introduces students to authentic travel accounts, geographical treatises and anthropological texts written by Muslim travelers, from Ibn Fudlan (4th/9th century) to Ibn Jubair (8th/14th century). It examines the nature of travelers' mental and geographical mapping of the world, their reaction to cultural differences within Islamic societies. Finally, Muslims' contributions to the development of geography are discussed.

ARA235 Principles of Translation
3 Credits
This course teaches the basic techniques of translation. It helps students gain a better understanding of the main concepts and approaches in the discipline of translation studies and proposes a methodology which is discussed and used in practice. It provides students with confidence and competence in the practice of translation from English into Arabic. It offers comprehensive training using a range of sources in English. The course also examines electronic translation and the utilization of modern technologies in the translation process.

ARA240 Media Storytelling in Arabic I
3 Credits
This course covers the basics of writing for multi-platform media in Arabic. It discusses storytelling and presentation forms and methods for print, broadcast, online, and social media. Emphasizes the basics of writing accurately and concisely in Arabic.

ARA310 Advanced Arabic language Skills in Social sciences
3 Credits
The course aims to develop students’ communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Social sciences. The course primary focus is on developing their academic and professional writing skills with specific attention on critical reading based on a selection of readings from modern literary, informative and academic genres. The course also seeks to train students on active critical reading, and strengthening their speaking skills on subjects relevant to the area of study.

Pre-requisite: GEN130 ;
ARA315  Advanced Arabic Professional Writing  
3 Credits  
This course aims at developing students’ reading and writing skills in the fields of Media: Advertising, sales promotion, marketing, and public relations. Students will develop the ability to convey clear messages that can be adapted to all needs of various forms of media and meet expectations of target audiences. Students will be trained to read, evaluate, discuss, analyze, and critique various published materials in Arabic newspapers and magazines. Emphasis will be placed on enhancing the skills of re-writing and summarizing the read texts. To achieve these objectives, advanced proficiency in Arabic will be assumed. Students will have a fair command of varied vocabulary, succinct and concise style and syntax.

ARA320  Advanced Arabic language Skills in Technological Innovation  
3 Credits  
The course aims to develop students communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Technological Innovation. The course primary focus is on developing students’ academic and professional writing skills with specific attention paid to critical reading based on a selection of readings from modern literary, informative and academic genres. The course will also train students on critical listening and speaking skills in order to enable them to write professionally in their specialization.

Pre-requisite: GEN130 ;

ARA325  Advanced Arabic language Skills in Business Administration  
3 Credits  
The course aims to develop students communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Business Administration. The course primary focus is on developing students’ academic and professional writing skills with specific attention paid to critical reading based on a selection of readings from modern literary, informative and academic genres. The course will also train students on critical listening and speaking skills in order to enable them to write professionally in their specialization.

Pre-requisite: GEN130 ;

ARA330  Advanced Arabic language Skills in Education  
3 Credits  
The course aims to develop students communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Education. The course primary focus is on developing students’ academic and professional writing skills with specific attention paid to critical reading based on a selection of readings from modern literary, informative and academic genres. The course will also train students on critical listening and speaking skills in order to enable them to write professionally in their specialization.

Pre-requisite: GEN130 ;

ARA335  Teaching Arabic Literacy  
3 Credits  
This course examines techniques for teaching reading writing, speaking, and listening to young native speakers. The course considers emergent literacy and the development of literacy as it relates to teaching practices. It aims to enable students to use Arabic vocabulary correctly to write reports, comments, and summaries, and to analyze and criticize texts in Arabic soundly.

ARA340  Media Storytelling in Arabic II  
3 Credits  
Advanced course of writing for multi-platform media in Arabic. Focus on professional media writing in specialized contexts, such as feature writing, writing for television, radio, online, public relations and promotional writing.

Pre-requisite: ARA240 ;

ARA350  Advanced Arabic language Skills in Health sciences  
3 Credits  
The course aims to develop students communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Health Sciences. The course primary focus is on developing students’ academic and professional writing skills with specific attention paid to critical reading based on a selection of readings from modern literary, informative and academic genres. The course will also train students on critical listening and speaking skills in order to enable them to write professionally in their specialization.

Pre-requisite: ARA240 ;

ARA355  Advanced Arabic language Skills in Psychology  
3 Credits  
The course aims to develop students communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Psychology. The course primary focus is on developing students’ academic and professional writing skills with specific attention paid to critical reading based on a selection of readings from modern literary, informative and academic genres. The course will also train students on critical listening and speaking skills in order to enable them to write professionally in their specialization.

Pre-requisite: GEN130 ;

ARA360  Advanced Arabic language Skills in Environmental sciences  
3 Credits  
The course aims to develop students communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Environmental Science Sustainability. The course primary focus is on developing students’ academic and professional writing skills with specific attention paid to critical reading based on a selection of readings from modern literary, informative and academic genres. The course will also train students on critical listening and speaking skills in order to enable them to write professionally in their specialization.

Pre-requisite: GEN130 ;

ARA370  Advanced Arabic language Skills in Art and Design  
3 Credits  
The course aims to develop students communication skills in oral and written Modern Standard Arabic (MSA) on topics relating to Art and Design. The course primary focus is on developing students’ academic and professional writing skills with specific attention paid to critical reading based on a selection of readings from modern literary, informative and academic genres. The course will also train students on critical listening and speaking skills in order to enable them to write professionally in their specialization.

Pre-requisite: GEN130 ;

ARA375  Public Speaking and Professional Presentation in Arabic  
3 Credits  
This course will help students develop an understanding of the fundamentals of public speaking and persuasion in Arabic. Students will learn how to speak confidently and effectively as well as deliver a persuasive message in a variety of public speaking situations. Particular attention will be paid to elements of ethics, delivery, persuasion, research, and use of technology in public speaking.

ARA380  Modern Arabic Syntax  
3 Credits  
This course covers Arabic grammar, syntax and morphology and is designed to help students achieve advanced levels in most forms of communication in modern standard Arabic. Building on the linguistic skills developed in the Arabic courses in the General Education (GEN130, GEN135 and GEN230), the course is designed to increase the students’ knowledge of Arabic grammar, syntax and morphology as tools for better communication. Faculty guided practices will help students in developing clear, concise and effective writing; structural accuracy and professional vocabulary acquisition. Special emphasis will be placed on the use of modern ways of teaching these subjects, particularly technology-based means.

ARA395  Media Translation Workshop  
3 Credits  
Students learn the fundamentals of translation and receive ample translation practice to enhance skills in translating media texts from English to Arabic. Extensive exercises are provided for translating simple and complex media texts from print, broadcast, online and public relations. Topics include translation of news items, columns, editorials, scripts, news releases, and promotional messages.
ARA492  Technical Translation
3 Credits
This independent study in translation is suitable for all programs. It helps the students understand the requirements of business and technical translation. After a short study period, students embark on a translation project from subjects related to their area of study.
Pre-requisite: GEN130 ; GEN140 ;

ARA495  Independent Study
3 Credits
Following the University guidelines for independent study, a student proposes a study of material not available through regularly scheduled courses. The work resulting from a successful proposal is supervised evaluated by a designated faculty member.

ART201  Principles of Design
3 Credits
This is an introductory course that focuses on the basic visual concepts of two-dimensional and three-dimensional design. The purpose of this course is to teach the student how to develop an understanding of the fundamentals of visual language. This course introduces the use of materials and equipment appropriate to each medium.

ART205  Art Foundations
3 Credits
This course introduces the student to the basic skills of drawing, painting, sculpture and printmaking which will serve as a solid foundation for future studio courses in Art and Design. Students will familiarize themselves with a variety of techniques and processes using diverse art materials and methods for expressive and communication purposes. The course will also cover the use of materials and equipment appropriate to each medium.

ART220  Introduction to Art History
3 Credits
This course reviews the history of the development of art and architecture. It is designed as an introductory art history course with a thematic approach to understanding art and architecture, and a chronological examination of the sequence of art history.

ART221  Research Methods for Artists and Designers
3 Credits
This course reviews the variety of research methods commonly used by artists and designers, including information literacy with a focus on the subject specific and electronic resources available through the university library, and the different processes artists and designers use for needs assessment, documentation, creative development, and presentation.

ART223  Arts of the Modern World
3 Credits
Introduces students to the historical development of the visual and spatial arts from the beginning of the modern period in approximately 1850 to the present age.
Pre-requisite: ART220 ;

ART251  Basic Design
3 Credits
This is an introduction to the fundamental principles of graphic design. Students will gain hands-on experience with the most commonly used software packages in the field and will develop skills and concepts such as problem-solving, visual communication, research, typography, concept and design development. Students will also learn about the basics of media literacy and criticism. This course is designed to introduce the Adobe suite (Illustrator, Photoshop Indesign) to students at a beginning level. The projects introduce software in the context of design concepts and principles - it is ideal for students to have ART201 before they enter this course. Each project escalates in intensity and complexity, allowing the students to develop a working knowledge of the design process in relation to the technology.

ART297  Special Topics in Art and Design: Intermediate
3 Credits
This course allows faculty to introduce a new course into the curriculum, on a limited basis, to art programs on the junior level. The course is designed to take advantage of conditions or opportunities that might be temporary, for example, a course involving a visiting artist or local event

ART330  Art Education
3 Credits
This course is structured to introduce programs in education and art to the theory and practice of teaching art in elementary schools. It emphasizes art curriculum planning, motivational strategies, art room management, and methods motivational strategies, art room management, and methods of evaluation in art. It also focuses on art across the curriculum.

ART395  Independent Study
3 Credits
This course is offered on the special instances whereby a student designs an individualized, unique course with a faculty member. This course can be developed only with the department chair's approval and does not serve to replace any other course requirement in the department.

ART397  Special Topics in Art and Design
3 Credits
This course allows faculty to introduce a new course offering, on a limited basis, to art programs on the intermediate level. The course is designed to take advantage of conditions or opportunities that might be topical: for example, a course involving a visiting artist or local event.

ART490  Internship
3 Credits
This course is an opportunity for students to gain practical experience of the workplace relevant to their program with employers in the public or private sector. Internships are intended to match the academic background and strengths of students, their interests and future career ambitions.
Pre-requisite: ADR405 ;

ART495  Independent Study
3 Credits
This course is offered on the senior level in special instances whereby a student designs an individualized and unique program with a faculty member. This course can be developed only with the Dean/Associate Dean's approval, and does not serve to replace any other course requirements in the department.

ART497  Special Topics in Art and Design
3 Credits
This course allows faculty to introduce a new course offering, on a limited basis, to art programs at the senior level. The course is designed to take advantage of conditions or opportunities that might be topical: for example, a course involving a visiting artist or local event.
Pre-requisite: AVA312 ;

AVA309  Digital Illustration
3 Credits
Digital Illustration is a standard and necessary manner of working with image generation. It is an efficient and professional set of skills to develop. This course is an introduction to the fundamental techniques used in digital illustration. Students will learn how to create effective images that retain a textural complexity while utilizing the various digital tools in an illustrative manner. The course will cover the use of digital collage, digital painting and generating professional work from the students own means. Students will construct effective communicative images. Students will use digital illustration methods to explore the use of tone, line, colour and texture.

AVA310  Drawing I
3 Credits
The focus of this course is to consider and explore the proposition that the act of drawing can be used as an expressive and creative tool to understand the world through an artistic pathway. This notion is introduced and developed by practical investigations of some basic drawing skills and techniques used in art.

AVA312  Painting I
3 Credits
The aim of this course is to develop the basic skills, techniques and processes of painting with an understanding of basic color principles. The integration of paint application and color principle develops an awareness that painting and color are used not only as mediums for representation, but also as mediums for expressive purposes. Artists' paintings are analyzed to understand their reasons for using particular techniques/materials, use of color and conceptual content.
AVA313  Drawing II 3 Credits
This course builds upon the observational and technical skills learned in Drawing I (AVA310) and assists in applying these skills to a conceptual framework. It stresses the expressive and conceptual aspects of drawing, including advanced composition arrangements and the development of an individual approach to theme and content, with a focus on materials and experimental media.
Pre-requisite: AVA310

AVA315  Sculpture I 3 Credits
This is an introductory sculpture course in which students learn the basic use of tools for the execution of sculpture, including mold making, woodworking, metal fabrication, mounting and installation of relief and free standing sculpture. Students are also exposed to basic sculpture concepts, which provide a general survey of sculptural studio practices.
Pre-requisite: ART205 or ART201

AVA316  Ceramics I 3 Credits
The emphasis of this introductory course is learning to create original work, while exploring the physical properties of clay. The expressive potential of clay becomes apparent through increased awareness of historical and contemporary ceramic art, and through the use of the basic ceramic techniques of forming, glazing and firing. A knowledge of basic tools and equipment is acquired through the hands-on use of basic equipment including: clay extruders, potters wheels, and electric kilns.

AVA317  Storyboarding 3 Credits
This course emphasizes story and concept development. Various techniques for creating a storyboard will be explored. Students will also create animatics that will establish the story timing based on the previously created storyboards.

AVA318  Three-Dimensional Design 3 Credits
This course is an introduction to three-dimensional design concepts. Students investigate the forces that influence the design of objects and spaces including, but not limited to, art objects. Natural forces such as the earth’s gravity affect our preception of balance, poise, gesture and weight. Cultural influences, materials and structure are all areas of thought and information which can be directly applied to this course. The various assignments are intended to allow you to develop artistically and creatively within a given framework.

AVA319  Introduction to Jewelry Design 3 Credits
This course offers an introduction to the basic principles and skills used in jewelry design. Students will be introduced to the fundamental technical, conceptual, and aesthetic issues involving jewelry. Through a series of explorations and technical exercises students will learn a broad range of processes and materials, progressing from the simpler to the more complex projects.

AVA340  Photography I 3 Credits
An introduction to the standards of still imaging with a balanced emphasis on practical, technical, aesthetic, and conceptual skill sets. The student will gain general experience in digital photography through lectures, demonstrations, videos, assignments, practice, readings, critiques, and research. The curriculum emphasizes craft, photographic vision, and visual problem solving. A digital SLR and digital darkroom processes. Visual design concepts along with historical and contemporary photographic images will be stressed with an emphasis on the traditional rules of composition and photographic design.

AVA341  Photography II 3 Credits
Through a wide array of topics, emphasis is placed on digital image capturing and the use of the computer as a parallel tool to traditional photographic practices. An introduction to non-silver processes such as photo screen-printing, van dyke brown, and cyanotype printing, are also explored. Students are expected to develop a solid understanding of digital imaging practices and an adaptable approach to emerging technologies.
Pre-requisite: AVA340

AVA342  Introduction to Studio Lighting 3 Credits
This course is a survey of the effects of light on the photographic image – angle, brightness, contrast, color temperature, and diffusion/concentration. Explorations will include working with natural light on through to studio lighting.
Pre-requisite: AVA340

AVA345  Digital Video I 3 Credits
Using video as a means for studying basic techniques of filmmaking and 2D animation, students develop universal skills of expression and storytelling, and an understanding of the fundamental language and processes of digital video, from conception to final video edited works. Students learn basic digital video filming techniques including linear and nonlinear editing with Final Cut Pro software as they shoot and edit a series of 3 short individual and 1 team project. Artistic, narrative and non-narrative genres are all explored. Conceptual development, narrative development, story-board development, lighting and camera techniques. Production practices include: editing, audio development, shooting, lighting, scene development, and export/output techniques.
Pre-requisite: ART251

AVA346  Digital Video II 3 Credits
Students create video projects based on individual direction. Additional development in the use of lighting, audio and editing software, as well as motion graphics and compositing techniques are explored.
Pre-requisite: AVA345 or MPS321

AVA360  Printmaking I 3 Credits
This course introduce students to the basic skills and processes of a variety of print making techniques such as the monotype, relief, intaglio and planographic methods. Students will familiarize themselves with the print studio, exploring issues of printed multiples as they relate to their current body of work. Learning the basic processes and transforming them into a mode for personal creative expression will be the main focus of this course.

AVA363  Printmaking II 3 Credits
This course will investigate contemporary trends in printmaking, building upon the traditional skills learned in Printmaking I. Students will investigate advanced color methods such as viscosity printing, 4 color separations, and will work with digital photomechanical processes through multiple plate printing and cross media applications. Students are expected to develop a body of work that articulates a sophisticated concept and clear personal vision.
Pre-requisite: AVA360

AVA365  Digital Printmaking 3 Credits
This course will introduce students to the skills and processes of advanced digital printmaking techniques. Students will familiarize themselves with the print studio, exploring issues of printed multiples as they relate to their current body of work. Students will be introduced to print on paper, screen printing, inkjet printing, and solar plate intaglio. Learning these processes to create prints and transforming these processes into a mode for personal creative expression will be the main focus.

AVA366  Book Structures I 3 Credits
This course builds upon previously learned skills and concepts, using various book structures as mediums of artistic creation. Students will familiarize themselves with a variety of binding techniques including basic codex creation, Japanese stab binding, accordion structures, and additional forms. Students’ use of diverse materials and methods to express themselves in an intelligent and creative manner is emphasized.
Pre-requisite: ART201 ; ART205

AVA410  Drawing III 3 Credits
This course concentrates on the idea that drawing is necessary for artists and designers to visualize ideas and thought, and to translate and interpret objects and environments into
visual forms for communication. The course looks at drawing as a problem-solving process, investigating, synthesizing, describing, and expressing concepts about the world.

**Pre-requisite:** AVA313

**AVA411 Painting II**  
*3 Credits*  
The aim of this course is to build on and further develop the concepts, skills and techniques acquired from AVA312 Painting I. The formal elements of painting, composition and color are further explored and extended through various subject matter. The course starts with a traditional approach to observational painting studying composition and balance with emphasis on the use of local color. Assignments progress to more self-expressive techniques of observational painting, using image distortion.

**Pre-requisite:** AVA312

**AVA413 Painting III**  
*3 Credits*  
Under faculty supervision, students produce an independent body of exploratory work and a related written statement, explaining their intention, progress and development for their course portfolio. Students are expected to demonstrate an understanding of how their work relates to the general context of art, critical theory and the activity of painting, in order to define and discuss the subject, form and content of their work. Students are expected to be self-motivated, prepared, and responsible for independent studio practice.

**Pre-requisite:** AVA411

**AVA415 Mixed Media**  
*3 Credits*  
Through a series of lectures, demonstrations, studio work, class discussions and critiques, this advanced visual arts course will review and build upon the knowledge learned in previous 2D and 3D studio courses such as drawing, painting, sculpture, photography, digital media, printmaking, bookmaking, video, etc. Students will familiarize themselves with a variety of new techniques and processes while learning to express their concepts by combining one or more diverse art mediums as previously listed, but not limited to those above. Working with a variety of combined processes and mediums and transforming them into a mode for personal creative expression will be the main focus of this course.

**Pre-requisite:** AVA310

**AVA416 Ceramics II**  
*3 Credits*  
This course builds upon the skills developed in Ceramics I. The primary emphasis is on developing hand building techniques and methods leading to well-developed finished pieces by the end of the semester. Students will explain or justify themes and aesthetic decisions, making connections to historical and contemporary art history and current events (local as well as global) whenever possible.

**Pre-requisite:** AVA316

**AVA418 Installation**  
*3 Credits*  
In this advanced studio course students examine the contemporary field of site-specific installation art and are introduced to a number of different media, the use and experience of public and private space, and the specific sites utilized for projects. Students explore techniques and mediums, including performance, photography, painting, drawing, video sound, and sculptural materials.

**Pre-requisite:** AVA418

**AVA440 Photography III**  
*3 Credits*  
This course prepares students to present their work in professional settings. Students will learn advanced techniques and processes in printing and presentation of photographic work and will focus on concept development. Commercial applications related to photography will be related to the students’ individual body of work produced in this course. This is the final course of a series of photography courses and one which prepares students for professional practice.

**Pre-requisite:** AVA341

**AVA460 Printmaking III**  
*3 Credits*  
This course provides students with focused study on thematically-driven work, with an emphasis on contemporary print practice and critical dialogue. Students may work in any print medium, creating sophisticated works that demonstrate expertise in non-traditional mixed media print methods.

**Pre-requisite:** AVA363

**BIO201 Biological Concepts I**  
*4 Credits*  
The course will be a general introduction to the fundamental principles of cellular, molecular, and developmental biology, as well as genetics and evolution. It provides an overview of the cell structure, energy and metabolism, photosynthesis, cell communication and cell division. It introduces students to the structure and function of the chemical building blocks of life; including the relationship between nucleic acids and proteins and how these molecules are synthesized and integrated into multicellular systems. Topics also covered will include the origin of life and the theory of evolution, classification of organisms and the main characteristics of the three domains of life (viruses, prokaryotes and eukaryotes), invertebrates and vertebrates.

**Pre-requisite:** BIO201

**BIO321 Human Physiology**  
*4 Credits*  
Human physiology looks at the function of the human body and the general aspect of homeostasis. This survey course will cover the major systems of the body, including the nervous, endocrine, digestive, renal, circulatory, immune, cardiovascular and respiratory systems.

**Pre-requisite:** BIO201, CHE201

**BIO351 Ecology and Conservation Biology**  
*4 Credits*  
A study of relationships, distribution and abundance of organisms, or groups of organisms in an environment. Topics include landscape, ecosystems, physiological, behavioral, population, community, and environmental ecology. An emphasis is placed on conservation biology and environmental mitigation measures. Laboratory/field work will be used to emphasize key concepts.

**Pre-requisite:** BIO201, BIO202

**BIO372 Microbiology**  
*4 Credits*  
This course involves the study of the structure, genetics, physiology, metabolism and ecology of selected microorganisms and examines their role as agents of disease.

**Pre-requisite:** BIO201, CHE201

**BUS207 Business Communications**  
*3 Credits*  
This course will introduce students to the primary forms of communication in business organizations. A variety of strategies will be presented along with some of the technologies that support effective communication. This is an introductory course. It serves as the foundation for BUS217, BUS407, BUS490, and BUS499. The aim of this course is to provide students with the opportunity to exercise and develop clear, concise and effective communication skills per the expectations of the international business community. Students will develop an awareness of audience and purpose. Special emphasis will be placed on structural accuracy and the prevention of communication breakdown.

**Pre-requisite:** EWS240

**BUS209 Management Decision Sciences**  
*3 Credits*  
This course examines the use of quantitative methods to assist in decision making. The emphasis is on how these methods
can contribute to better decisions. This course is designed to
develop quantitative skills that will be useful in other core
courses and in many of the specialized courses.

Pre-requisite: GEN111 or GEN112 or MTH1118 or MTH103 ;

BUS217 Business Writing Lab
1 Credit
This course will assist students with the production of case
genre and the associated rhetorical patterns of specialization
specific Business English.
Pre-requisite: GEN111 or CIT300 ;

BUS407 Corporate Communication
3 Credits
Students will produce advanced forms of communication
employed in the daily functioning of business organizations. Special emphasis will be placed on the development of clear,
concise and effective communications; structural accuracy;
professional vocabulary acquisition; and the prevention of
communication breakdown in written communications.
Pre-requisite: BUS207 or CIT300 ;

BUS417 Essentials of Research Writing for Business
2 Credits
This course will assist students with the production of
specialization-specific Business English with the intention of
facilitating the development of a written proposal and outline of
the capstone project for BUS499.
Pre-requisite: BUS207 ;

BUS491 Internship
3 Credits
An individualized assignment arranged with an agency, business
or other organization to provide guided experience in the field.

BUS495 Independent Study
3 Credits
Directed research and/or study on an individual basis .

BUS497 Special Topics
4 Credits
Course in any curriculum for which there is a particular one
time need, or given on a trial basis to determine acceptability
and demand before requesting a regular course number.
Pre-requisite: BUS407 ;

CHE201 General Chemistry I
4 Credits
This course is the first part of a two-semester general chemistry
course. It covers basic principles of measurement and scientific
method. Specific areas include: stoichiometry and reactions,
gases, thermochemistry, atomic structure and periodicity, and
bonding. Various conceptual examples and numerous problem
solving exercises are considered and recommended outside
reading material is included.

CHE202 General Chemistry II
4 Credits
This course is the second part of the two-semester general
chemistry course. It provides an introduction to the basic
principles of chemistry. Reactions and equilibria in chemical
systems will be explored through their chemical thermodynamic
and kinetics. Topics include acids and bases, precipitation and
redox equilibria. In addition to lectures and problem solving,
laboratory sessions are offered parallel to the course.
Pre-requisite: CHE201 ;

CHE331 Biochemistry
3 Credits
The course provides an overview of the basic chemical
processes of the human body. Course topics include amino
acids, protein structure and synthesis, enzyme catalysis,
lipids, carbohydrates, nucleic acid chemistry, metabolism, and
bioenergetics. The course emphasizes recent developments in
biochemistry and human health.
Pre-requisite: CHE365 ;

CHE365 Fundamentals of Organic Chemistry
4 Credits
An introduction to organic chemistry, the course focuses
on the properties and reactions of common classes of
organic compounds. The course also emphasizes structure,
stereochemistry, and reaction mechanisms. Topics covered
include aliphatic and aromatic compounds, alcohols, ethers,
carbonyl compounds, amines, carboxylic acids and derivatives.
The laboratory component introduces basic organic chemistry
techniques and reactions.
Pre-requisite: CHE202 ;

CHE471 Environmental Chemistry
3 Credits
This course examines the qualitative and quantitative chemistry
of the atmosphere, hydrosphere, and lithosphere. It covers
topics on climate change, stratospheric ozone depletion, air
quality and pollution, natural water and water pollution, toxic
organic compounds, and toxic heavy metals. Local and current
environmental issues are discussed where applicable.
Pre-requisite: CHE365 ;

CIT210 Introduction to IT and Systems
3 Credits
This course introduces modern IT infrastructure and its role
in supporting service delivery in organisations. It introduces
operating systems, essential network and storage technologies,
including fundamentals of virtual, cloud-based systems, and
explains their impact on the performance, reliability, availability
and security of IT services. The theory is accompanied by
related practical exercises relevant to professional certification.

CIT295 Independent Study
3 Credits
The purpose of this course is to provide the student with an
opportunity for an independent study of an information systems
topic beyond what is covered in existing courses.

CIT300 Technical Communication
3 Credits
Provides an overview of the technical communication process and
distinguishes technical communication for the IT discipline
from other forms of communication. It introduces the
fundamentals of planning, drafting and editing professional
and technical texts, including proposals, reports, technical
presentations, and communicating effectively with stakeholders
orally and in writing. As teams are common in the IT
professions, communication in teams is also addressed.
Pre-requisite: EWS240 ;
Co-requisite: ARA320 ;

CIT305 IT in Global and Local Cultures
3 Credits
This course develops global awareness and communication
skills with a focus on the impact of information technology on
global and local societies. Topics include: ethics principles,
ethical reasoning, and professional codes of ethics; privacy
protection and the tradeoff between security and privacy,
changing communications paradigms; responsible speech,
intellectual property and its contemporary challenges; and IT
enabled crime and issues of crime in cyberspace.
Pre-requisite: CIT300 ;

CIT315 Operating Systems Administration
3 Credits
This course introduces concepts of Operating Systems (OS)
and its administration in a networked environment. Popular
operating system platforms such as Linux, Windows, and
Apple Mac OS X will be used as vehicles for this study.
Pre-requisite: SWE225 ;

CIT365 Database Systems
3 Credits
This course is centered around analysing and modelling
information requirements, converting conceptual models into
logical data models and applying normalization techniques
to ensure consistency and avoid redundancy. Design and
implementation of relational databases using an industrial-
strength database management system and SQL (Structured
Query Language) is the practical focus.
Pre-requisite: INS260 or CIT210 or INS261 ;

CIT372 Cloud Computing
3 Credits
This course provides an understanding of the concepts and
principles of cloud computing. Students will learn about
cloud computing concepts and technologies, develop and use cloud services, and become conversant with cloud platforms. Students will also examine critical issues in cloud computing such as security, privacy, business continuity, and deployment approaches.

Pre-requisite: INS260 or CIT210

CIT395 Independent Study
3 Credits
The purpose of this course is to provide the student with an opportunity for an independent study of an information systems topic beyond what is covered in existing courses.

CIT460 Systems Analysis & Design
3 Credits
This course details the systems development life cycle in terms of Planning, Analysis, and Design. Topics include analysing the business case, requirements modelling, data and architecture design, different development paradigms (agile, structured and object-oriented), and strategic development options. A twinned lab course (CIT461) provides hands on skill development through use of professional tools.

Pre-requisite: CIT365 ;
Co-requisite: CIT461 ;

CIT461 Systems Analysis and Design Lab
1 Credit
This course accompanies CIT460 Systems Analysis & Design. It provides hands on practice with requirements modelling and data modelling from the perspective of two different paradigms: object-oriented and procedural. It covers topics discussed in CIT460, such as: business case analysis; requirements identification and writing; data modeling; object oriented modeling; Unified Modeling Language (UML); systems architecture design; development strategies; and cost analysis.

Pre-requisite: CIT365 ;
Co-requisite: CIT460 ;

CIT466 Data Analytics
3 Credits
This course introduces the foundation concepts underpinning data analytics and knowledge discovery. This course equips students with the skills to use state-of-the-art tools and techniques for effective business decision-making. Building on the student's database knowledge, data mining tools will help in finding clusters and patterns of relationships in datasets. Clustering, classification, and regression will be among the core topics of this course.

Pre-requisite: CIT365 ;

CIT470 Applied Database Systems
3 Credits
This course develops an understanding of the fundamental concepts of Oracle, the client/server Oracle architecture, and an overview of Oracle tools and utilities. The students will study a PL/SQL-Procedural Language, which will enable them to develop database business solutions using Oracle. The course is focused heavily on giving students a practical experience in developing and evaluating Web-enabled database applications using Oracle.

Pre-requisite: CIT365 ;

CIT480 IT Entrepreneurship
3 Credits
This course examines the concepts, practices, and challenges of IT entrepreneurship. It equips students with the knowledge and skills to develop and evaluate their creative and innovative ideas based on the assumption that students will be working in the private sector or developing new units within a government institution. The purpose of the course is therefore to apply entrepreneurship concepts to cultivate the mindset and skills to start an IT enterprise and/or develop new units within IT organizations. Topics cover preparation of a full business plan taking into account legal, financial, marketing, social and ethical aspects relevant to initiating IT ventures.

CIT490 Internship
3 Credits
The internship provides the student with an on-the-job experience at a local company or government organisation. It offers students the opportunity to apply their knowledge and skills in real-life work environments and allows them to gain practical, professional and hands-on experience in the IT field. Students follow an agreed work plan over a defined period and are monitored by a supervisor on site. Students send reports to their university supervisor on a regular basis summarising their weekly activity. At the end of the period, students write and present a critical reflection on their internship experience and how they achieved their learning outcomes.

CIT495 Independent Study
4 Credits
The purpose of this course is to provide the student with an opportunity for an independent study of an information technology topic beyond what is covered in existing courses and in more depth than level 200/300 independent study courses.

CIT497 Special Topics in Information Technology
3 Credits
The purpose of this course is to provide an opportunity for an in-depth treatment of an information systems topic beyond what is covered in existing courses.

CIT499 Senior Project
3 Credits
This is a capstone course in which student teams (2-3 students) complete a substantial “real-world” project that may be provided by sponsors drawn from private or government organisations in the UAE. Projects are developed under the direction of the course instructor and may include members of the sponsoring organisation. The execution of each project normally encompasses the following phases: requirements analysis, design, implementation, documentation and release of a developed IT product or service.

COM209 Foundations in Media Writing
3 Credits
Combined lecture and lab course to develop and enhance students’ language skills for communicating effectively and confidently in English across all media environments. The aim is to equip students with the linguistic tools necessary for thinking and developing as media professionals. Students will expand their vocabulary and learn how to deal with grammatical issues related to media writing in print, broadcast and online platforms.

COM210 Introduction to Media Storytelling
3 Credits
Combined lecture and lab course that introduces students to practical reporting and writing. This course integrates critical thinking, creative thinking, and basic AP writing and production skills for nonfiction storytelling through words, photos, audio, & video.

COM212 Digital Storytelling
3 Credits
Combined lecture and lab course that integrates critical thinking with professional media skills needed for exploring the creative challenges in mixed-media communication for non-fiction and/or fiction contexts; emphasis on matching audience, content and platforms and use of multiplatform tools and concepts.

COM220 Professional and Public Speaking
3 Credits
An exploration of the relationship between public speaking and persuasion. Theoretical perspectives and empirical evidence about what makes messages persuasive will be covered. Students will develop an understanding of the fundamentals of public speaking and learn how to speak confidently and effectively as well as deliver a persuasive message in a variety of public speaking situations.
COM240  Media Law and Ethics  
3 Credits  
This course examines ethical and legal issues while gathering, framing, and circulating media content. Students will incorporate the accepted moral and ethical norms within the society as a guide to make best possible media decisions for their respective audiences. They will develop an understanding of the moral and legal obligations while practicing communication. Topics covered in this course include media content regulation, freedom of speech, defamation, copyright, privacy, and ethics for media practitioners.

COM280  Applied Digital Communication  
3 Credits  
An examination of strategies and technologies used for new media composition as well as the cultural factors which shape new media communications. Students will use the tools of digital storytelling, including a variety of interactive digital media technologies to produce strategies and online presentations of journalistic content.

COM311  Zayed Media Lab I  
1 Credit  
Introductory professional practicum. Will involve supervised work for campus media or special projects for concentration areas such as converged media, visual media, integrated strategic communications and tourism and cultural communications.  
Pre-requisite: COM210 and COM280;

COM312  Zayed Media Lab II  
1 Credit  
Advanced professional practicum. Students will apply the technical and new conceptual knowledge learned in COM280 and COM311 to produce an interactive media production focusing on their area of study  
Pre-requisite: COM311; COM280;

COM360  Applied Media Research and Analysis  
3 Credits  
The course focuses on making communication decisions through collecting, examining, and analyzing information and data from both primary and secondary resources to attain optimal results. Students will learn about creating measurable research objectives, sampling techniques, selecting appropriate research designs, and effectively analyzing data.

COM441  Communication and Media Law  
2 Credits  
Legal comparative concepts and principles including prior restraint, libel, privacy, contempt and access as they relate to print, broadcast, advertising and other areas. Focus on legal concepts as they apply to the U.A.E.

COM490  Internship  
3 Credits  
Supervised professional work experience in a media organization or in the media department of an appropriate organization in a field that is similar to a student’s concentration. Externships require the approval of the College.

COM495  Independent Study  
3 Credits  
Independent study enables students to study material, pursue projects and/or conduct research in Communication and Media Sciences not available through regularly scheduled courses.

COM497  Special Topics in Communication and Media  
3 Credits  
Special topics and issues related to communication media. Integrated strategic communications and tourism and cultural communications.

ECE207  Early and Middle Childhood Development  
3 Credits  
This course focuses on the stages of human development and learning from birth to age 11 years. The course focuses on the inter-relationship between the domains of development: physical, intellectual, emotional and social. The course emphasizes the growth and behavior of young children according to theories and research in child development, both historical and contemporary, and with reference to the influence of family, peer group, educational context and community/culture. The course emphasizes the importance of sociocultural factors in child development, and takes both a local and global perspective from a developmentally appropriate stance. The Early Childhood Learning Center (ECLC) provides a rich backdrop for students to observe child development across a range of young children in conjunction with this course.

ECE314  Early Childhood Program Models  
3 Credits  
This course continues the study of the developmental needs of infants to 8 year-old children in the school context by examining various approaches to the creation of quality learning environments in the context of early childhood curriculum models taking into consideration local and NAECY’s developmentally appropriate practice, supportive quality teaching and respect of children’s diverse needs.

ECN201  Foundations of Microeconomics  
3 Credits  
Introduces students to trade-offs that must occur in daily socioeconomic transactions in order to allocate scarce resources.  
Pre-requisite: MTH212 or MTH118;

ECN202  Understanding Macroeconomics  
3 Credits  
Study of economy-wide phenomena, including inflation, unemployment, the monetary system, economic growth, monetary and fiscal policies.  
Pre-requisite: ECN201;

EDC221  International Systems of Education  
3 Credits  
Comparative study of education in Arab-Islamic and Western societies, with emphasis on cultural and social factors in the 21st century.

EDC316  Parents as Educators  
3 Credits  
This course explores developmental topics and parenting practices of families in the U.A.E. and around the world, as well as family life education. The role of parents as first and continuing educators of their children will be studied. The study of the relationships between the child, and his/her development, and the development of collaborative relationships with parents, school, and family. Challenges, social values and contemporary issues faced by parents and families in today’s society are discussed. Special attention is given to the systems theory as it applies to the family.  
Pre-requisite: ECE207;

EDC321  Classroom Management  
3 Credits  
This course focuses on issues of proactive, responsive, and supportive methods of behavior management in the classroom. Students develop effective rules and procedures to minimize student misbehavior and learn to reinforce positive behaviors. This course is blocked with the other co-requisites to provide an integrated experience in a school environment. This type of experience supports candidate development of confidence in the classroom and school, and the ability to work with the complexities of today’s modern school environments. The focus on data driven decision making in planning, implementing and assessing student development and achievement levels focuses the work of teachers and social workers throughout the experience. Students work with university faculty in public and private schools for full school days over a period of six-seven weeks the implement the accumulation of knowledge, skills and dispositions of teachers and school social workers.

EDC323  Integrated Curriculum for Early Childhood  
3 Credits  
Development and implementation of integrated curriculum for young learners in kindergarten and elementary grades, applying UAE Standards and developmentally appropriate principles which facilitates children’s cognitive, physical, emotional social and creative development.
EDC335 Admin of Education Programs
3 Credits
Course focuses on how programs are administered and implemented and the role and functions of those who administer programs, including organizational structure and governance.

EDC350 Education Studies I: The Learner
3 Credits
The course focuses on how children and adult learn and remember. Students will review learning theories in classroom applications and form the foundation of how knowledge and skills are acquired and lead to sound decisions as a teacher. Students will review principles of learning and will have opportunities to consider these principles in light of their own and others' learning experiences. Students will be introduced to the ideas of individual difference and how to differentiate instruction. Students will have opportunities to solve problems, consider instructional strategies, and develop constructs for learning. The course includes a parallel practicum that allows candidates to formally observe learning and learning theory in practice, identify features of effective instruction, and relevance of motivation in learning.
Pre-requisite: ETC460;

EDC351 Education Studies II: The Teacher
3 Credits
This course and practicum is a study of teaching in relation to learners and professional responsibilities and obligations such as planning and assessment. The teacher candidate will focus on contemporary issues affecting the classroom teacher in the UAE. The course provides students the opportunity to integrate theory and practice through working with learners and teachers in classrooms scaffolded by their professor and a mentor teacher.
Pre-requisite: EDC350;

EDC353 Principles and Practices in assessment
3 Credits
Current theories, issues and approaches in assessment in the UAE are explored, focusing on the development of appropriate student assessment policies and procedures for the upper primary and preparatory classroom. Students will have the opportunity to develop skills of critical analysis of student assessment and reporting policies and practices pertinent to their subject areas in the upper primary and preparatory classroom. The course is blocked with EDC321—Classroom Management, EDC450/EDC480—Education Studies III: The Curriculum, ETC460—Learning Technologies, and SPE465—Teaching students with Special Needs. Together these courses engage candidates in integrated assessments and embedded practice in the classroom to develop confidence in working in the complex environment of the school and in managing a range of issues represented in these courses during teaching. Candidates have an opportunity to examine the interconnectedness of learning and assessment and the role of assessment data in planning.

EDC355 Development Reading & Writing in the Content Areas
3 Credits
Study of literacy development in different content areas. Students learn how to adapt existing materials and how to develop materials and how to develop materials to meet the learning needs of students they will have in classes.
Pre-requisite: APL354 and APL341;

EDC366 Introduction to Research in Social Work and Human Services
3 Credits
This course is an introduction to research methods. Students will learn how to locate, read, understand critique and use the results of research to become effective professionals and make practice decisions based on research. Students will also learn how to develop and implement basic research methods that enables them to examine client and community needs, improve practice and contribute to organizational knowledge.

EDC380 Practicum I
3 Credits
This laboratory course focuses on observing how children and adults learn and remember based upon the knowledge developed during its companion course, EDC350. Candidates will observe and analyze learning theories in classrooms and form understanding of how knowledge and skills are acquired, are recognized in practice and lead to sound decision making as a teacher. Candidates will be introduced to the ideas of individual difference and how teachers differentiate instruction. Candidates have opportunities to observe teacher problem solving, consider instructional strategies, and develop constructs for learning. The course includes a parallel practicum that allows candidates to formally observe learning and learning theory in practice, identify features of effective instruction, and the relevance of motivation in learning.
Pre-requisite: EDC350;

EDC390 Practicum II
3 Credits
This laboratory course is a study of teaching in relation to planning for instructional experiences and professional responsibilities and obligations. The course focuses on how programs are administered and lead to sound decision making as a teacher. Basic computing skills are enhanced through examination of practical applications in school settings. Learning theories and how they relate to computer technology learning and use are explored, as well as the potential of technology to enhance teaching and learning.

EDC450 Education Studies III: Curriculum Design
3 Credits
This course examines curriculum planning, implementation, and evaluation including issues of scope sequence, and articulation. The main topics include the fundamentals of curriculum design in relation to decision-making processes involved in teaching, and effective instructional planning. The candidates will explore the characteristics of an effective teacher. Candidates will investigate selected international curricula in comparison with curricular design for continuous improvement in the UAE. On-campus course time is combined with extensive off-campus supervised experiences in schools that is defined as EDC480. The course is a blocked laboratory experience with its companion courses. Together these courses allow candidates to engage in integrated projects and assessments, while engaged in embedded practice in the classroom to develop confidence in working in the complex environment of the school and in learning to manage a range of issues that occur almost simultaneously that are represented in these courses during teaching.
Pre-requisite: EDC351; EDC390;
Co-requisite: EDC480;

EDC453 Teaching Science
3 Credits
Foundational concepts of teaching science, process skills misconceptions, research, and the integration of science with other subjects, including literacy. Students will develop skills in the teaching of science.

EDC480 Practicum III
3 Credits
Practicum III continues a program of supervised observation and interaction in a school setting and provides opportunities for students to take increasing responsibility in the classroom through observation of mentors, children, and school communities, and engage in planning, teaching, and assessment in small group and whole class contexts. Students will also critically reflect on their teaching practice. The course is a blocked laboratory experience with its co-requisite courses, EDC353—Assessment in the Content Area, EDC450/EDC480—Education Studies III: The Curriculum, ETC460—Learning Technologies, and SPE465—Teaching students with Special Needs. Together these courses engage in integrated assessments and embedded practice in the classroom to develop confidence in working in the complex environment of the school and in managing the complex range of issues represented in these courses during teaching.
Pre-requisite: EDC450; EDC390;
Academic Courses

**ENV240 Principles of Environmental Sustainability**

3 Credits

The course examines the complex relationship between humans and the natural environment. The principles of sustainability will be reviewed and their application to energy, climate change, urban planning, transportation, water use, ecosystem services, and social equity will be considered. Examples from both developed and developing economies will be discussed and compared.

**ENV241 Earth Systems**

3 Credits

The course provides an overview of the physical processes governing environmental systems, from lithosphere to hydrosphere to atmosphere. Physical science perspectives on contemporary debates such as water resources, energy, and climate change. Students will also learn advanced Geographic Information System software techniques for the purposes of collecting, plotting and analyzing geospatial data and the interpretation of physical and chemical characteristics of the Earth's changing landscape using remote sensing imagery.

**Pre-requisite: GEN195 ;**

**ENV360 Environmental Policy and Economics**

3 Credits

This course provides an overview of the policy-making process, enforcement and regulation, the behavior of interest groups and stakeholders, and the actions of policymakers. Students will be able to understand and critique the current policy responses to some of the major environmental issues of our time, including climate change, water pollution, deforestation, and the loss of biodiversity. Local and international case studies will be discussed and compared. The course will also explain key economic concepts in the context of environmental problems, including market forces, environmental evaluation, cost-benefit analysis, and international trade.

**Pre-requisite: MTH281 ; ENV240 ;**

**ENV371 Introduction to Environmental Health**

3 Credits

This course introduces students to the fundamental concepts of human health risk assessment process involving toxicological principles as applied to the study of hazard assessment, dose-response assessment, exposure assessment, risk characterization. Case studies examples will illustrate the applications of risk assessment process, toxicology; convey the complexity of risk assessment and the challenge of data collection, monitoring.

**Pre-requisite: BIO202 ; CHE202 ;**

**ENV470 Water and Solid Waste Management**

3 Credits

Students will study the principles involved in management of the collection, retention and treatment of water supply, wastewater, and solid waste in industrial and municipal facilities. Innovative and environmentally sound management aspects, such as recycling and design optimization, will be stressed.

**Pre-requisite: CHE202 ; BIO372 ;**

**Co-requisite: ARS360 ;**

**ENV474 Energy and Sustainability**

3 Credits

This course provides an overview of energy issues in the context of global and local sustainability. Energy demands for transportation, residential, and commercial uses are presented, and strategies for demand reduction are discussed. Major potential sustainable energy sources will be presented, including solar, wind, hydroelectric, geothermal, and bio-fuels, in addition to conventional oil, gas, coal and nuclear technologies. Issues associated with carbon capture and energy storage will be discussed. This course will address many technical and scientific aspects of energy, as well as policy and economic considerations. Energy issues specific to the U.A.E. will also be discussed.

**Pre-requisite: ENV240 ; ENV241 ;**

**ENV477 Case Studies in Environmental Hazards**

3 Credits

Carefully chosen case studies in natural and human-made hazards will be analyzed in terms of causation, effects, mitigation, and management. The focus refers to the health of the individual and immediate and long-term implications of such hazards.

**Pre-requisite: ENV241 ; ENV360 ;**

**ENV490 Internship**

3 Credits

Internship provides professional experience for Environmental Science and Sustainability students in a challenging but supportive working environment of their choice. It enables students to enhance their interpersonal skills, increase self confidence and apply knowledge and skills gained at Zayed University in a professional setting.

**Equivalent Course: PST490 ;**
ENVS C 491 Senior Project
3 Credits
The Senior Project is a culminating experience requiring students to synthesize and integrate knowledge acquired in their coursework and other learning experiences. They will apply theories and methodologies in a situation that has relevance to some aspect of environmental science and sustainability practice or research. Students work individually while being mentored by faculty and take primary responsibility for identifying and defining a problem, developing a suitable approach and methods needed to address the problem, implementing the project and presenting their findings in both oral and written forms. Students are encouraged to engage with partners in the community where appropriate or beneficial.
Pre-requisite: PHN466;

ETC 460 Learning Technologies
3 Credits
The course addresses the principles underlying current uses of technology in K-12 content areas. Potential educational applications of a variety of technologies in content areas, the ethical and social implications of using computer technologies and the problems and challenges inherent in the use of technology are addressed. Students are encouraged to develop critical perspectives about the uses of technology for education, as well as expertise in e-learning and m-learning. This course is taught as a block in the semester prior to student teaching. During this embedded experience in schools, the candidate identifies technology use and capacity in the school, ways to infuse technology into programs, regardless of connectivity and access to specialized equipment, and to consider the role of technology to support assessment and instruction.

EWS 222 English in the Professions I
3 Credits
The course involves discipline and genre-specific language study so as to help ensure systematic language development in the majors. The course will be offered to disciplines with shared needs in text analysis and skills development in writing and therefore may be offered as a cross-development requirement. Focused on English skills development, the course will draw upon profession-specific text types for the development of the Reading and Writing component of the course.

EWS 223 English in the Professions II
3 Credits
EWS 223 is designed to meet the needs of students who have taken EWS 222 and at the same time accommodate those who are direct entry to the course. The course will continue to develop genre-specific language as it focuses on the outcomes and systematic language development of the majors. The course will be offered to disciplines with shared needs in text analysis and skills development in writing and therefore may be offered as a cross-development requirement. Focused on English skills development, the course will draw upon profession-specific text types for the development of the Reading and Writing component of the course. At the same time, the course will draw on genre-specific materials to ensure the development of the required academic speaking and listening skills. The course will include an underlying study skills focus to ensure that students develop skills not only for the specific course but that will sustain them throughout their careers as students and further.
Pre-requisite: EWS222;

EWS 240 English Composition III
3 Credits
EWS 240 builds on skills and understanding established in earlier courses, especially GEN 410 and GEN 145, and is particularly relevant to the Zayed University goals of critical thinking, information literacy, and language proficiency. In EWS 240, students will: 1) learn to develop balanced arguments in the form of academic writing; 2) be taught to think critically about information and evidence and to become better information users; and 3) develop research strategies. In this course, the students will be guided to choose research topics from themes designated by instructors. Students are encouraged to explore areas relevant to their future studies and career interests.
Pre-requisite: GEN145;

EWS 322 Creative Writing: Experiments in Genre
3 Credits
This course provides students with opportunities to use traditional and contemporary forms in fiction, poetry, and nonfiction prose. Models for each genre provide structures on which the student can develop individual writing proclivities and a "voice." Revision, editing, and reworking of ideas receive substantial emphasis.

EWS 331 Introduction to Linguistics
3 Credits
This course introduces students to the basic concepts that define the various systems of language: phonetics, phonology, morphology, syntax, semantics and pragmatics. It also examines the social and cultural aspects influencing language use in the classroom, as well as in everyday life.

EWS 335 Implicit English Grammar
3 Credits
This course examines the structure of English sentences and texts in order to discover implicit grammar rules. In the process, students learn how to analyze language structure and how varying the structure conveys different meanings.

FIN 208 Introduction to Finance
3 Credits
Introduction to corporate financial management focusing on basic concepts, techniques, and practices. Topics include financial institutions and markets, interest rates, cash flow, financial statement analysis, time value of money, risk and return, stock and bond valuation, cost of capital, capital budgeting, long-term financing, dividends, financial planning, and working capital management.
Pre-requisite: MTH212 and ACC202;

FIN 420 Corporate Finance
3 Credits
Application course in which financial concepts and analytical techniques are applied to various corporate business decisions. Course expands the depth and scope of material covered in FIN308.
Pre-requisite: FIN308;

FIN 421 Financial Planning and Forecasting
3 Credits
The course focuses on the structure and benefits of financial planning and forecasting. Also, it will introduce and integrate various models that are useful for financial planning and forecasting.
Pre-requisite: FIN420;

FIN 422 Financial Markets
3 Credits
This course focuses on functions and development of financial markets, debt, equity and derivative security markets, efficient capital markets, and international markets.
Pre-requisite: FIN308;

FIN 424 Investments
3 Credits
Covers investment markets, investment information, risk and return, stocks, bonds, preferred stock and convertible securities, options, commodities and financial futures, mutual funds, real estate and other tangible investments, taxes and investing, international investments, and portfolios.
Pre-requisite: FIN308;

FIN 425 Commercial Banking
3 Credits
It is focused on management and performance evaluation of commercial banks, financial markets, and financial institutions. Explores how financial institutions in general and commercial banks in particular manage different types of risks and how the performance of commercial banks can be evaluated.
Pre-requisite: FIN422;

FIN 426 Islamic Finance and Banking
3 Credits
This course is an introduction to the study of Islamic Banking and Finance. Its aims are to develop an appreciation of the Sharia compliant financial products and the rationale for the prohibition of Riba (usury) in Sharia compliant financial instruments. The course will look in detail at the financial techniques applied by Islamic banks with detailed analysis of risk sharing concepts (PLS model).
Pre-requisite: FIN424;
FIN427 International Corporate Finance
3 Credits
This course considers financial issues associated with the operation of a firm in the international environment. Topics covered in the course include foreign exchange market, exchange rate determination, foreign exchange exposure management, international capital budgeting, cost of capital, capital structure, and working capital management.
Pre-requisite: FIN420;

FIN428 Portfolio Management
3 Credits
This course focuses on asset allocation, portfolio theory and applications, major approaches to portfolio construction and portfolio performance evaluation.
Pre-requisite: FIN424;

FIN429 Financial Derivatives
3 Credits
The course provides an introduction to current primary derivative securities and their respective markets. Topics to be covered include no-arbitrage-based pricing, binomial option pricing, the Black-Scholes option pricing model, pricing of forwards and futures, hedging with derivatives, and portfolio insurance.
Pre-requisite: FIN424;

FLS360 Film and Literature
3 Credits
This course examines the connections and interplay between works of film and works of literature. Studying the relations and tensions between film and literature over time and in different regions, students learn how these forms of cultural and individual expression influence and respond to each other. The course equips students with tools to dissect and theorize cinematic and literary forms. It considers techniques pursued, similarly and differently, by writers and filmmakers to craft narratives, depict people and places, develop style, and raise questions for society. Students study genres of film and literature separately and comparatively. Students may also consider cinematic adaptations of literary works to explore cultural, artistic, and philosophical questions of translation, interpretation, and commensurability.

FLS361 World Cinemas
3 Credits
This course will examine the relationship between cinema and culture in different societies around the world. Using an interdisciplinary approach, the course will explore the aesthetics of cinema as art and its relation to other artistic forms as well as the historical contexts of movie-making and movie-watching. Topics include post-colonialism and articulations of national identity, constructions of gender and race, concepts of good and evil, and censorship. Notation for area: a) Europe b) Americas c) Middle East d) Africa e) East Asia f) South and Southeast Asia.

FLS363 Drama
3 Credits
Theatre unfolds in a unique communicative setting between presentation and representation. Bringing actors, audience, and often writers together in the same space, it becomes an exploration of social, political, and artistic developments. The course focuses on diverse styles of drama from various global traditions and settings. Students contemplate the notion of performance. The course considers a selection of some of the most innovative plays from different eras in their respective socio-political milieus, while paying particular attention to the transition of drama into theatre and from representation to performance, and hence to the aporetic space that defines theatre. Where possible, students will see and study dramatic productions within the U.A.E. Where possible also, students will play active roles in making their own productions—for example, by writing and staging a play or performance on a subject of their choosing.

FLS364 Modern and Contemporary Literature
3 Credits
This course explores literary works from 1800 to the present, paying particular attention to the relationship between literary texts and their historical, intellectual, and cultural contexts. The course structure is designed to permit flexibility in terms of period, specialization, and cultural tradition. The period may include nineteenth- or twentieth- and twenty-first-century literature, or a selection from different periods. Special interests also extend into various areas, including aestheticism, nineteenth-century colonialism, Victorian social criticism, modernism, avant-garde/Dadaism/surrealism, travel literature, war literature, postmodernism, and postcolonial literature. Literary works may be drawn from Western and/or non-Western cultural traditions.

FLS365 The Novel
3 Credits
This course examines the novel as creating new narratives of self, society, and culture. Literary historians have argued that the genre, especially the novels of the 18th and 19th centuries, helped shape public opinion on many controversial matters. The revolutionary potential of the novel was increased by an emerging print culture, lending libraries, and the serialization of novels in popular magazines and journals, opening up literature to a wider audience. That the modern novel, more so than any other genre, was penned by women and working-class writers is evidence of its democratizing potential both in terms of authorship and audience. The course affords flexibility in terms of literary and cultural focus, alternating between in-depth immersion in one time period and cultural tradition and comparative analyses of the genre across time and cultures.

FLS366 Classical Literature
3 Credits
The literary texts of Classical Greece and Rome frame contemporary local and global discussions of history, the relationships of individuals within society, cosmopolitanism, citizenship, self and communal governance, statecraft, education, ethics, law, rhetoric, aestheticse, epistemology, logic, the literary genres of Epic, Tragedy, Pastoral, Comedy, and the arts associated with Drama, modern philosophy, archaeology, hermeneutics, and both the Continental and Anglo-American philosophical traditions. This course will examine the origins of the ideals and problems that continue to govern conversations between cultures, and of what it is to be human, within the texts of the Classical world.

FLS367 World Poetry
3 Credits
This course exposes students to poetry from various cultures and literary, social, and historical traditions. It seeks to refine students’ skills in appreciating and analyzing poetry. The course helps students understand the unique place of the poem among other forms of literature and expression, focusing particularly on poetry’s distinct and intense use of language. Students reflect on how poetry provides a distinct lens on the self, society, and the world. The course may be organized by specific themes or by focusing on poetry from particular regions of the world.

FLS368 World Fiction
3 Credits
Examining multiple forms of fiction—such as short-stories, novels, plays, and poetry—this course exposes students to fiction from different parts of the world. It pursues the study of world fiction singularly and comparatively. Students work at locating texts, genres, and writers in political, cultural, and historical contexts, understanding how literature reflects, challenges, influences, and rebuffs society. The course may be structured around specific themes or particular historical periods, or may focus on fiction from a specific world region.

GEN030 Arabic Preparedness Level 1
0 Credit
Students focus on enhancing their proficiency in Arabic and developing basic skills in listening, reading, speaking and writing in Modern Standard Arabic so that they can progress to GEN031 before being accepted in GEN130.

GEN031 Arabic Preparedness Level 2
0 Credit
Students focus on enhancing their proficiency in Arabic and developing basic skills in listening, reading, speaking and writing in Modern Standard Arabic so that they can succeed in GEN130.

GEN110 Data Management and Analysis
3 Credits
This course, Data Management and Analysis, is a first semester course. It is an introduction to management and analysis of data in which students will represent data graphically, describe
and interpret graphical and numerical representations of data sets, compare data sets using data analysis, and draw relevant conclusions about the populations from which the data sets are taken. This course is designed to provide students with a solid background in statistics, whilst developing their critical thinking and quantitative reasoning. Students will use appropriate computer software to graph, analyze and interpret data. Real life situations which students will apply statistical concepts are taken from a variety of subjects.

Pre-requisite: MTH101 or Placement Score;

GEN11 Modern Applications of Mathematics
3 Credits
This course, Modern Applications of Mathematics, a second semester course, will focus on ideas from modern mathematics that are used to model natural and social phenomena. Such mathematical ideas are used to solve a variety of problems in industry, science and engineering, and society. This course will build the students’ foundational knowledge for future endeavors. It will develop the students’ abilities to write reasoned mathematical arguments, use appropriate technology to solve problems, and expose students to the history and development of mathematics for awareness and appreciation.

Pre-requisite: GEN110;

GEN12 Mathematical Modeling for Business
3 Credits
This course is designed to provide students with a broad general education in quantitative reasoning and critical thinking. It will also provide a foundation for the development of their ability to connect visually and conceptually the business, economics, and science programs. The course will focus on analytical reasoning and thinking to solve real world problems in business, finance and economics. The content of the course will be delivered through classroom activities and projects to introduce the students to various topics. For some topics or case studies, data can be taken from primary sources connected with courses in Business Science programs. In each area, knowledge, analytical skills, critical thinking and understanding will be developed using relevant examples for discussion, analysis and interpretation in class with follow up exercises or assignments of a similar nature to be done individually or in groups outside the classroom.

Pre-requisite: GEN110;

GEN120 Life Skills
3 Credits
This course guides students through the process of understanding and planning for personal success through goal setting, self-assessment, reflection, and self-management. In preparing students to be future leaders in their country, students are required to identify ways in which they can contribute to their local society. They must research a topic related to the UAE and then provide service to the area of the community related to their topic. Students will then learn how to demonstrate effective, efficient, and competent skills, and to apply them for employment. Academic skill development and advising are ongoing throughout the course (including advising regarding intention to major). Students will be expected to use and interact with various types of technology in this course.

GEN130 Arabic Concepts
3 Credits
Arabic Concepts (GEN130) is an Arabic language course that aims to advance the students proficiency in writing, reading and speaking skills, through critical engagement with selected multidisciplinary texts. The texts are organized in five units as shown in the schedule below. Each text is followed by interactive questions and drills. At the end of each unit, the student will also have the chance to review some basic linguistic skills, compare data sets using data analysis, and draw relevant conclusions about the populations from which the data sets are taken from a variety of subjects. This course is designed to give a historical background about the Islamic civilization. It begins with discussing the major turning points in Islamic history from the emergence of Islam until the Western colonialism of the Muslim world. It discusses the pattern of interaction and the mutual influence between the Islamic civilization and the world’s major civilizations such as the Persian civilization, Greek and Roman Civilizations, and Indian and Chinese Civilizations. The course traces the scientific and artistic contributions of the Islamic civilization, on the one hand, and it acknowledges the contributions of the other world major civilizations to the scientific common heritage of human civilization, on the other. Taking into consideration the status of the Zayed University’s programs to some of their work, the objectives of the course are as follows: 1. Deepening the students’ knowledge of various aspects of the Islamic Civilization and, consequently, 2. Fixing firmly the sense of identity and building up a cosmic vision that may place the Islamic identity within a wider global perspective containing all different civilizations and cultures. 3. By this, students may gain better understanding of their own culture and society traditions within a global framework, and as a result, gain more self-confidence and capability to interact with the ‘other’ and to take part in serving humanity as a whole.

Pre-requisite: GEN130;

GEN136 Islamic Civilization I for Non-Native Speakers
3 Credits
This course is an introduction to the Islamic civilization. It discusses various disciplines conventionally known as Islamic Studies, and covers essential topics such as their definitions, limits, basic issues, major branches and schools, and relations to other disciplines. The focus is on approaching Islam as a living religion and reality, rather than a dogma or a mere source of glorifying the past.

Pre-requisite GEN130;

GEN140 English Composition I
3 Credits
GEN140 English Composition I introduces students to academic reading and writing strategies and practice. It provides instruction and guided practice in university-level reading and writing skills, with emphasis on the reading and writing connection and understanding of the rhetorical context of the texts. Students will build the students’ foundational knowledge for future endeavors, including the status of the Zayed University’s programs to some of their work. The objectives of the course are as follows: 1. Deepening the students’ knowledge of various aspects of the Islamic Civilization and, consequently, 2. Fixing firmly the sense of identity and building up a cosmic vision that may place the Islamic identity within a wider global perspective containing all different civilizations and cultures. 3. By this, students may gain better understanding of their own culture and society traditions within a global framework, and as a result, gain more self-confidence and capability to interact with the ‘other’ and to take part in serving humanity as a whole.

Pre-requisite: GEN130;

GEN145 English Composition II
3 Credits
GEN145 English Composition II requires extensive reading and writing skills development with a focus on persuasive writing in various rhetorical contexts. The course provides instruction and practice in reading comprehension and text analysis. Students are required to implement persuasive strategies in written and visual genres. Students learn to identify and use persuasive modes of appeal, to summarize and paraphrase with increased competence and to develop persuasive compositions for specific audiences and purposes. The course empowers and empowers students to develop their rhetorical skills. The course prepares students for EWS240 English Composition III.

Pre-requisite: GEN140;

GEN150 Global Awareness I: Human Geography
3 Credits
As an interdisciplinary course with a contemporary world focus, GEN150 supports the Global Awareness Learning Outcomes. Goals of the course thus include encouraging students to develop informed responses to global concepts or issues, to examine global issues within the local context, and to understand the values of other cultures with empathy. In moving students towards these goals, GEN150 makes extensive use of approaches from the discipline of human geography. Simply put, human geography studies the earth, its people, and its environment. It asks “Where?”, “Why?”, and “How?” questions
about cultures, economies, the natural environment, and other objects of study. Examples of such questions include: Where are phenomena located and why? Why does location matter? How are different regions interconnected? How have societies modified the physical environment and what effect has that had on both the environment and society? What places do people value and why? The perspectives and tools that human geography provides are valuable in facilitating global awareness among our students. To name but a few topics this course may explore: how to resolve and prevent geopolitical conflicts; how to embrace the positive aspects of globalization while preserving local identities; and how to design cities that afford a good quality of life while being environmentally sustainable. With a geographic approach at its base, GEN150 as an interdisciplinary course guides students to synthesize knowledge from social sciences, humanities, natural sciences, and information systems technology. Students will develop important skills valuable in helping in preparing Emirati citizens to solve problems in an increasingly interconnected and complex world.

GEN155 Global Awareness II: Encounters: People, Places, and Traditions 3 Credits
This course provides a comparative analysis of how culture, economies and cities impact and are impacted by particular regions of the world. Moreover, the theme of encounters of people, ideas, and trade is understood within a historical context. Furthermore, the role of globalization and technology have enabled encounters to exist differently than in the past.
Pre-requisite: GEN150

GEN175 Introduction to Information Technology 3 Credits
This course prepares Zayed University students to be fully capable and informed 21st-century digital citizens by emphasizing essential IT knowledge, skills and perspectives. The course focuses and builds on the IT topics and domains covered by the UAE Ministry of Education Computer Science and Technology Framework, which is the basis of the IT curriculum in the UAE. The course covers the impact of IT on society and economy, as well as the security and privacy issues raised by IT. Students learn the hardware, software, networking and operation components of IT systems. The course also covers the basics of problem solving, algorithms and development of simple programs. Robotic kits are used throughout the semester as a tool to illustrate the way all these topics are connected.

GEN185 Methods of Scientific Research and Development 3 Credits
This course provides an introduction to research methods commonly used in social, physical and health sciences. Particular attention is given to formulating research questions, determining the appropriate method, planning and designing research, and collecting, analyzing, interpreting and presenting data. Students will be introduced to quantitative and qualitative modes of research and analysis, and attain research skills relevant to the professions in which they will work.

GEN195 Living Science: Health and Environment 3 Credits
GEN195 underlines the clear link between health and sustainability. This is targeted through the investigative study of social and behavioral health, and global health; demography, population health and environmental health. This course provides students the background necessary to understand specific health and environmental concerns facing the UAE, the world, and how they affect them at the personal level in their daily lives.

GEN220 Fundamentals of Innovation and Entrepreneurship 3 Credits
This course is a skills-rich approach to learning innovation and entrepreneurship that can be applied to any high-growth enterprise or other organization located in the UAE. Students will develop an understanding of the nature of entrepreneurship and its connection to the culture and economy of the UAE, and how innovation drives entrepreneurship. The course is composed of three modules: Module 1: Design Thinking; Module 2: Entrepreneurship; and Module 3: Growth and Leadership. The course encourages creativity, civic responsibility, team work, ethical decision-making, and critical thinking skills, leading to students being prepared to take their places as members of an entrepreneurial oriented workforce. The course culminates in generating entrepreneurial concepts related to students' professional development.
Pre-requisite: GEN120

GEN230 Islamic Civilization II 3 Credits
This course is to focus basically on the general frameworks of the Islamic Civilization, in order to introduce a comprehensive preview of the various aspects and tracks taken, or innovated, by this Civilization in its historic evolution. Therefore, the course is by nature an introductory one and dealing with a variety of highly varied issues, presenting a strong challenge to whoever may teach it. The instructor should first of all focus on the overall frameworks, general trends and basic issues, and present the various intellectual and doctrinal trends in the Islamic civilization. The course combines both the general absolute and the specific relative. Therefore, this course is supposed to be comprehensive and balanced, and, should simultaneously present the various aspects of the Islamic Civilization. It should also be balanced by equally presenting all different views and doctrines. Meanwhile, the major purpose of the course is to build an intellectual methodological framework that may take the students out of the romantic vision received through upbringing, and construct a rational one based on understanding, analysis and criticism. Any category should be considered true only when it has already been examined and scientifically criticized so as to give room to a variety of views, and at the same time to give these views legitimacy.
Pre-requisite: GEN135 or GEN136

GEN231 Islamic Civilization II for Non-Native Speakers 3 Credits
This course will focus basically on the general frameworks of the Islamic civilization in order to introduce a comprehensive preview of the various aspects and tracks taken, or innovated, by this Civilization in its historic evolution. Therefore, the course is by nature an introductory one dealing with a variety of highly varied issues, presenting a strong challenge to whoever may teach it. The course will focus on the overall frameworks, general trends and basic issues, and present the various intellectual and doctrinal trends in the Islamic civilization. The course combines both the general absolute and the specific relative. This course will be comprehensive and balanced by addressing all views and doctrines. The major purpose of the course is to build an intellectual methodological framework that will take the students out of the romantic vision they received through upbringing, and build a rational one based on understanding, analysis and criticism. Any category should be considered true only when it has already been examined and scientifically criticized so as to give room to a variety of views, and at the same time to give these views legitimacy.
Pre-requisite: GEN136

GEN255 Emirates Studies 3 Credits
This course seeks to consolidate national belonging and identity and appreciate national achievements of the United Arab Emirates. The course focuses in introducing students to the main social features of Emirati community and its core values and heritage, and elaborating various substantial studies related to the history and geography of the country, as well as to the internal and foreign policy, social development and services provided by the State, including the empowerment of women and their role in society. This course also aims to shed light on UAE role in building an Emirati knowledgeable society, encouraging multiculturalism, and developing solid economic and technological infrastructure, as well as positioning UAE at a global competitive level. The course also includes the future visions and challenges towards developing strategic plans as it will discuss Federal Government Vision 2021 and Abu Dhabi Vision 2030 and the different issues related to future development plans and the expected challenges.

HIS201 History of the United Arab Emirates 3 Credits
This course begins with a survey of the rich archaeological record of the area and what we consequently know of the prehistoric periods of human habitation. Then we will examine the historical events from the arrival of Islam, the latter incursions into the area by the Dutch, Portuguese and the British. Particular attention will be given to the influence exerted by the British is the political and economic life of the Trucial States. The crucial period of the 1950s and 1960s will be examined in detail as changes that occurred during those years shaped what would
become the federated United Arab Emirates. Important topics for reading and discussion will be the oil concessions, the rapid urbanization of the coastal cities, the influx of foreign workers, the globalized economy and the development visions of Sheikh Zayed and Sheikh Rashid.

HIS202 Archaeology: Knowledge and Methods
3 Credits
This course is an introduction to the theory and practice of archaeological research. Topics include the nature of archaeological evidence; techniques of archaeological investigations, including excavation, survey, and remote sensing; methods of dating sites and artifacts; and theoretical approaches to understanding ancient environments, political economies, ritual, technology and processes of social change.

HIS203 History of the Modern Middle East
3 Credits
HIS203 is a historical survey course that examines the emergence of the Middle East in the modern era, covering the time-period from the late Ottoman centuries to the present. The course deals with a range of historical developments, themes and issues that shaped the modern Middle East, including the legacy of the Ottoman Empire, the responses to the European challenge, colonialism, the impact of the two World Wars, Zionism in Palestine, the Arab-Israeli conflict, the rise of national states, the ideologies of pan-Arabism, the American role in the Middle East, the emergence of regional organizations, Arab nationalism, socialism, regime change, and regional conflict. It also discusses some key challenges facing the Middle East today, such as relations between the state and society, uneven development, GCC integration, and globalization. While the course deals primarily with political history of the Middle East, it also focuses on selected aspects of social and cultural history to illuminate the depth and complexity of the themes presented and issues considered in its coverage. This approach is augmented by the choice of course material that demonstrates the multiple perspectives in viewing and interpreting the modern Middle East, its history and legacies, and the lessons that can be drawn from them.

HIS204 History of the Twentieth Century
3 Credits
This course aims to provide students with a solid foundation for the political and economic history of the 20th century, on which they can base their further studies within the degree program in international studies. The course applies both a chronological and thematic approach to the study of the political and economic history of the 20th century. The chronological approach encompasses five eras: (a) the origins and consequences of World War I, (b) the rise of totalitarian regimes, (c) World War II (d) the Cold War era and the collapse of empires and (e) the post-Cold War period. The thematic approach explores five interrelated topics with significant bearing on the political and economic history of the 20th century: (1) science and technology, (2) economics, (3) political and social developments, (4) international relations, and (5) cultural trends.

HIS251 World History
3 Credits
This course will consider how social, economic, political and geographic formations have steered the course of progress and change in different regions across time. Through an exploration of the development of civilizations, the rise and fall of empires, patterns of settlement and migration, and cross-cultural exchange and trade, students will gain a better understanding of the legacies that have shaped the world’s most formative intellectual traditions.

HIS321 Heritage of the Gulf
3 Credits
The course focuses on the rich cultural heritage of the Gulf and the UAE in particular. Students will address issues of identification, conservation, and presentation of tangible and intangible culture, especially Arab-Islamic, and the management of archaeological and historic sites. Students will also examine the GCC Joint Cultural Development Plan and produce appropriate model programs for the individual states that will promote regional integration.

HIS381 Legacy of Sheikh Zayed bin Sultan al Nahayan
3 Credits
This course examines the life and legacy of Sheikh Zayed, the first president of the U.A.E., beginning with his work in the Al Ain area and then as Ruler of Abu Dhabi. Focus will be on his achievements in developing and urbanizing the country, his vision for the United Arab Emirates and his legacy of public service, historical knowledge and diplomacy.

HIS382 Archaeology of the Emirates
3 Credits
A survey of the archaeology of the U.A.E. that includes 3000 years of continuous human occupation with special focus on the Neolithic to Islamic Period. Topics will include the impact of environmental change on settlement type and location, development of agro-food industries, animal domestication, craft production, burial customs, and regional networks of trade, exchange, and cultural interaction.

HIS383 Archaeology Field School
3 Credits
In this ten week course, students will undertake a multi-stage of archaeological field research. Students will develop an excavation strategy; carry out 3 weeks of excavation or surface survey of an archaeological site, map the site, excavation units, and features; draw stratigraphic sections; and describe, analyze, and catalog artifacts in the lab. The end result of the course will be a collaborative report that explains and interprets the results of the excavation.

Pre-requisite: HIS202

HIS401 Political History of the UAE
3 Credits
This senior level course critically examines the period from 1968 to 2004 with in-depth analyses of the power relationship inherent in British hegemony in the Gulf. Critical attention is given to the British enforced isolation of the area; the Buraimi crisis, oil concessions, the final British withdrawal from the Gulf, and attempts to forge a post-British future. The rulers Sheikh Shakhbut of Abu Dhabi and Sheikh Saeed of Dubai will be studied in detail along with an analysis of how they are perceived and described by historians today. This course will also consider the multiple conflicting narratives of Emirati history and how such narratives co-exist in society today.

Pre-requisite: HIS201

HRM301 Human Resource Management
3 Credits
This course examines the role of human resource management within an organizational context. It introduces students to the major human resource functions such as staffing, training and development, performance management, compensation and employee relations. Covers job analysis, and the legal and environmental context of human resource management.

Pre-requisite: MGT309 or CIT300

HRM351 Organizational Behavior
3 Credits
This course examines the impact that individual and group behaviour has on organizational processes and outcomes. The core topics of the course include motivation, leadership, power, interpersonal skills, group structure and processes, learning, attitude development and perception, change processes, conflict, and work design. This course uses lecture sessions, experiential learning techniques, and Web-based materials to facilitate the understanding of the concepts of the course and to demonstrate their application in management situations typically encountered in organizations.

Pre-requisite: MGT309

HRM366 Human Resource Information Systems
3 Credits
This course examines how information system can be used to support the strategic and tactical aspects of human resources management. It covers the design, implementation and management of human resources information systems (HRIS). Emphasis will be placed on improved decision making and organizational effectiveness.

Pre-requisite: HRM301

HRM450 Compensation and Performance
3 Credits
This course examines the reward and performance strategies available to management and the role of the human resource manager in the compensation and reward process. It explores
the design and evaluation of performance management and reward systems, and the factors management consider when setting remuneration levels. It examines the processes available to management for the measurement of work and performance.

Pre-requisite: HRM301 ;

HRM451 Staffing 3 Credits
This course examines the staffing process in organizations. Topics include human resource planning, internal and external recruiting, methods of assessment and making hiring decisions. External factors such as the labor market and legislation will also be examined.

Pre-requisite: HRM301 ;

HRM452 Learning and Development 3 Credits
The course explores the strategic nature of human resource development, its relationship to individual performance and to organizational development. It explores characteristics of learning organizations and knowledge management practices to provide a context for HR development. It examines the skills necessary to undertake needs assessments, design, development, and implementation of training and development interventions.

Pre-requisite: HRM301 ;

HRM455 International Human Resource Management 3 Credits
The course explores the ways in which human resource management differs across national boundaries focusing on international trends and benchmarks. It will enable students to identify and understand how organizations manage their geographically dispersed workforces in order to leverage their human resources to achieve local and global competitive advantage. The focus is on HR as a strategic partner in managing the organization and its interaction with market competition.

Pre-requisite: HRM301 ;

HRM456 Management of Employee Relations 3 Credits
Examines the nature of conflict within organizations, particularly between labor (whether organized or not) and employers. Examines the role of the HR function in the process of establishing productive relationships between employees and employers.

Pre-requisite: MGT309 ;

HRM457 Organization Development and Change 3 Credits
This course presents the theoretical foundations of Organization Development (OD) and change management. It equips students with the knowledge and skills required to diagnose organizational systems, design and implement appropriate change interventions at the individual, group and/or organization level, and evaluate the effectiveness of these interventions. The course also explores the challenges of successfully managing change.

Pre-requisite: HRM301 ;

HSC460 Literature Seminars 2 Credits
The literature seminars will train students in reading and analyzing peer reviewed research papers, published internationally, within the field of public health and nutrition. The articles, will be discussed based on research methods, sampling, study design, ethical considerations, presentation of data including statistics. Students will, after completion of the seminars, be updated on the latest research published in the region, as a preparation for graduation.

Pre-requisite: PBH367 ; NUT440 ;

HSS353 Politics of Identity 3 Credits
This course examines the social, historical and political processes which have influenced identity formation in various regions of the world. The course will explore the intersection between religion, law, culture, gender, globalization and identity within the contexts of empires, states, diaspora communities and popular culture.
Academic Courses 2017-2018

IMT340  Computer Graphics  
3 Credits  
Concept and application of computer graphics and image processing are covered in this course. Students are provided with advanced training in powerful graphics software such as Adobe Photoshop and Adobe Illustrator, as well as image optimization for the Web and its application for Web publication. Topics include Web object animation; montage and combined images; differences among the various image file formats (GIF, JPEG, BMP, etc.); image types (Raster, vector, etc.), and color models (RGB, CMYK, etc.).

IMT345  Multimedia Systems  
3 Credits  
This course provides an overview of multimedia systems. Students examine how multimedia systems are used in industry, training, and education, and discuss guidelines for successful multimedia design and implementation. The course addresses the development and management of multimedia projects. Students create their own multimedia project using a range of media software tools.

IMT375  Human Computer Interaction  
3 Credits  
Human computer interaction stresses the importance of good interfaces and the relationship of interface design to effective human interaction with devices. Students will learn the fundamental concepts of Human-Computer Interaction and user-centered design thinking through working individually and in teams on interface design projects. Students will also learn to design and evaluate prototype applications based on psychological, social, and technical analysis. Accessibility, usability principles, and testing will also be discussed.

IMT376  Game Development  
3 Credits  
This course focuses on game development in the context of the modern digital entertainment environment. The course has a hands-on component of development of useful prototypes and adapting code to develop new games. Topics cover player psychology, game elements, software environments for developing games, game mechanics and interactivity.  
Pre-requisite: SWE225  

INS260  Management of Information Systems  
3 Credits  
This course introduces students to the main components and types of information systems and how organisations use various information systems to make decisions and remain competitive. Topics also include introductions to enterprise-wide systems, business processes, electronic and mobile commerce, knowledge management and business intelligence.

INS261  Enterprise and Information Systems Foundations  
3 Credits  
This course involves the foundation of business functions, processes, data requirements, development, and management of information systems for sales, marketing, accounting, finance, human resources, production, supply chain, and customer relationship management. This course comprising a mix of technical, business and social psychology issues focuses on how a business works, how information systems fit into business operations, how information systems of any type can be used to create organizational value, and how such systems can be successfully implemented.

INS361  Enterprise Resource Planning Systems  
3 Credits  
The purpose of this course is to provide a thorough understanding of the concepts and structures of Enterprise Resource Planning (ERP) systems including architecture, planning, design, operation and integration of enterprise systems. The course covers key business modules in ERP, including procurement, production, and fulfillment.  
Pre-requisite: INS260  

INS362  IT in Logistics and Supply Chain  
3 Credits  
This course introduces students to the conceptualization and management of logistics and supply chain management (SCM) systems and the use of modern information technologies (e.g., internet technologies, enterprise systems) to achieve competitive advantage and world-class business performance. 
Pre-requisite: INS361  

INS369  Business Process Management  
3 Credits  
This course covers how business processes are analyzed, designed, deployed, and sometimes redesigned for improvement needs. A business process is a set of activities that jointly realize a business goal in an organizational and technical environment. Business process management (BPM) is concerned with the concepts, methods, and techniques that support the analysis, design, administration, configuration, enactment, and change management of business processes. This course also incorporates a laboratory component using BPM software.  
Pre-requisite: INS260  

INS377  IT Project Management  
3 Credits  
The majority of information systems (IS) and information technology (IT) implementations are introduced into organizations through projects. This course covers the multidisciplinary skill required to successfully manage IS and IT projects addressing the administrative, technical, communication and socio-political demands placed on modern IS/IT project managers. Delivered through practical tutorials, case studies, and lectures, skills in task scheduling, budgeting, risk management, and budgeting are developed.  
Pre-requisite: INS260  

INS378  Geographical Information Systems  
3 Credits  
The course introduces the concepts and theory of GIS. The latter is essential to solving all spatial problems and developing any GIS application. Examples are the differing characteristics of map projections that may lend themselves to certain analysis but not other, basic data concepts that define what we can do with certain data types, and the correct selection of raster or vector data based on project requirements. This course attempts to fill these conceptual and theory gaps that exist. It shows how GIS should be employed and when it will not yield valid or useful results. A secondary goal of this course is to become familiar with GIS software to assist in future classes such as Applications in GIS and GIS development. GIS Software tools will be used to demonstrate various concepts discussed in class.

INS400  Green Computing  
3 Credits  
This course looks at ways in which computing can be altered to reduce, reuse, and recycle precious resources. The course examines the effects of computing on the environment and will assess ways to measure these effects. A primary objective will be learning how to quantify, measure, and assess the effects of computing on the environment. Topics to be investigated are power consumption, low-power consumption technologies, green data centers, virtual environments, and power-efficient large storage systems. The course will also assess the global ICT footprint, the ICT life cycle, networks, mobile devices, data centers, and application programs.

INS410  IT Audit and Control  
3 Credits  
The course introduces the general concepts of the information systems security, control and audit function. This course aims to provide skills on understanding information systems controls, audit, upcoming areas, the types of controls and their impact on the organization, and how to manage and audit them. The concepts and techniques used in information technology audits will be presented. Students will learn the process of creating a control structure with goals and objectives, audit an information technology infrastructure against it, and establish a systematic remediation procedure for any inadequacies. Use of information systems audit software will be introduced towards the end of the course, where the practical nature of the subject will be developed using software, cases and job simulation. The challenge of dealing with best practices, standards, and regulatory requirements governing information and controls is addressed. This course builds on the knowledge and skills the students have acquired in prior IS courses and will prepare the student adequately for the CISA certification.

INS463  Enterprise Systems Development  
3 Credits  
This course explores the selection, design, implementation
and management of enterprise IT solutions. The focus is on applications and infrastructure and their fit with the organisation. Students deepen their knowledge of frameworks and strategies for IT investment analysis, data/information and applications architecture, systems implementation, distributed computing, Service Oriented Architecture (SOA), security and network management in enterprise systems, as well as system maintenance and support. Students also hone their ability to communicate technology choices concisely to a general business audience.

Pre-requisite: CIT460;

**INS465 Knowledge Management**
3 Credits

Knowledge Management (KM) deals with all aspects of knowledge within the context of the organisation. This course introduces the concepts and terminology of knowledge management looking at the role of KM in organisations and the way it can transform them. Topics include knowledge creation, codification, sharing, and how these activities promote learning and innovation. In practice, KM encompasses both technological tools and organisational practices and their relationship to enhance organisational efficiency and effectiveness. Whilst the emphasis is largely theoretical, knowledge management processes, software (e.g., Prolog) and real-world case studies apply the ideas.

Pre-requisite: CIT365;

**INS467 Data Warehousing**
3 Credits

This course introduces students to the area of data warehouses, which are special databases built to handle large amounts of historical data for analytical purposes. The course gives a basic understanding of the core concepts of data warehousing dimensional modeling and Extraction, Transformation, and Loading (ETL) processes for decision support systems. The course introduces also students to some data warehousing managerial aspects. The course is reinforced with a study of several cases and their implementation in practice.

Pre-requisite: CIT365;

**INS468 IT Strategy and Governance**
3 Credits

This course exposes students to the impact of different types of information systems and their strategic value to the organisation. Core strategic concepts, and both resource-based and business process approaches are introduced. Information systems can support both different organisational designs and collaboration across value chains, and be strategically architectured to support an enterprise's operations in competitively advantageous ways. Evaluating IT investments and strategic decisions on sourcing, as well as how IT is directed and controlled will be covered as part of IT governance.

Pre-requisite: INS260;

**INS476 Data Science**
3 Credits

This course will introduce students to data science, a rapidly growing field, and equip them with the skills to use state-of-the-art concepts, techniques and tools for an effective support of business decision-making. Students will be introduced on how to deal with various facets of data science practice, including data collection and integration, exploratory data analysis, predictive modeling, descriptive modeling, evaluation, and effective communication. An emphasis will be placed on integration and synthesis of concepts and their application to solving problems. Real data sets will be used to improve the learning experience of students and expose them to real cases.

Pre-requisite: CIT466;

**INS477 Data Science Lab**
1 Credit

This course accompanies INS476, Data Science. It provides hands on practice using data science concepts, techniques and tools. It helps students putting their acquired knowledge into practice by practicing problem definition and elicitation, features selection, problem modeling, method selection, results evaluation, and solution development using an analytical tool.

Co-requisite: INS476;

**INS492 Emerging Technologies for the Enterprise**
3 Credits

This course allows students to explore the latest progress and development in the field of Information and Communication Technologies (ICTs) and to appreciate how organizations can capitalize on emerging ICTs to remain competitive and achieve business value. Because of the dynamic nature of the ICT field, topics covered in this course will vary from one semester to another and will be selected based on leading industry reports such as Gartner's annual Top 10 Technology Trends.

Pre-requisite: INS260;

**ISC251 Introduction to Integrated Strategic Communication**
3 Credits

This course provides students with an overview of integrated strategic communications. Basic theories related to message and media strategies are introduced, along with a fundamental overview of various communication tools such as advertising, public relations, direct response, sales promotion and interactive media. Importantly, students will learn how organizations integrate different forms of communication to deliver clear and consistent messages to consumer and public audiences across all their communications platforms.

**ISC351 Principles of Public Relations**
3 Credits

Survey of the theory, history and practice of public relations. Examines public relations functions within organizations, its impact on various publics and its role in society. Students will learn about the evolution of the field, the range of roles and responsibilities that public relations practitioners assume in a variety of settings, professional ethics, and significant issues and trends that have shaped the practice.

**ISC352 Principles of Advertising**
3 Credits

Survey of principles and practices of advertising in a market-driven economy. An exploration of the history, social and political perspectives, advertising institutions, current campaigns, industry trends, and an overview of advertising theory, planning, and practice.

**ISC353 Writing for Public Relations**
3 Credits

This course examines professional skills and strategies for public relations writing in its many forms, including digital and social media. Topics explore both the content and style of corporate, agency, government and non-profit client creation of effective messages in today's dynamic media environment. Students will analyze stakeholder information needs and create effective messages using tools such as; news releases, newsletters, media advisories, feature writing, crisis communications, and other typical public relations writing as part of a strategic public relations, including social media.

Pre-requisite: ISC251 ; COM210 ;

**ISC356 Media Planning and Management**
3 Credits

Introduction of media planning, buying, and management concepts. Includes characteristics of all forms of media, media terminology and calculations. Emphasis on solving communication problems from the perspective of strategic decision-making. Students will identify problems, develop alternative media solutions, and evaluate proposed solutions.

Pre-requisite: ISC251 ;

**ISC357 Creative Advertising**
3 Credits

Students will focus on developing the creative dimensions for an Integrated Strategic Communication campaign related to contemporary social issue, a commercial product or service and engage imaginatively with agency briefs, examine how ideas are creatively expressed using words and images and develop creative concepts, prepare a creative pitch, and explore the story-telling and copy-writing dimensions of advertising. The course will have a significant applied component.

**ISC359 Integrated Strategic Communication Management & Planning**
3 Credits

This course explores management principles and their application to developing strategic communication campaigns.
Students study planning, organizing programs and projects, research and evaluation, and the implementation of management objectives to solve organizational problems and maximize opportunities. An applied project will enable students to use skills taught in this course to address a variety of audiences, including employees, the community, government, and consumers.

Pre-requisite: ISC251 ;

ISC383 Introduction to Social Media
3 Credits
Theoretical and practical introduction to social media and its role in the media experience. Students will research how social media has transformed personal and business communication with a particular focus on their own discipline. Significant practical work with current social media platforms. Introduction to data analytics.

ISC451 Integrated Strategic Communication Campaign
3 Credits
This course prepares students to master the elements of a strategic communication campaign using principles and strategies of advertising, branding, public relations, corporate communication, and agency management. Students apply strategic communication skills and knowledge to an existing ISC challenge for a client. Acting as consultants, students produce an integrated strategic communication campaign.

Pre-requisite: ISC359 ;

ISL209 Contemporary Islamic World
3 Credits
This course discusses the current and most important political, economic and social changes in the modern Islamic World. Defining the term “Islamic World” politically and geographically is essential to understand current events. The course examines different undercurrent movements, important organizations, and issues directly related to the lives and societies of Muslims.

ISL210 Islamic Political Thought
3 Credits
This course will examine different issues of the contemporary Muslim world. It deals with sociopolitical problems that face GCC countries in particular and the Arab world in general. For example, it may concentrate on women and development in the Arab world, education and development in the U.A.E., or globalization in the Arab world. In each subject, the student is expected to do various activities including reviewing books, commenting on articles, collecting related data, and writing a paper.

ISL495 Independent Study
3 Credits
This course will examine different issues of the contemporary Muslim world. It deals with sociopolitical problems that face GCC countries in particular and the Arab world in general. For example, it may concentrate on women and development in the Arab world, education and development in the U.A.E., or globalization in the Arab world. In each subject, the student is expected to do various activities including reviewing books, commenting on articles, collecting related data, and writing a paper.

LAW200 Business Law & Ethics
3 Credits
This course intends to provide students with the essential legal and ethical principles and frameworks that are necessary from a business perspective. The course is structured and designed in such a manner that it combines the most critical components of “Business Ethics”, and “Business Law”. The “Business Ethics” component of the course explores the relevance and importance of ethics and social responsibility in business from a multidisciplinary and multistakeholder perspective. Important learning objectives are to increase students’ awareness and understanding of corporate ethics, responsibility, and liability and demonstrates how they apply to business situations in the evolving global business landscape. Ethical issues are structured in context to key stakeholders of business: shareholders; employees; consumers; and the society. The objective of the course is to prepare students to develop critical thinking skills in order to resolve ethical issues that they confront at the individual, organizational, and societal levels. The “Business Law” component of the course introduces students to the fundamental concepts of business law, contracts and torts (e.g., negligence). Other important areas of business law include:

forms of business organization (e.g., sole proprietorships; partnerships; and corporations); employment law; consumer law; competition law; environmental law; bailment; guarantee; real estate law (including mortgages); intellectual property; product liability; international law; wills trusts; and Islamic financial law.

MGT309 Introduction to Management
3 Credits
The course examines the role of managers at various organizational levels and how they can successfully achieve organizational goals. Topics include the four major functions of management: planning, organizing, leading and controlling. There is special emphasis on diversity, and multicultural and global aspects of management concepts. Students are exposed to hands-on experience in problem solving, decision making and case analysis to enhance their analytical and team membership skills.

MGT330 Entrepreneurship
3 Credits
This course introduces students to the theory and practice of entrepreneurship. Entrepreneurship is approached as a way of thinking and acting, as an attitude, and a behavior. The emphasis is on entrepreneurship as a manageable process that can be applied within any organizational setting. While focusing on the entrepreneurial process, this course will broaden students understanding of the organizational functional areas of management, marketing, operations, and finance. In particular, students will be required to perform business planning exercises and market feasibility analyses to the creation and growth of a new venture. The course will also provide students with an understanding of the vital role to be played by entrepreneurs and entrepreneurship in the development of a sustainable UAE economy, given the need for economic diversification (UAE Vision 2021/Abu Dhabi 2030).

Pre-requisite: MKT310 ;

MGT400 Strategic Management
3 Credits
Examines theories of management strategy and research into strategic approaches, decision making and action. Particularly important in this course is a discussion of strategic approaches in the international business environment, especially within the context of new information and communication technologies. Course aims to equip students with a critical appreciation of strategic management issues, and to enable them to critically evaluate strategic responses to the changing business environment.

Pre-requisite: FIN308 and MGT309 and MKT310 and

MGT401 Business Leadership
3 Credits
Examines and critically analyzes theories of leadership and research into business leadership. It explores current approaches to leadership traits, behavior, action and training, and examines the nature and role of leadership in the modern global business environment. It also focuses on enhancing students' understanding of business leadership, and covers issues concerning the development of women leaders in U.A.E. society.

Pre-requisite: FIN308 and MGT309 and MKT310 ;

MKT310 Introduction to Marketing
3 Credits
This course introduces students to the theory and practice of marketing. Students gain an understanding of major concepts and techniques used in marketing and have the opportunity to practice applying their knowledge in situations involving private and public sector organizations.

Pre-requisite: FIN308 and MGT309 and MKT310 ;

MKT332 Innovation Management
3 Credits
This course provides a basic understanding of managing innovation from idea to implantation and value capture. Specific attention is given to defining and managing innovation process, managing innovation networks, exploiting new ventures and the tools and techniques that can be used to manage innovation effectively.

Pre-requisite: MKT310 ;
MKT335 Consumer Behavior 3 Credits Consumer Behavior is about what, when, where and why individuals purchase and consume products and services. This course will focus on a range of topics including the consumer decision making process, the internal and external factors influencing this process, and the marketing strategies that are based on an understanding of this process. Students completing this course will be familiar with the main theories of consumer behavior and should be able to relate them to practical marketing and entrepreneurial endeavors. Throughout the course students will be encouraged to scan their environment to identify evidence of consumer behavior theory and will have acquired some descriptive knowledge of consumers in the UAE.

Pre-requisite: MKT310

MKT432 Integrated Marketing Communication 3 Credits This course provides an overview of the major concepts and techniques of integrated marketing communications strategy and management. Students will explore the various tools used by marketers to communicate with their consumers such as advertising, public relations, sales promotion and alternative media and will provide a managerial framework for integrating marketing communications planning. Course work involves developing an integrated marketing communications plan for a new innovation, developed by students in the course Innovation Management. This applied format will help students to develop skills in communications research, setting promotional objectives, developing a media plan, budgeting and measuring promotion effectiveness. It will also provide students with an opportunity to develop communications concepts into unique and creative marketing communications campaigns.

Pre-requisite: MKT310

MKT433 Digital Marketing and Commerce 3 Credits The Internet and the new marketing channels it has precipitated have created numerous innovative and interesting ways to create customer value. With this in mind, students will explore and analyze the opportunities this rapidly changing environment has created for both marketers and entrepreneurs. Topics include starting an online business, implementing e-commerce infrastructure and logistics, and developing an e-marketing plan. Special attention will be given to marketing tactics such as website design, email marketing, mobile marketing, search engine optimization, building online communities, researching online consumer behavior, nurturing user-generated content and harnessing the power of social media.

Pre-requisite: MKT310

MKT434 Global Marketing Management 3 Credits This course will provide an advanced examination of marketing management within the context of a multi-culturally diverse UAE and increasingly interconnected world. Emphasis will be given to the supply and distribution of products in the global market with particular attention paid to the production and distribution of oil and gas from the UAE to the rest of the world, the increasing role of China and India in the manufacturing process, and the supply of inexpensive labor from Asian countries (such as Pakistan, India, Bangladesh and the Philippines) in the production of local services. Students will also explore the key activities undertaken to evaluate new market opportunities, develop market entry strategies, and effectively manage marketing strategy in the global arena. Special attention will also be paid to the growing field of Islamic marketing, the role of developing nations as more than "the world's factory", but unique and exploding markets in their own right, and the role of foreign governments as potential barriers, competitors, partners and customers.

Pre-requisite: MKT310

MKT435 Family Business Management 3 Credits This course is directed to students who intend to manage a family business (either their own family's or someone else's), and students who will work for, or conduct any form of business with a family enterprise within the UAE. Given the predominance of successful family firms throughout the region, this course has been developed to address the challenges and opportunities facing individuals and families involved in family business relationships within the local context. Using a systems model of the family and business to demonstrate the interrelationships and connections among the key stakeholders this course investigates topics such as the family system, culture, entrepreneurial influences, branding and family name, conflict and negotiation, career planning, ethics, governance, succession and strategic planning, and the skills to succeed as the offspring or employee within a family business.

Pre-requisite: MGT330

MKT437 Market Research 3 Credits This course provides students with an understanding of how research provides insights that lead to better and more informed decisions vital for the ongoing success of organizations, government, communities and individuals by guiding them through the investigation of a real world business problem that is then developed into an applied business project in MKT438.

Pre-requisite: MKT310

MKT438 Applied Business Project 2 Credits This course has been designed as the culminating experience for Marketing and Entrepreneurship program. As such, students are required to demonstrate the knowledge they have accumulated throughout their degrees in an applied business project of their choosing. Specifically, using the research they conducted in the course Applied Business Research, students are required to develop actionable business and marketing plans or relevant extensions of these plans for their own entrepreneurial enterprise, a family business or business unit, or any other UAE based organization including not-for-profits and government departments.

Pre-requisite: MKT437

MKT439 Brand Management 3 Credits This course provides students with knowledge and experience of brand building and management. On successful completion of this course, students should understand the nature and importance of branding building in marketing practice. In addition, they should also possess the strategic thinking and techniques in developing and managing brands that enhance an organization's marketing competence.

Pre-requisite: MKT310

MPS220 Visual Storytelling 3 Credits Focuses on capturing and telling stories through photographs that can be used across media channels. Digital camera techniques for shooting and photo editing. Significant work will also be done in commercial, portrait, and documentary photography. Students will complete this course with a body of work worthy of submission to national photography competitions.

Pre-requisite: COM210

MPS321 Video Production 3 Credits A combined lecture and skills development course that introduces students to the principles and techniques of location production and visual storytelling for journalism, documentary and narrative film as well as the creative use of multi-camera techniques for studio productions. Emphasis on directing, camera and lighting techniques, sound design, graphics, and production equipment operation.

Pre-requisite: MPS220

MPS323 Business of Film & Television 3 Credits Students will develop a knowledge of the history of television and film and how we arrived at the business models that are used today in documentary film, Hollywood, Bollywood and Middle East film productions, television news, and dramatic television production.
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**MPS324 Film and Television Criticism**
Through a look back at the last 100 years of film and television, students will learn to critically evaluate films in terms of writing, directing, production values, editing, and cinematography.

**MPS331 Media and Cultural Criticism**
The course will focus on contemporary approaches for interpreting media texts and constructing meaning using historical and critical analysis. Students will learn to apply critical methods to popular culture, evaluate the aesthetic quality of print and broadcast messages and assess the techniques used by mass media to influence audiences.

**MPS341 Audio Production**
Audio Production is a lecture/laboratory course designed to introduce students to the industry stand production techniques used in radio audio production. Students will be instructed in the use of radio production equipment and the techniques used in producing audio elements for various types of pre-recorded and live audio programs.

**MPS361 Media History**
A review of key milestones in the development of human communication and media, including print, electronic media, films, and Internet. An historical overview of the Emiratis and GCC media. Discussion of the impact of globalization on media as well as contemporary trends toward convergence of the media.

**MPS380 Web Production**
Design, implementation, and management of communication on the Web through a variety of platforms. Students will learn introductory tools and develop skills in interactive software.

**MPS382 Multimedia Production**
Advanced skills in merging video, audio, animation, photography, and print into interactive multimedia experiences. Covers aesthetic direction, process, development, time management, and various graphic creation. Techniques in multimedia authoring, with applications for CDs, DVDs, and the internet - within film, broadcast, and journalistic contexts.

**MPS421 Advanced Media Production**
Combined lecture and skills development course that engages students through an in-depth examination of the creative, technical, production and distribution techniques of specific media content (print, audio, video, online) through production experience and class discussion. The class will explore craft, aesthetic, production and storytelling issues for both fiction and non-fiction.

**MPS457 Capstone Project**
This course allows students to combine the various skills they have learned into a final media production project. This body of work could be a short documentary or narrative film, a radio documentary, a screenplay or a research project on the media industry. The goal is to have a strong portfolio piece that can be showcased beyond a university setting and serve as an introduction to potential employers.

**MSE352 Early Childhood Mathematics and Science**
The purpose of this course is to build on candidate’s knowledge of child cognitive development in the area of mathematics and science instruction. Candidates will examine foundational concepts, process skills, research, benchmarks of development associated with discovery and numeracy, and the integration of math and science with other subjects, including literacy. Candidates in MSE352 engage with young children in the areas of discovery and numeracy with special focus on motivation and encouragement in both. The class has a one-hour laboratory experience each week in the Early Childhood Education Center that includes the development of lessons and centers focusing on an integration of English, Science, and math. This course is the prerequisite for MSE452, Elementary Mathematics and Science. This course covers the developmental concepts in math and science for the years from birth through Grade 1.

**MSE393 Teaching Mathematics I**
Candidates study the mathematical content and teaching methodologies needed for teaching mathematics, concentrating on numbers and operations, as well as basic algebra, measurement and geometry concepts. Specific areas addressed include the problem solving model and strategies, history, and development of number systems, algorithmic processes and properties of real numbers, estimation skills, percentage, patterns and generalizations, standard units of measurement and conversions, two and three dimensional shapes, similarity and congruence, symmetry, transformation.

**MSE394 Teaching Mathematics II**
This course prepares teachers to teach the mathematics content in a concrete and experiential approach. Topics covered include problem solving, number, fractional numbers, and introductory probability and statistics.

**MSE396 Teaching Mathematics III**
This course prepares teacher candidates to teach the mathematics content in a concrete and experiential approach. Topics covered include measurement, quantitative literacy, assessment and differentiation of mathematics concepts and skills to support learners with special needs, particularly learning disabilities in mathematics.

**MSE452 Elementary Mathematics and Science**
The purpose of this course is to build on the cross-cutting concepts science and mathematics while contextualizing science and math in a problems-based approach through a focus on problem solving. Students will engage with content knowledge and major themes of science and mathematics instruction in the elementary grades. The prerequisite for this course is MSE352, Early Childhood Mathematics and Science I, which covers the developmental period from birth to Grade 1. This course will focus on children’s learning in Grade 2-5 as they interact with concepts of Pattern, Cause and Effect: Mechanism and Prediction, Scale, Proportion and Quantity, Systems and System Models, Energy and Matter: Flows, Cycles, and Conservation, Structure and Function, Stability and Change. The candidate continues to develop understanding of quantitative reasoning through practice with children and microteaching to assure a sound base in elementary mathematics teaching. This class engages in a laboratory experience in the areas of English language, Science and Mathematics through a collaborative field experience that creates an integrated learning experience for elementary children.

**MTH101 Basic Mathematics**
This course is a developmental course designed for students with low mathematics placement scores. The course covers areas of basic mathematics and includes simple algebra, solving linear equations, percentages, graphing linear equations, interpreting graphs, and summarizing data sets. Students are also engaged in applying their knowledge in problem solving situations.
MTH103  Pre-Calculus  
3 Credits  
This course is designed to prepare students for Calculus and other higher level mathematics courses and for programs in Science, Business and Information Science courses. The course will cover coordinate geometry of the straight line, linear functions, polynomial functions, rational functions, exponential functions, logarithmic functions and trigonometric functions and their applications, rates of change of functions and the idea of a limit.  
Pre-requisite: CEPA Math Score 150

MTH118  Finite Math with Probability  
3 Credits  
This course introduces logic and set theory, the language of mathematics and it uses them in the study of fundamental counting principles and basic probability. Emphasis is given to practical applications of counting and probability.  
Pre-requisite: CEPA Math Score 150

MTH121  Calculus I  
3 Credits  
The course covers the basic principles and applications of the mathematics describing change. It includes functions and modeling, plus differential calculus and its applications to a variety of examples from many fields. Also studied is the accumulation of change via the basics of integral calculus and simple applications.  
Pre-requisite: MTH103

MTH122  Calculus II  
3 Credits  
The course covers techniques of integration including improper integrals and resolving indeterminate forms. A variety of examples of applications of integral calculus are considered from many fields. The course also deals with coordinate systems other than Cartesian. The applied topics are chosen from multivariable calculus, differential equations and infinite series.  
Pre-requisite: MTH121

MTH212  Business Calculus  
3 Credits  
This course introduces students to the principles of calculus and its applications in the world of business, finance and economics. The course uses an intuitive approach to the underlying theory of the calculus so that students will understand the validity of the rules and procedures of the subject, but will not be burdened with too many abstract concepts. The main emphasis will be on the appropriate use of procedures to solve practical problems in the world of business, finance and economics.  

MTH213  Business Statistics  
3 Credits  
This course provides students with an introduction to important topics in probability and statistics and their application in business. The topics covered include Organization and Presentation of Data; Measures of Central Tendency; Measures of Dispersion; Probability; Probability Distributions; Statistical Inference; Correlation and Regression.  
Pre-requisite: MTH212

MTH215  Computing Foundations  
3 Credits  
This course provides an introduction to the foundations of computing. Key topics include computer number representation and their conversion, sets and relations, functions, boolean algebra and computing logic. Algorithm design and their analysis using growth functions, graphs and trees will also be introduced.

MTH216  Elementary Geometry  
3 Credits  
This course provides students with an understanding of the concepts of geometry and will clarify their understanding of proof in mathematics. The course concentrates mainly on Euclidean geometry but will also introduce students to other geometries that have been developed to overcome some of the difficulties encountered with Euclidean Geometry. Methods of teaching school geometry past and present, will be investigated.  
Pre-requisite: GEN111 or GEN112

MTH281  Probability and Statistics I  
3 Credits  
Topics covered in the course include discrete populations, samples, organization of data, measures of central tendency and dispersion, charts and histograms, probability distribution, estimation, hypothesis testing, correlation, regression and inferential statistics.  
Pre-requisite: GEN111

MTH331  Linear Algebra  
3 Credits  
Linear algebra is important in areas such as physics, computer science, engineering, business, and finance. Course is an introduction to the essential elements of linear algebra. Covers linear systems and matrices, Euclidean n-space, orthogonality, linear transformations, determinants, eigenvalues and eigenvectors.  
Pre-requisite: GEN111 or GEN112

MTH333  Abstract Algebra  
3 Credits  
An introduction to the fundamental concepts of Modern Algebra including cyclic and permutation groups, normal subgroups, factor and quotient groups, isomorphism theorems, integral domains, polynomial rings and applications of group theory. Prepares students for more advance study in field theory and Galois theory.  
Pre-requisite: MTH122

MTH341  Differential Equations  
3 Credits  
Differential equations are used to represent dynamical systems in science, engineering, business, economics, and finance. Course emphasizes applications using technology to facilitate understanding. Topics include: review of first and second order linear differential equations, series solutions of differential equations, numerical solution of differential equations and partial differential equations.  
Pre-requisite: MTH122

MTH343  Real Analysis  
3 Credits  
The course begins with the rationale behind the development of the subject after the problems created by Fourier’s solution of the heat equation and the ensuing attempts to establish a firm foundation for calculus. This leads to rigorous treatment of infinite series, differentiability, continuity, and ends with Fourier series expansion.  
Pre-requisite: MTH121

MTH351  Discrete Mathematics  
3 Credits  
The course aims to equip students with the mathematical tools they need to support their work as IS majors. Deals with numbers and number systems, sequences and series, vectors and matrices, set theory, logic, relations and functions, inequalities, combinatorics, problem solving strategies and algorithms.  
Pre-requisite: GEN111 or GEN112

MTH353  Numerical Analysis  
3 Credits  
Numerical approximation techniques are important in areas such as computer applications, science and engineering. The aim of this course is to explain how and why they are used when they can be expected to work. It will also provide a basis for future study of numerical analysis and computing.  
Pre-requisite: MTH122

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MTH361 Modern Geometry
3 Credits
This course emphasizes the axiomatic development of plane geometry and utilizes the School Mathematics Study Group (SMSG) postulates as a guiding force. The course will extend the ideas of plane geometry to investigate Non-Euclidean models of spherical and hyperbolic geometry. Visual models and programs will be used throughout the course.
Pre-requisite: GEN111 or GEN112;

MTH390 Selected Research Project
3 Credits
Under the direction of a faculty member, a student will pursue a selected independent research project on some area of mathematics. This research may be based in published material or on modeling work. (A faculty member must agree to act as supervisor before a student is permitted to enroll.)

MTH482 Probability and Statistics II
3 Credits
Topics covered include random variables standard distribution, moments, law of large numbers and central limit theorem, sampling methods, estimation of parameters, interval estimation, minimum variance and maximum likelihood estimators, testing of hypotheses regression, correlation and analysis of variance, sampling distributions and elements of nonparametric methods.
Pre-requisite: MTH281;

MTH486 History of Mathematics
3 Credits
In this course we will examine the history of mathematics and its role in school classrooms. We will develop the ability to find good, reliable references and will then use these to create classroom worksheets and activities. In the process we will learn about the history of algebra, geometry, number theory and other areas of mathematics and about the culturally diverse mathematicians who worked in these areas.
Pre-requisite: GEN111 or GEN112;

NET255 Networks and Telecommunications
3 Credits
This course introduces the fundamentals of networking. The course focuses on network terminology, protocols, network models (LAN/WAN), routing fundamentals and subnets.

NET256 Computer Network Foundations
3 Credits
This course covers the key foundations of computer networking. The topics covered include network terminology, standards, network models such as the Open Systems Interconnection (OSI) model, protocols (e.g. Transmission Control Protocol (TCP) and User Datagram Protocol (UDP), physical and logical topologies in Local Area Networks (LAN) and Wide Area Networks (WAN), IPv4 and IPv6 addressing, and wireless and mobile networks.
Pre-requisite: CIT210; Co-requisite: NET257;

NET257 Computer Network Foundations Lab
1 Credit
This course provides hands-on practice for Computer Networking Foundations topics covered in NET256.
Pre-requisite: CIT210; Co-requisite: NET256;

NET350 Communication Networks I
3 Credits
This course introduces routing basics focusing on router configuration, operating system management, protocols, and basic troubleshooting.
Pre-requisite: NET255 or MTH215;

NET351 Computer Network Technologies
3 Credits
This course covers the architecture, components and operations of computer communication networks. The covered topics include packet and circuit switching, routing, multimedia networks, and network management. The course reviews switching and discusses routing algorithms and protocols, intra and interdomain routing and broadcast and multicast routing. It also covers multimedia networking applications' requirements, challenges, and protocols. Network management paradigms are also discussed, along with the Internet-standard network management framework.

NET352 Computer Network Technologies Lab
1 Credit
This course provides hands-on practice for network configuration, covering VLANs (Virtual Local Area Networks), OSPF (Open Shortest Path First), RIP (Routing Information Protocol) and other topics covered in NET351.
Pre-requisite: NET257; Co-requisite: NET351;

NET355 Communication Networks II
3 Credits
This course covers advanced networking concepts including networking application areas, network management, and network security. Networking application areas such as multimedia applications, World-Wide Web, email, and file sharing are discussed, and network security-related concepts are introduced. Furthermore, network management protocols and tools are discussed.
Pre-requisite: NET255; NET350;

NET450 Communication Networks III
3 Credits
This course focuses on wide-area networks (WAN) and covers advanced addressing techniques, WAN technology and terminology, network administration and network management.
Pre-requisite: NET350; NET355;

NET455 Wireless Sensor Networks
3 Credits
This course covers core wireless sensor networking concepts including wireless sensor networks architectures, components, and operation; wireless sensor networks communication protocols; wireless sensor networks operating system and programmability. Several sensor-based application areas such as wireless healthcare and environmental applications are addressed as part of the practical component of the course.
Pre-requisite: NET351 or NET350;

NUT205 Principles of Nutrition I
3 Credits
This course provides an introduction to the basic nutritional needs of humans. An emphasis will be placed on the function and role of macronutrients in the body, their food sources, digestion and absorption.

NUT210 Principles of Nutrition II
3 Credits
On the basis of healthy individuals, this course will focus on sources, digestion, absorption and utilization of micronutrients and protective food. It will further give students an understanding for nutrition recommendations and consequences of under or overconsumption. It will furthermore continue to introduce different dietary assessment methods that can be used for evaluating food and nutrient intake. Eating habits and food culture will be discussed from a local and global perspective.
Pre-requisite: NUT205;

NUT307 Nutrition Across the Lifespan
3 Credits
The course covers the basic nutrition needs of individuals throughout the lifespan ranging from preconception to infancy, childhood, adolescence, adulthood and elderly in addition to special requirements during pregnancy and lactation.
Pre-requisite: NUT210;

NUT328 Diet Planning and Assessment
3 Credits
This course provides students with an in-depth understanding of the use of dietary management concepts and software to assess individual’s dietary intakes. It also addresses the nutritional assessment of individuals’ in order to plan and design meal plans to meet nutritional needs.
Pre-requisite: NUT210;
PBH367  Public Health II  
3 Credits  
The course provides students with a basic understanding of the components of the Health Care System (HCS) and the management of an organized delivery system. It addresses the characteristics of health work force, the organization and programs that offer health care, the resources needed to provide the services and the system required for assessing the effectiveness and quality of these services. Contextual factors that influence health policy and its processes are also covered.  
Pre-requisite: PBH366;

PHN316  Community Health and Nutrition  
3 Credits  
This course will focus on major health issues in the U.A.E. (and globally), including obesity, diabetes, cardiovascular diseases, hypertension and the metabolic syndrome. Prevention, including physical activity will be discussed. It will furthermore give students knowledge about etiology, risk factors, diagnostic criteria and treatment, with a focus on medical nutrition therapy. Oral health will also be covered, including both prevention and treatment.  
Pre-requisite: NUT332;  

PHN318  Food Science  
3 Credits  
The scientific study of the basic constituents of food and the chemical and physical actions and reactions that cause nutritional, sensory and other changes before, during and after processing. Students use scientific methods in laboratory experiments to facilitate the understanding of food, nutrition, and science. The course will furthermore encourage students to apply theoretical knowledge gained within the field of therapeutically diets and its implication on food choice, preparation methods and modification in recipes.  
Pre-requisite: CHE202; BIO201; NUT210;  

PHN323  Food Sanitation and Hygiene  
3 Credits  
The purpose of this course is to explore the causes, consequences and prevention of food borne disease across the food chain as well as the components of risk analysis and the importance of their application in the food industry.  
Pre-requisite: BIO201; CHE201;  

PHN450  Planning and Evaluation in Health Promotion and Health Education  
3 Credits  
In this course, future public health professionals will acquire the basic tools to plan, implement and evaluate the impacts of their coursework and other learning experiences. They will  

NUT412  Medical Nutrition Therapy I  
3 Credits  
The nutrition care process, including assessment, diagnosis, intervention and evaluation will be introduced as a concept in medical nutrition therapy. Interaction between diet and drugs will be discussed from different aspects. The course will build on the general nutrition knowledge and in deep cover upper and lower gastrointestinal diseases, and include medical nutrition therapy.  
Pre-requisite: NUT328;  

NUT422  Nutrition and Health Counseling  
2 Credits  
The course provides a step-by-step guide to the fundamentals skills on counseling strategies, and how to effectively communicate with healthy individuals as well as patients about health and nutrition to attain sustainable behavior changes. It offers detailed counseling and communications strategies and relevant social, cultural, and psychological factors that gives a practical, hands-on approach to developing counseling skills.  
Pre-requisite: NUT412;  

NUT440  Medical Nutrition Therapy II  
3 Credits  
The course will give students knowledge about kidney and liver diseases, cancers and HIV, enteral and parenteral nutrition, and metabolic and respiratory stress. The course will deepen students applied knowledge of the nutrition care process and prepare them for practical nutrition and dietetics application.  
Pre-requisite: NUT412;  

OPR300  Operations Management  
3 Credits  
A study of the operation functions within an organization with an emphasis on decision making operations in a service environment. Decision making techniques in Operations Management include: statistical analysis and technological applications, applications strategy and how the operation function links to other functions in the organization.  
Pre-requisite: MTH212 and MTH213;  

OPR667  Operations Management  
3 Credits  
This course focuses on operation functions within organizations with emphasis on the service environment. It charts decision making techniques including statistical analysis and technological applications, strategy and links to other organizational functions.  

PHB267  Public Health I  
3 Credits  
This course is designed for students who want to consider the question of "what is public health". It focuses on activities that societies undertake to enhance the health of populations. Although health care is a common focus of attention in this course, it does not focus specifically on the interaction between the health professional and the individual patient. Rather, this course looks at how societies organize health care to make it accessible to all. It also addresses global and influential health issues like smoking, obesity and the changing nature of infectious diseases. The course will discuss how much of modern public health today is about tackling strongly vested interests (e.g. tobacco companies) The course also examines the importance of empowering people, so that they can make healthy decisions. Finally, this module confront explicit the political nature of public health. Much disease and ill health has its origins in the way that we organize our society.  

PHB366  Introduction to Epidemiology  
3 Credits  
This course examines the patterns and distribution of health and disease in human populations and of the factors that influence such patterns. It will show how epidemiology to determine the cause of health-related problems, predict risk and provide a basis for broad based preventive action. The course will be richly illustrated with examples of significance within the UAE, the region and globally, and explore how public health is influenced by such information.  
Pre-requisite: PHB267;  

PHN466  Research Methods  
3 Credits  
The course provides an introduction to methodologies used in Environmental and Health Science. Following a logical progression from research process, formulation of research problems, data collection and analysis, to report writing, the course prepares students for their senior projects as well as for graduate and professional research.  

PHN490  Internship in Public Health and Nutrition  
3 Credits  
Internship provides professional experience for Health Sciences students in a challenging but supportive working environment of their choice. It enables students to enhance their interpersonal skills, increase self-confidence and apply knowledge and skills gained at Zayed University in a professional setting.  

PHN491  Senior Project in Public Health and Nutrition  
3 Credits  
The Senior Project is a culminating experience requiring students to synthesize and integrate knowledge acquired in their coursework and other learning experiences. They will
apply theory and principles in a situation that has relevance to some aspect of health professional practice or research. Students work individually while being mentored by faculty and take primary responsibility for identifying and defining a problem, developing a suitable approach and methods needed to address the problem implementing the project and presenting their findings in both oral and written forms. Students are encouraged to engage with clients or partners in the community where appropriate or beneficial.

**PHYS 201 General Physics I**  
4 Credits  
The first part of a two-semester general physics course. The course introduces basic principles of physics. Course topics include: Newtonian mechanics, motion, energy, thermodynamics and heat, waves, and fluids. Laboratory sessions are designed to complement the lecture providing a practical insight to the theory. Pre-requisite: GEN 111.

**POL 332 International Relations in the Gulf Region**  
3 Credits  
The course explores the evolution of politics in the Gulf Region from the withdrawal of the British Empire, the Iranian Revolution, the two Gulf Wars, and the emergence of the Gulf Cooperation Council. Emphasis is placed on the study of the formal and informal sources of production of foreign policy decisions; the economic and political impact of the US foreign policy in the world, and the ideology behind the US foreign policy.

**POL 333 International Organizations**  
3 Credits  
The course explores the role of the American Foreign Policy in the 21st century, and the Middle East in particular. Comprehensive approach to international organization is placed on the study of the formal and informal sources of production of foreign policy decisions; the economic and political impact of the US foreign policy in the world, and the ideology behind the US foreign policy.

**POL 334 The Politics of Oil**  
3 Credits  
The course explores the evolution of the oil industry. Students will explore the origins of the oil industry in the United States and Russia at the beginning of the 20th century. The latter expansion into other regions will follow especially in regards to the Middle East, Latin America. A final chapter will explore the growth of the oil industry in Africa in the early 21st century. Particular attention would be played to the political effects that the expansion of the oil industry had on the politics and societies of the producing countries. Additional aspects of experience between different regions will be drawn in an effort to understand the local impact of a global industry.

**POL 335 Comparative Social Policy**  
3 Credits  
Introductory course in policy studies. What is policy? How can it be described and analyzed? How do new forms and ideas of management affect the organization and delivery of public services such as health, social services, criminal justice and education? A comparative approach draws on examples from Europe, the U.S.A., Asia and the Gulf.

**POL 336 Foreign Policy of Emerging Powers**  
3 Credits  
The course examines the rise of emerging powers, the role of the United States’ international leadership militarily, economically, politically, or ideologically. Three major events early in this development – the wars in Afghanistan and Iraq, and the global economic impact of the US foreign policy in the world, and the ideology behind the US foreign policy.

**POL 337 The Politics of Oil**  
3 Credits  
The course explores the evolution of the oil industry. Students will explore the origins of the oil industry in the United States and Russia at the beginning of the 20th century. The latter expansion into other regions will follow especially in regards to the Middle East, Latin America. A final chapter will explore the growth of the oil industry in Africa in the early 21st century. Particular attention would be played to the political effects that the expansion of the oil industry had on the politics and societies of the producing countries. Additional aspects of experience between different regions will be drawn in an effort to understand the local impact of a global industry.

**POL 338 International Organizations**  
3 Credits  
The course explores the role of the American Foreign Policy in the 21st century, and the Middle East in particular. Comprehensive approach to international organization is placed on the study of the formal and informal sources of production of foreign policy decisions; the economic and political impact of the US foreign policy in the world, and the ideology behind the US foreign policy.

**POL 339 The Politics of Oil**  
3 Credits  
The course explores the evolution of the oil industry. Students will explore the origins of the oil industry in the United States and Russia at the beginning of the 20th century. The latter expansion into other regions will follow especially in regards to the Middle East, Latin America. A final chapter will explore the growth of the oil industry in Africa in the early 21st century. Particular attention would be played to the political effects that the expansion of the oil industry had on the politics and societies of the producing countries. Additional aspects of experience between different regions will be drawn in an effort to understand the local impact of a global industry.
international political issues. Events are analyzed at the systemic level and the level of individual states in order to better understand the pressures and opportunities that influence leaders' foreign policy decisions. Topics to be discussed include the concept and role of middle powers, global governance, security cooperation and competition, and the role of economic interdependence.

**POL343 International Political Economics**  
3 Credits  
Examines theories and practices of international economic relations. Attention is given to trade, finance and international business as well as the policy instruments of subsidies and quotas. Political issues and processes are emphasized.

**POL352 The State, Society, and the Economy**  
3 Credits  
This is an investigation of contemporary debates on state-society relations, civil society, nation building, governance, and economic systems. It identifies and explores connections between the forces that influence national development such as imperialism, capitalism and globalization.

**POL421 Policy Case Study I**  
3 Credits  
This course focuses on heritage and cultural tourism as it is implemented in the U.A.E. Specific case studies will include sites developed for Eco-Tourism, Heritage Tourism and Arts Tourism throughout the country such as Sir Bani Yas Island, Sharjah’s historic district, and the new museums and cultural districts planned for Abu Dhabi and Dubai.

**POL422 Policy Case Study II**  
3 Credits  
Builds upon POL421 Policy Case Study I and further explores policy-making and implementation.

**PSY212 Introduction to Psychology**  
3 Credits  
Course integrates traditional principles of psychology as a way of helping students to know themselves, their culture, and their society.

**PSY310 Introduction to Counseling**  
3 Credits  
This course introduces students to the field of counseling and psychotherapy. It provides students with an overview of the central concepts, goals, and practices of counseling, as well as ethical and professional issues crucial to the understanding of counseling.

**PSY321 Biological Basis for Behavior**  
3 Credits  
This course introduces students to the field of biological psychology and examines the biological correlates of behavior. The course content highlights the physiological mechanisms underlying psychological processes. The nervous system and the hormonal system, two of the major bodily systems whose function underlay psychological processes will be emphasized. Discussions on the normal (and abnormal) functioning of these systems, which facilitates the perception and understanding of our environment and our behavior in response to these environmental stimuli will be explored. Discussion on the role of physiological parameters and their place in psychological theories regarding processes such as the perception of stress will also be covered.

**PSY325 Cognitive Psychology**  
3 Credits  
This course provides students with the principles, approaches, and key theories underlying cognitive psychology. The five main areas of cognition (perception, language, memory, attention and thinking) are considered from a number of perspectives. Experiments and different techniques for the testing theories will be used throughout the course, as well as real-life case studies. Emphasis will be placed on exploring cognitive disorders (such as language, memory, learning and thought disorders) and how they are assessed and treated both worldwide and within the U.A.E.

**PSY330 Personality and Individual Differences**  
3 Credits  
This course critically examines personality theories developed by major theorists. Students will have a broad understanding of how personality is theorized from a variety of perspectives over the course of psychology’s history. Students will have the opportunity to compare and contrast perspectives and to integrate and apply them to real world situations. Additionally, students will utilize case studies to understand how different perspectives approach the same issue as well as the different techniques each uses to assess personality and individual differences.

**PSY340 Mental Health and Psychological Disorders**  
3 Credits  
This course examines the causes, correlates and prevalence of contemporary mental health problems. Current diagnostic systems and clinical interventions are reviewed. Concepts of causation and vulnerability are explored along with key public health issues such as early detection and prevention.

**PSY363 Social Psychology**  
3 Credits  
This course investigates theories and research findings of social psychology, including areas of animal social behavior, socialization, language and communication, attitudes, and group processes. It presents an overview of conditions that affect individuals in a social context and examines themes such as attitudes, impression formation, interpersonal relations, and group membership. Topics also cover socialization processes and dynamics, social cognition, perception of self and others, attributions, and organizational processes.

**PSY371 Organizational Psychology**  
3 Credits  
This course allows students to explore the impact that individuals, groups, and structure have on behavior within organizations. Topics such as motivation, leadership, power, interpersonal communication, conflict and work stress will be discussed.

**PSY410 Individual and Family Assessment**  
3 Credits  
This course introduces students to the field of psychological assessment. Students will be introduced to a variety of assessment procedures and applications used in different fields. Students will become familiar with issues surrounding test construction, validation, and assessment result interpretations.

**PSY413 Psychological Interventions**  
3 Credits  
This course critically examines different counseling strategies. Students will be given opportunities to explore the impact of the underlying theoretical approaches, methods, and skills for these strategies. Students will be given opportunities to experience and practice components of therapies.

**PSY451 Seminar in Applied Psychology and Human Services**  
3 Credits  
This course explores applied psychology within contemporary society. The application of psychological models, theories and methodologies are examined and critically evaluated across a broad array of socially relevant situations. The contexts covered are necessarily diverse, spanning areas such as health and safety, the criminal justice system, consumer behavior, human computer interaction and more. This is in addition to focusing on more traditional contexts such as healthcare and education, where psychology has longstanding professional Services
The Senior Project is a culminating experience requiring students to synthesize and integrate knowledge acquired in their coursework and other learning experiences. They will apply theory and principles in a situation that has relevance to some aspect of health professional practice or research. Students work individually while being mentored by faculty and take primary responsibility for identifying and defining a problem, developing a suitable approach and methods needed to address the problem implementing the project and presenting their findings in both oral and written forms. Students are encouraged to engage with clients or partners in the community where appropriate or beneficial.

SEC235 Information Security Foundations
3 Credits
This course presents a comprehensive introduction to core information security principles and practices. Topics include: common threats, attacks and defence strategies, access control, wireless security, basic cryptography, digital signatures, public key infrastructure, network, Internet and email security.

Pre-requisite: PSY212 ;

SEC330 Ethical Hacking and Countermeasures
3 Credits
This course covers network and computer penetration-testing tools and techniques that ethical hackers and security testers use to protect computer networks. This course provides a structured knowledge base for preparing security professionals to discover vulnerabilities and recommend solutions for tightening network security and protecting data from potential attackers.

Pre-requisite: SEC235 and NET255 ;

SEC331 Ethical Hacking and Countermeasures Lab
1 Credit
Provides hands-on experience in hacking and penetration testing techniques in a live laboratory environment, with the purpose of understanding real-world security threats, attacks, ethical hacking and penetration testing trials. Takes both offensive and defensive approaches and exposes students to a variety of real-world attacks, including malware, network, web application, wireless, and mobile device attacks. It also covers practical mitigation and defense measures using network firewalls and intrusion detection systems.

Pre-requisite: SEC235 ; NET256 or NET255 ;
Co-requisite: SEC330 ;

SEC335 Information Security Technologies
3 Credits
SEC335 presents the security protocols and applications in local and global networks; IP Security (IPSec) and other communication level security systems; LAN security authentication, secure E-mail, secure WWW, with examples and practical solutions.

Pre-requisite: SEC235 ; NET256 ;

SEC336 Information Security Technologies Lab
1 Credit
This course provides hands-on experience in a live laboratory environment, with the purpose of understanding real-world security threats, attacks, ethical hacking and penetration testing trials. Takes both offensive and defensive approaches and exposes students to a variety of real-world attacks, including malware, network and web application attacks. It also covers practical mitigation and defense measures, such as firewalls and intrusion detection.

Pre-requisite: SEC235 ;
Co-requisite: SEC335 ;

SEC430 Information Security Management
3 Credits
This course presents the field of Information Security from a management perspective. An overview is presented of the activities, methods and procedures related to establishing sound information security management in an organization. Covering all the essential components of a security management program including contingency planning, risk assessment, policies and management models.

Pre-requisite: SEC235 ;

SEC435 Digital Forensics Foundations
3 Credits
This course exposes students to the foundation concepts of computer crimes, digital evidence and the common tools and techniques of acquiring and reporting digital evidence to be used in a court of law. Coverage includes techniques of how to identify, acquire, preserve, analyze and document forensic evidence. The focus of this course is exposure to some common high-tech investigation cases and the preliminary steps to conduct digital forensic examinations, in lectures and laboratory exercises.

Pre-requisite: CIT210 ; SEC235 ;

SOC200 Social and Economic Trends in the Gulf
3 Credits
This course surveys the many facets of social and economic trends that are emerging in modernizing Gulf monarchies. Students are introduced to the dynamics of sovereignty,
regionalism, and globalization, along with key actors such as the state, institutions and organizations that drive these forces. Thereafter, they identify new socioeconomic trends and analyze their causes and implications for the Gulf region as a whole and the U.A.E. in particular. Students are then guided through a process of critical evaluation in examining the importance of these trends, their continuity, and the prospects they hold for the future.

**SOC211 Windows on American Society**
3 Credits
Introduction to the study of American society by examining the nature of its geographic, cultural, socioeconomic, political, educational, racial and ethnic diversity throughout the nation's history. Students examine the United States and U.A.E. societies comparatively.

**SOC326 Comparative Intellectual Traditions**
3 Credits
This course will consider key intellectual traditions across history, comparing ideas of morality, social justice, political organization, and the relationship between the individual and community, and the self and the divine. Selecting philosophical writings from various traditions, including Asian, Indic, European and Islamic, the course will examine these traditions in their classical contexts and then move on to consider how they evolved in both the early modern and modern periods. The course will give particular attention to how these intellectual trends shaped and responded to changes across time, including, but not limited to, the rise and fall of empires, the formation of nation-states, colonialism, and processes of modernization.

**SOC329 Theory, Method, Evidence: Critical Thinking II**
3 Credits
This course examines how theory and method mutually inform analysis and understanding in the humanities and social sciences. Drawing from scholarship, literature, art and film, the course explores a set of questions pertinent to culture and society that have been raised in various contexts and disciplines and researched and theorized from different perspectives. Students will learn concepts, vocabularies, techniques, and approaches scholars use to source and evaluate evidence. Students will consider how methods and theories change and exchange over time, responding to political, intellectual, and moral trends in society, the academy and the world.

**SPE324 People with Special Needs**
3 Credits
This course is the lab based companion to SWE320 which provides an introduction to the principles of Web design and development. Students learn how to design and develop Web sites using essential structures and technologies. Technologies appropriate both to website content, and to website style, are introduced, including Hyper Text Markup Language (HTML), Cascading Style Sheets (CSS), and Extensible Markup Language (XML). Scripting languages are used for developing the Web site and students learn how to deploy and test the site on a server.

**SPE325 Introduction to Programming and Problem Solving**
3 Credits
This course provides an introduction to the principles of programming for problem solving. It introduces algorithm design, program development and execution. Students learn how to identify and formulate solutions to simple, real-world problems using essential programming structures, and to perform code walkthroughs and basic debugging.

**SPE346 Dynamic Web Development**
3 Credits
This course will prepare students to design and develop websites with dynamic web content, and to integrate web
solutions into an organization's information system. It focuses on the client side of creating dynamic web documents.

**Pre-requisite:** SWE245 or SWE225

**SWE371 Mobile Computing**

3 Credits

This course introduces students to the principles of mobile computing in terms of concepts, principles, and techniques. Students learn the different approaches and platforms for designing and developing mobile applications (native, Web, and hybrid). Basic testing, debugging, and deployment of mobile applications are also included in the course.

**Pre-requisite:** SWE225

**SWK210 Introduction to Social Work**

3 Credits

It is significant for students who enroll in the social work program to know the purpose of the social work profession. The course emphasizes social work as a value-based profession and thus nurtures students to develop professional attitudes and behaviours. Additionally, the course helps students to recognize different frameworks that influence the profession. The course covers topics such as the different roles and functions of social workers, distinguishes between social work and social welfare, clarify how social work differs from charity work, psychology and sociology, understand the history of the social work profession both internationally and in the UAE. The obligation of professional social workers to promote social and economic justice on behalf of populations vulnerable to or oppressed is emphasized.

**Pre-requisite:** SWK210

**SWK325 Social Work with Groups**

3 Credits

This course prepares students for entry level social work practice with groups. Group intervention, termination and evaluation are taught from a social work perspective. Diversity, working with populations at risk, power, group dynamics, stages and roles are explored. Skill development includes use of self, communication techniques, and the problem-solving process. The types of groups studied include tribal, task, education, self-help, treatment, social advocacy and non-traditional groups.

**Pre-requisite:** SWK225

**SWK347 Partnerships with Families and Communities**

3 Credits

This course examines the community and organizational contexts in which social work services are delivered. At a community level, students learn how communities are organized and function. The focus on organizations will include how funding, mandates, and organizational arrangements influence service delivery. Social work management, supervision, leadership and entrepreneurship are explored as are strategies for community, economic and social development.

**Pre-requisite:** SWK225

**SWK431 Partnerships with Families and Communities**

3 Credits

This course is designed to assist students in learning skills, practice methods, theory and research related to community practice. Through service learning, the course exposes students to community resources available to meet a range of human, social and educational needs and assists students in developing professional community relationships that are meaningful, cooperative, and productive.
SWK466  Marriage and the Family  
3 Credits  
The course provides understanding of family development across the lifespan including the family as a system, family interaction and family roles. Emphasis will be given to marriage, from beginning (pre-marriage) to dissolution (divorce or death). The course will consider marriage and family patterns including issues such as mate selection, gender roles, rules, conflict, work, divorce and death. While consideration will be given to cultural diversity the focus, when possible, will be on families in the UAE.

SWK492  Internship  
3 Credits  
The Internship consists of seminars and supervised services in a community setting. Responsibilities include individual and group services under supervision. The Internship also includes a project or research component to be determined based on the student area of study and interest in the Psychology and Human Services program.

TCC237  Interpersonal & Intercultural Communication  
3 Credits  
The influence of culture on interpersonal and cultural communication processes. Focus on the impact of values, beliefs, perspectives and verbal and non-verbal codes on intercultural interactions. Development of interpersonal communication skills that improve competence in communication across cultures.

TCC371  Tourism Principles  
3 Credits  
Introduction to the major tourism theories, concepts and practices. Focus on the concept of the tourism system as a communication system and how the key sectors and stakeholders (government, private, community, transport, accommodation and attractions) interact to produce a complete tourism product. Considers the factors that influence tourism demand and the impacts of tourism on destinations and people.

TCC372  Communicating Tourism: Destinations, and Heritage  
3 Credits  
An integrated approach to the application of public relations, advertising and marketing strategies for the effective promotion of destinations, cultural heritage and other tourism attractions, facilities, products, and services. Emphasis on the use of multichannel, multimedia communication to build destination image, raise awareness, attract and inform. Uses case studies of global and local best practices.

TCC375  Planning and Promotion for Events and Festivals  
3 Credits  
Develops a fundamental understanding of the various types of events and festivals. It examines the events planning process, organization, implementation, and evaluation, including the creation of comprehensive event proposals, feasibility studies, the development of integrated communication strategies to meet the identified objectives, and managing the event or festival as a project.

TCC471  Applied Tourism Project  
3 Credits  
This course requires students to apply the knowledge and skills they have developed to a contemporary challenge in tourism, culture and/or heritage. Students develop research and work in depth on the specific communication challenges to address one particular challenge. In doing so, students develop the capacity to draw on the theoretical and practical knowledge they have acquired throughout their coursework and apply it to the resolution of a problem (in the form of event, campaign, applied research, or any other innovative project). Students work on these projects in teams and under the guidance of a faculty and/or a community partner. Ideally students work with a real client in the tourism industry in the UAE and make use of real-life situations. All projects should contain an element of public engagement.  
Pre-requisite: TCC372;

Graduate Courses

ACC610  Accounting  
3 Credits  
This course is designed for managers who use accounting information, focusing on the language of accounting, the kinds of information that can be provided by accounting systems, and how this information is used to make business decisions. An overview of accounting systems is provided, but the course does not focus on the details of bookkeeping or creating accounting systems.

ACC632  Financial Statement Analysis and Business Ethical Standards  
3 Credits  
This course provides an introduction to the structure and format of financial statements, the analysis and interpretation of accounts, ratio analysis, and the assessment of financial performance. It also provides an understanding of the ethical and corporate governance standards that need to be observed and practiced in contemporary financial management.

BIS501  Research Methods  
3 Credits  
This course provides graduate students with an understanding of the frameworks in research. The course covers techniques to gather information, create and develop a research proposal and evaluate research carried out by others. Major areas include interpretive procedures for completing qualitative case studies, (which is the basis for most security research conducted in academic environments), data collection, experimentation, analysis methods, design, survey methods and tools, and field study.

BIS602  Human Resource Management  
3 Credits  
This course is designed to acquaint student with concepts and methods needed to plan and forecast, recruit, train, develop and evaluate human resources. It also provides an understanding of the impact of licensing, regulation and labor relations activities on healthcare institutions. It provides a framework for thinking strategically about the management of human resources in organizations.

BIS603  Accounting: Tools for Decision Making  
3 Credits  
This course is designed for management users of accounting information and considers accounting languages, types of information provided by accounting systems and uses of that information in decision making. It entails an overview of financial accounting, managerial accounting, the management control environment, and budgeting.

BIS668  International Law and Business Ethics  
3 Credits  
This course explores the ethical issues raised by the activities of the business and corporate sphere and the legal complexities of the societies and environments in which they operate. It also focuses on legal and ethical complexities of the transnational business activity.

CDI622  Curriculum Design and Development  
3 Credits  
Within a framework of national and international education reforms, this course critically analyzes philosophical perspectives on curriculum evolution and development. Students compare and contrast international curriculum initiatives as a basis for analysis and evaluation of issues in the current scope and sequence of K-12 curriculum in the UAE. Curriculum and learning theory are utilized to design unit plans appropriate for 21st century learning environments.  
Pre-requisite: EDP610;  
Co-requisite: ETC624;

COM501  Foundations of Communication Studies  
3 Credits  
This course is designed for students entering the CCMS graduate program. It introduces students to the historical development of the discipline and addresses issues involved in conceptualizing and carrying out communication research, including selected contexts (e.g. corporate communication and tourism) and other areas of study (e.g. persuasion and non-verbal communication).
COMS02  Introduction to Communication Research  
3 Credits  
This course presents an introduction to general qualitative and quantitative methodologies typically used by professionals to conduct applied communication research. Example topics include the design, sampling and measurement techniques used in survey research, constructing and conducting in-depth interviews and focus groups, and applying content analysis for comparative and interpretative purposes for message development and media coverage.

COMS04  Cross Cultural Communication  
3 Credits  
This course explores the processes of communication across cultures and between different cultural groups. It focuses on the ways in which identities are constructed, maintained, and negotiated in different cultural contexts and on the ways in which different groups seek to understand and “construct” each other, both in terms of representations and cross-cultural encounters.

COMS06  Understanding Consumer Trends  
3 Credits  
This course introduces the major concepts of consumer behavior, media usage patterns, and key relationships that influence decision-making processes. It also focuses on identifying consumer trends and the importance of applying consumer insights effectively as communication professionals.

COMS07  Social and Digital Media Strategies  
3 Credits  
This course looks at current and emerging social and digital media and examines how they are utilized in the communication industry. The primary drivers within these domains will be strategically analyzed along with the current and emerging forms of enabled communication. Students will obtain a sound understanding of key social and digital media, the ways in which they are used, and how success is measured.

COMS13  Corporate Social Responsibility and Ethics  
3 Credits  
This course provides a detailed understanding of the role and practice of public relations in corporate social responsibility (CSR) and ethical models of communications. Focus on key topics such as: implementation and management of CSR programs as an integrated element of business practice, tailoring CSR to stakeholder needs and conditions, ethical values in public relations, ethical decision making and communication, and codes of ethical practice.

COMS23  Event and Festival Planning and Promotion  
3 Credits  
This course examines the various components of planning and promoting events and festivals. Emphasis is placed on the best practices used by professionals in industry-specific applications and analysis of real-world activities.

COMS50  Applied Research Seminar  
3 Credits  
This course focuses on the development of a relevant literature review, selection of a specific applied methodology, and use of the appropriate methods of analysis to produce an applied research proposal.

COMS51  Capstone Research Project  
3 Credits  
This capstone project course integrates prior learning to develop a viable scholarly investigation and research methodology for an in-depth study and analysis of a selected academic topic. Students receive intensive individual guidance in conceptualizing, designing and completing their study.

COMS52  Advanced Research Project  
3 Credits  
This research project course provides students with direct experience in conducting an independent research project. Research projects will involve aspects of topic development, study design, sample design and/or data collection and statistical analysis, interpretation and completion of written reports. To participate in this course, students must have an academic supervisor for a research project.

ECN655  Macroeconomic Analysis  
3 Credits  
This course aims to give students an in-depth understanding of the different economic concepts that apply to the national and international economy. It also provides an understanding of the world economy by identifying the major current events, analyzing their causes and consequences and setting them in the global context.

ECN658  Monetary Policy  
3 Credits  
This course will provide participants with an understanding of the structure of central banking, its instruments, and its impact on the banking system and the economy. It explains the effect of changes in monetary and interest rates on aggregate economic activity and distribution of resources.

ECN666  Managerial Economics  
3 Credits  
This course focuses on the theoretical relationship of economics to contemporary managerial decision-making. It also focuses on optimization techniques, quantitative and statistical market analysis, pricing and output strategies, international trade, and the role of government.

EDC612  Introduction to Educational Research  
3 Credits  
This course introduces learners to the epistemological foundations of educational research and the major paradigms while highlighting the importance of ethical considerations. The course provides the learners with the skills to become critical consumers of research and addresses the basic ethical and planning requirements for conducting educational research. Qualitative, quantitative, and mixed method designs will be presented and discussed while providing opportunities to critically reflect on the adequacy of each approach to answer particular research questions. Action research will be covered, especially in relation to it relevance to school contexts and ability to enable leaders to make informed decisions. The overall research process will be addressed and learners will apply the principles covered through reviewing and critiquing research articles and preparing a small-scale literature review and specifying the corresponding research question.

Co-requisite: EDP610

EDC620  Data Analysis in Education  
3 Credits  
This course presents an overview of general approaches to qualitative and quantitative data analysis. Students are introduced to descriptive and basic inferential statistics with the aim of allowing them to conduct appropriate analyses in their future practitioner research projects and interpret findings meaningfully. Students will work with qualitative data analysis to identify common themes and patterns to inform their work as leaders in the field. Furthermore, the course provides students with the necessary skills and competencies to critically evaluate educational research findings and their implications to practice.

Pre-requisite: EDC612

EDC625  Curriculum and Standards in an International Context  
3 Credits  
This course is designed to provide an understanding of national and international educational systems that are engaged in the global education reform movement. Candidates critically analyze the development of curricula over time and the purposes behind the emergence of curriculum standards in contemporary times. The future prospects for individualized and informal learning in education will be considered in the context of the region to plan for a movement from the curriculum of the past to 21st century expectations in a dynamic developing environment. By evaluating, comparing, contrasting and analyzing a range of curricula, candidates critically analyze the expected outcomes of students in different contexts.

EDC630  Assessment and Evaluation  
3 Credits  
In this course, candidates will examine the multiple purposes of assessment within national and international educational contexts, and will analyze how they impact student learning. Principles of assessment will be critically analyzed and theoretical perspectives that support various assessment approaches will be explored. Candidates will explore a range of evidence-based...
In this course, candidates will build on knowledge and expertise in analyzing, designing, and implementing classroom management strategies that can provide optimal use of materials in the learning environment and encouraging classroom discipline. To develop autonomy in student learners, the classrooms of the 21st century may access information for remarking and contextualization of new knowledge rather than the transmission of information to be remembered. Educator preparation for this environment requires additional tools, flexible perspectives, and educational research skills.

Pre-requisite: EDP610 ;

EDC632 Advanced Classroom Management
3 Credits
This course provides experienced educators with techniques to advance their professional teaching expertise to lead and manage culturally, physically, and psychologically sensitive learning environments. Classroom management approaches and associated strategies are introduced and critiqued according to research merit. In addition, students learn to design innovative classroom management strategies that can provide optimal use of materials in the learning environment and encouraging classroom discipline. To develop autonomy in student learners, the classrooms of the 21st century may access information for remarking and contextualization of new knowledge rather than the transmission of information to be remembered. Educator preparation for this environment requires additional tools, flexible perspectives, and educational research skills.

Pre-requisite: EDP610 ;

EDC642 Implementing Inclusive Education
3 Credits
This course focuses on principles and models of inclusion and applications to general education settings. It addresses current international and national policies and practice with the aim of developing students' knowledge base and skills regarding inclusive education. The course applies instructional planning, assessment, accommodation strategies and curriculum modification towards developing individualized educational plans to include students with differing needs. Consideration is given to students at risk including those with learning difficulties and various disabilities and impairments. Additionally, there is a focus on students with exceptional abilities. Students are provided with strategies to implement collaborative and supportive initiatives with schools, professional groups, families and the UAE community.

Pre-requisite: SPE615 ;

EDC643 School-Community Partnerships
3 Credits
Using an ecological model, this course focuses on identifying benefits and challenges of fostering partnership arrangements towards improving student learning. Current issues in school-community relationships are discussed and research on school-community partnerships is surveyed. Several school partnership models are explored and critiqued. Based on good practice and informed by social contexts, opportunities are provided for students to identify and recommend strategies toward supporting successful collaboration between schools and community entities. By the end of this course, students will be able to analyze, design and implement educational partnership initiatives in government or private schools in the UAE.

EDC645 Developing Schools as Learning Communities
3 Credits
This course focuses on strategies and processes for building schools as Professional Learning Communities (PLC). It studies education systems and schools as learning organizations and explores the skills and abilities that effective learning communities possess. The course includes a critical analysis of theories and models of organizational development. Further the students will analyze how attitudes, beliefs and perceptions of key stakeholders impact the effectiveness of the PLC and the role of the teacher in such a learning environment.

EDC649 Engaging in Educational Research
3 Credits
In this course, candidates will build on knowledge and expertise acquired in previous courses. They will apply basic inquiry and research skills through planning and implementing a self-selected Practitioner Inquiry project relevant to education in the region. Candidates will have hands-on experience in knowledge dissemination through reporting their findings and presenting them in a conference poster presentation format.

Pre-requisite: EDC612 ; EDC620 ;

EDC695 Research Seminar
3 Credits
This course focuses on the investigation of selected research questions under the direction of the master's committee. It also focuses on the development and demonstration of competence in research design, execution, and presentation of an acceptable master's report.

Pre-requisite: EDP610 ;

EDP610 Educational Psychology
3 Credits
Educational Psychology is the application of the discipline of psychology to education, encompassing the scientific study of human learning and learning processes. Study of the learner, learning and teaching from cognitive, behavioral and social perspectives substantially informs educational practice, necessitating its inclusion as an essential component within education training. In this course, students study major psychological theories, developmental frameworks and motivational principles as they relate to learning. Discussing the corresponding implications for effective learning environments and classroom practice in order to promote the success of all learners in the 21st century learning environments.

Co-requisite: EDC612 ;

ELA614 Strategic Leadership in Education
3 Credits
This foundational course provides an introduction and critical analysis of a range of leadership theories and practices in the development of 21st century learning environments. It includes a critical examination of how different perspectives on leadership can inform practice for educational leaders, managers, and administrators. The course highlights how such practice aligns with and promotes UAE's cultural values. Furthermore, it offers an analysis of national and international standards for educational leaders and opportunities to identify strategic practices for success in a globally connected world. By the end of the course, participants critically reflect on their leadership beliefs and practices and support the development of a personal model.

Pre-requisite: EDP610 ;

ELA627 Educational Improvement and Systemic Change
3 Credits
Within a framework of international educational issues this course considers the effects of change on education, teachers and professional staff, and educational leaders in the UAE. The course builds on leadership theory and current best leadership practice (including team-based approaches) to address the primary responsibilities of school leaders as change agents within their organizations. Strategies for planning, implementing and managing effective change are examined together with skills for organizational diagnosis, assessment practices, use of data and goal setting for organizational improvement and to support successful learning.

Pre-requisite: ELA614 ;

ELA633 Human Performance and Resource Management
3 Credits
This course will focus on the Principal as the leader of learning and serving as an educational change agent within the school. Attention will be given to developing the knowledge, skills and dispositions needed for successful leadership. The focus will be on local challenges in educational leadership and strategies to support change.

ELA635 The Learning Organizations
3 Credits
This course examines models of organizational culture and organizational learning and also addresses implications for successful school leadership and continuous organizational improvement. It critically assesses the relationship between learning organization and individual and collective learning of members of the organization. The leader's role in the development of organizational culture, including communication and conflict resolution is examined and course members then complete a critical analysis of their own organization in relation to theoretical models and perspectives.

ELA647 Leadership, Entrepreneurship, and Learning
3 Credits
The course prepares candidates to create, lead and support innovative educational entrepreneurship and philanthropic initiatives with the purpose of driving higher levels of academic achievement for all primary and secondary students in the United Arab Emirates. The course aims to inspire students with
an entrepreneurial spirit to respond to the challenges of the starting-up process, and to develop their own venture plan; and reflect on what it takes to create, grow, sustain and support the innovation and transition toward institutionalization and long-term sustainability, while taking 21st century multicultural societies into consideration.

ELA648 Graduate Internship 3 Credits
This three-semester 275-hour internship is designed to prompt graduate candidates to engage in increasing responsibility for leading, facilitating, and making decisions typical of those made by school leaders and administrators. The internship will be designed in collaboration between the mentor, faculty supervisor, and graduate student to assure experiences with the elements of the leadership or administrative services position. It is designed to provide the intern with practical leadership experience in an actual educational setting. The intern will have the opportunity to synthesize prior coursework and incorporate content into an operational framework for school development and improvement. Upon completion, students will earn and be assigned a grade of either Pass or Fail. Pre-requisite: EDP610 ; EDC612 ; ELA614 ; ELA627 ; ELA635 ;

ETC624 Educational Technology and Instructional Design 3 Credits
The course focuses on the integration of key insights from research and practice addressing theories of pedagogy and andragogy, the effective use of a variety of technologies in the classroom and facilitating meaningful learning in technology-enhanced and technology-rich environments. It explores the wider meaning of technology as ‘tools to enhance human capabilities’ with hands-on experience in the use of technology. More specifically, the course provides a solid understanding about the fundamentals of Educational Technology, media design, and instructional design theories. Tools to promote higher-order thinking skills, collaboration, creativity, and communication for the benefit of teaching and learning will be investigated. The course will also address ethical, cultural, and privacy issues related to technology integration. Finally, the course will provide the students with the chance to have a hands-on experience in designing and developing technology enhanced instructional modules. Pre-requisite: EDP610 ; Co-requisite: CD6122 ;

ETC638 Contemporary Educational Delivery Models: Issues and Practices 3 Credits
This course focuses on advanced use of contemporary technologies while building on the Educational Technology and Instructional Design (ETC624) course. It explores the various instructional delivery models that emerged as a result of the continuous advancements in digital and mobile technologies while focusing on research findings and their implications for teachers and instructional designers. Up-to-date approaches to program and course delivery will be discussed in detail such as learning management systems, blended-learning models, mobile learning platforms, and massive online learning courses. Finally, the course will provide the students with the opportunity to further develop the technology-enhanced instructional modules they created in ETC624, where the objective will be to create an alternative delivery model that moves beyond the scope of the brick and mortar classroom. Pre-requisite: EDP610 ; ETC624 ;

FIN630 Corporate Finance 3 Credits
This course emphasizes financial management from a management perspective. The course focuses on raising and spending cash both short-term and long-term to create share value.

FIN631 International Finance and Banking 3 Credits
This course gives an overview of international financial markets, exchange rate determination, hedging, financial assets and investing internationally.

FIN633 Statistics and Quantitative Methods for Finance 3 Credits
This course studies quantitative methods for both financial and economic analysis, which provide the framework for rational financial decision-making in contemporary financial management. The course will include contents of business mathematics, descriptive statistics, probability, hypothesis testing techniques for statistical analysis, and financial econometrics.

FIN634 Fundamentals of Asset Valuation 3 Credits
This course introduces students to fundamentals of equity analysis, portfolio construction and management, and the valuation of derivatives. Also studied in this course are Fixed Income Securities and Interest Rate Modeling, which cover the principles of fixed income portfolio management.

FIN638 Islamic Finance Principles 3 Credits
This course examines the core principles of Islamic finance. Its aims are to develop an appreciation of the Sharia compliant financial products and the rationale for the prohibition of Riba (usury) in Sharia compliant financial instruments. The course will look in detail at the technical financial strategies applied by Islamic banks with detailed analysis of Islamic asset and fund management and risk sharing concepts (PLS model). Additionally, this course will examine the Islamic Sukuk (bond) market and Islamic Takaful (insurance).

FIN656 The Financial and Banking System 3 Credits
This course is designed to introduce the economic analysis of banking and financial systems, and thus provide a foundation for further study in money, banking and finance. It explains the nature, functions, and the structure of financial and banking systems, and examines current issues, and analyses intermediaries and markets.

FIN657 Financial Institutions Management 3 Credits
This course focuses on strategies and instruments that banks and financial intermediaries must use to achieve and maintain short and long-term efficiency and profit maximization objectives. It introduces students to strategic content and managerial functions of financial management in banks, and other financial services firms.

FIN659 Financial Markets 3 Credits
Participants will develop an in-depth understanding of financial markets and acquire the knowledge on the operations of different types of financial markets and financial securities traded in those markets. Participants will have an appreciation of the importance, risk and functions of various financial markets.

FIN690 Applied Research in Finance 3 Credits
This course to be undertaken after the completion of all other subjects will draw together the knowledge and skills acquired from most, if not all of the previous subjects, and will focus on the ability to examine certain issues in a real world situation. This course examines the research process, including the design and implementation of methodologically sound projects and the evaluation of research.

HCA600 Ethical, Legal and Social Issues in Health Care 3 Credits
This course focuses on resolving ethical issues in healthcare as well as business ethics, biomedical and research ethical issues, health services to be offered, distribution of resources and developing a personal value system and relating that system to the needs of the community. Covered topics include: concepts of health and disease, social issues in the Emirates, code of ethics and legal systems in the Emirates, and demographic characteristics in the Emirates.

HCA601 Managing in the Health Environment 3 Credits
This course will examine factors that influence leaders in achieving organizational goals with emphasis on human behavior and interaction among health leaders, followers, and the situation. The course centers on the organizational behavior in the health care industry.
HCA604 Leadership and Strategy in Health Care Administration 3 Credits
This course encourages students to apply and integrate knowledge from previous courses and also to reflect upon and analyze their own experience as managers and administrators in the health sector. Different theories of leadership are reviewed and their value assessed in the context of health-related issues and organizations. The development and implementation of strategy in healthcare is explored, focusing on the influence of leadership within particular organizations and in the broader community.

HCA605 Quantitative Methods and Computing for Managers 3 Credits
This course covers basic statistical techniques in an intuitive and practical way through empirical evaluation of statistical models. The module is concerned with computing and computer applications of statistical methods, with some emphasis on the mathematical aspects of the subject and the microcomputer software packages SPSS and EpInfo. Methods used are descriptive measures, quantitative methods, computing and managing, and to government and other sources of data.

HCA606 Comparative Health Care Systems 3 Credits
This course provides students with a fundamental understanding of the concepts, character, organization and financing of health services in various countries in order for them to identify and discuss current trends in healthcare delivery. Topics covered include policy issues, healthcare systems models, global issues, and healthcare organizations.

HCA607 Managerial Epidemiology 3 Credits
This course focuses on concepts of population and personal health and disease for managers. Problems in the measurement, analysis, organization, and administration of intervention programs are highlighted. Subject matter includes concepts of health and disease, disease prevention, demography and health status, and epidemiological basis of decision making.

HCA609 Health Economics and Financial Management 3 Credits
This course emphasizes financial concepts and practices, sources and uses of funds, fiscal policies, internal/external controls, financial statistical reporting and definition of terms. Students discuss economic characteristics of the healthcare industry, including consumer and provider choices, responses of labor/ capital markets and impact of technology. Topics covered include healthcare economics, service management, sources of finance and payer models, and financial management models.

HCA610 Quality Improvement in Health Care 3 Credits
This course presents an introduction to business and health outcomes measurement, processes and organizational relationships and methods for process improvement in health organizations. Topics covered include service management, health outcomes, quality assurance, and service evaluation and accreditation.

HCA611 Health Care Planning and Marketing 3 Credits
This course focuses on the analysis of the environment, demands, processes and methods of planning and marketing for health services. Topics covered include the health value chain, service management, operations, and marketing in healthcare services.

HCA613 Health Care Information Management 3 Credits
This course provides students with the knowledge and skills needed to successfully perform in a leadership role in the current information systems dependent environment. It prepares students for management oversight; design; implementation; and operation of healthcare management information systems. Topics covered include design of health information systems, health information technologies, data security and confidentiality, and transforming data into information.

HIS633 Diplomatic History: the Shaping of Contemporary International Affairs 3 Credits
This course explores the evolution of the international system in the twentieth century and its effects in the shaping of current international affairs. The era of Empires and the dynamics of colonialism around the world open the course, which continues with the onset of the Great War (1914-1918). Followed by the emerging confrontation between Fascism, Liberal Democracy and Communism. The Cold War and the collapse of European empires follow WWII. After the study of the collapse of the Soviet Union, the course will explore new diplomatic challenges and opportunities, and the emergence of new centers of global power.

HLM640 Human Resource Management 3 Credits
This course provides a framework for thinking strategically about the management of human resources in organizations.

HLM663 Organizational Behavior and Leadership 3 Credits
This course focuses on individual, group, and leadership behavior in organizations. Topics covered may include personal performance and stress management; the theory and practice of effective organizational leadership; leading and managing teams; women business leaders and employee diversity; interpersonal, group and organizational communication; employee motivation, empowerment and performance, managing power and politics.

INS649 Enterprise Systems Management 3 Credits
This course explores the rapid development of e-commerce throughout the world. It examines how e-commerce has changed the way goods and services flow from manufacturers and service providers to consumers, and opportunities therein, for new firms.

LAW601 Law and Society 2 Credits
This course develops students' analytical skills to understand the social, cultural, economic and international influences on the legal system of their society. It focuses basically on those facts that directly impact the judicial process and are closely related to the judges' and prosecutors' work and their efforts to achieve the maximum justice in accordance with the highest world standards.

LAW602 New Trends in Civil Law 2 Credits
This course guides students to comprehend the newest and most salient phenomena in civil law – phenomena that they did not study at the baccalaureate level. It also trains students practically with the goal of linking the issues and subjects of civil law they had studied and the realities they live in the United Arab Emirates.

LAW603 New Trends in Criminal Law 2 Credits
This course guides students to comprehend the newest and most salient phenomena in criminal law – phenomena that they did not study at the baccalaureate level. It also trains students practically with the goal of linking the issues and subjects of criminal law they have studied and the realities they live in the United Arab Emirates.

LAW604 New Trends in Commercial Law 2 Credits
This course guides students to comprehend the newest and most salient phenomena in commercial law – phenomena that they did not study in the baccalaureate level. It also trains students practically with the goal of linking the issues and subjects of commercial law they had studied and the realities they live in the United Arab Emirates.

LAW605 New Trends in Administrative Law 2 Credits
This course guides students to comprehend the newest and most salient phenomena in administrative law – phenomena that they did not study at the baccalaureate level. It also trains students practically with the goal of linking the issues and subjects of administrative law they had studied and the realities they live in the United Arab Emirates.
LAW606  English for Legal Purposes  
2 Credits  
This course enriches the students' pool of legal concepts and terminologies in English, so that they can use English sources and converse in English in their respective specializations. The emphasis is on reading, listening and conversation skills.

LAW610  The Judicial Profession and Ethics  
2 Credits  
This course introduces the ethical foundations of the judicial profession in the U.A.E. and focuses on the Islamic values, rules and professional ethics of the judicial profession, which have a profound epistemological, psychological and behavioral impacts on the followers of Islam as a religion and a culture. Students will be exposed not only to the Islamic experience, but also the best contemporary world practices, regardless of their cultural and religious backgrounds.

LAW611  Criminal Procedural Law  
2 Credits  
This course aims at guiding students to comprehend the newest and most salient phenomena in criminal procedural law – phenomena that they did not study in the baccalaureate level. It also trains students practically to link issues and subjects of criminal procedural law they had studied and the realities they live in the United Arab Emirates.

LAW612  Civil Procedural Law  
2 Credits  
This course guides students to comprehend the newest and most salient phenomena in civil procedural law – phenomena that they did not study in the baccalaureate level. It also trains students practically with the goal of linking the issues and subjects of civil procedural law they had studied and the realities they live in the United Arab Emirates.

LAW613  Islamic Legal Theory and the Philosophy of Family Law  
2 Credits  
This course provides a comprehensive view of the general theory of Islamic jurisprudence. Using real Islamic court cases, the course relates the ultimate goals of Islamic jurisprudence and the major juristic rules to family law in a way that enables students to understand the laws and their applications in the general framework of Islamic jurisprudence.

LAW620  Scientific Evidence and Expert Testimony  
2 Credits  
Through training on investigating and scrutinizing scientific evidence in order to assess validity, reliability and appropriateness for use in the court of law, this course prepares students to understand the complex relationships between law and science. Students will also learn how to use the expert testimonies in verifying the validity and credibility of scientific evidence so that the judges and prosecutors can assess its value in the judicial process.

LAW621  Judicial Writing and Research  
3 Credits  
This course trains students to become professional judicial writers and researchers. In this course, students will research and write on different legal issues and challenges and present their research with the highest levels of clarity, linguistic correctness, coherence, argumentation, and persuasion.

LAW622  Case Analysis and Judicial Decision Making  
2 Credits  
This course enables students to understand the factors that impact judicial decisions in court cases in order to achieve justice in their roles as judges and prosecutors.

LAW623  Effective Team Court Management  
2 Credits  
This course trains students to create a sense of collaboration and teamwork among court members so that they work professionally in order to achieve the maximum outcome and the highest level of justice.

LAW624  Alternatives to Judicial Arbitration  
2 Credits  
This course provides students with theoretical knowledge and practical experience necessary to solve judicial disputes in untraditional ways. It focuses on the alternative methods of solving disputes and their conditions, their legality and role in achieving justice and their submission to the judicial authority.

LAW625  Argument Building and Persuasion  
2 Credits  
This course trains students to build logic-based, persuasive legal arguments. Students will learn persuasion methods and skills and how to analyze the addressees' backgrounds and approach and persuade them.

LAW640  Advanced Judicial Writing  
2 Credits  
This course trains students to produce diverse legal texts written in sophisticated but also clear, accurate, and unambiguous Arabic language, so that they can present legal arguments in persuasive and effective ways.

LAW641  Advocacy Skills  
2 Credits  
This course trains students to build the skills necessary to be successful and excellent advocates. Students will gain theoretical knowledge on and practice in skilful oration, argumentation, investigation, and interrogation.

LAW650  Research Project  
6 Credits  
In this research project, the student will produce a master's-level research paper in Judicial Studies.

LAW663  The United Arab Emirates: Political and Administrative Structure  
3 Credits  
This course explores the political and constitutional structure of the United Arab Emirates. Topics include: general theoretical bases of constitutional systems and forms of governments; the structure of the U.A.E.; federal and local powers; legislative, executive, and judicial powers; the working of major ministries and federal institutions such as the Federal National Council and the judicial system. Topics covered also include checks and balances between federal and local institutions, human rights in the U.A.E. constitutional system, and the theory of separation of powers. The course also explores the structure of major institutions dealing with monetary and trade relations at the federal and local levels.

MGT620  Capstone Seminar in Global Business Strategy  
3 Credits  
This course provides a bridge between the taught components of the masters program and its strategic application.

MGT660  Entrepreneurship  
3 Credits  
This course covers the essentials of planning a new venture and financing it. It encourages student teams to develop and present a business plan for a new venture.

MGT664  Global Business Strategy  
3 Credits  
This course encourages student teams to craft and implement strategies for multinational corporations in a competitive global environment using a computer simulation model.

MKT680  Marketing Management  
3 Credits  
This course focuses on managerial decision making in marketing.
and the use of market data and analysis. Emphasis is placed on the inter relationship of marketing concepts, formulating and implementing marketing strategies, policies and systems of control.

**POL614** The Middle East 3 Credits
This course provides students with a graduate level understanding of the economic, political, and social problems affecting Middle Eastern countries. It begins by defining the Middle East through examining its historically continuous formation, with emphasis on the impacts of anti-colonialist movements and post-independent developments. The second part studies the impact of ideas and their translation into action, with a focus on religious, cultural, and intellectual foundations of political interactions. The third part shifts its focus to the international economic system and its impact on the Middle East. The fourth part highlights social actors and agents of change, notably youth, women, media, and civic organizations. The fifth part identifies routes to change, whether through political violence or democratization, conflict or cooperation.

**POL615** Africa 3 Credits
This course provides a graduate level study of the history and ethnography of colonial and postcolonial African societies. Special attention is given to social and political issues affecting modern Africa. In particular the course explores the significance of social structure, kinship, and social security networks; economic systems across the continents; gender relations; ethnicity, ethnic conflicts and foreign intervention; ecology and natural resources; influence and interests of other nations, and the impact of the AIDS epidemic and other health issues.

**POL616** East Asia 3 Credits
This course provides a graduate level study of the history and contemporary East Asian societies, mainly China, Japan and Korea. The course will examine International Relations in the region and the role of national and international forces in shaping contemporary affairs.

**POL617** Latin America 3 Credits
This course provides a graduate level study of contemporary Latin American politics. The course will survey major topics regarding political transformations, social changes, and economic developments in Latin America, Links between Latin America and other regions, in particular the Middle East, will be an essential part of the course.

**POL618** Modern Turkey 3 Credits
This course in Modern Turkey will begin with an introduction to the last days of the Ottoman Empire, the First World War, and the Treaty of Sévres, each of which will help the students to understand the establishment and development of the Modern Middle East in general. The course will move on to explore the Turkish War of Independence, the Treaty of Lausanne and the creation of the modern Republic of Turkey, which will provide the students with a foundation for understanding modern Turkey. The course will proceed to analyse the history of the Republic of Turkey from its establishment to the present and will include important aspects such as Kemalism, the politics of Turkish identity, and the tension between secularism and political Islam, all of which have played a formidable role in the direction of Turkish development. The course will also explore significant diplomatic issues such as Turkey’s application to become a member of the European Union and its role in Syria.

**POL623** International Relations 3 Credits
This course explores international society and foreign policy, with reference to both national and supranational governments, and non-governmental organizations active in the conduct of international affairs. After an overview of game theoretic approaches and classic IR theory, participants explore constructivism and non-positiveist approaches to the subject that developed in the late twentieth century. Throughout, the aim of the course is to present the arguments for, and utility of, competing schools of thought concerning the analysis of international relations. It relates to the practice of diplomacy, while making methodological issues more precise and concrete with reference to empirical cases and foreign policy issues.

**POL643** International Political Economy 3 Credits
This course explores the intersection between politics and economics. It reviews the development of major economic institutions since the end of Y2k in order to understand the different patterns of analysis and the corresponding configuration of international institutions and markets in each phase of development. As such, the course examines how the architecture of international trade and finance developed through the 1960s and 1970s, with a view to understanding the implications of these structures. There is a special focus on the challenges and opportunities facing the Gulf Cooperation Council economies in the 21st century.

**POL653** Public Diplomacy 3 Credits
This course provides practitioners of diplomacy and international affairs with the theoretical knowledge and hands-on skills to be effective international communicators. The first part of the course looks at the principles behind a communications strategy and the development of a communications plan in different contexts and media outlets. The course then proceeds to explore how to launch a communications campaign in the written and audiovisual media; how to deal with reporters, prepare press releases; and handle press conferences. Practical training involves in-class workshops on public speaking techniques, handling of interviews, use of photography and video, among others.

**POL673** International Relations of the UAE 3 Credits
This course examines the political, economic, and social forces involved in shaping the United Arab Emirates foreign policy. Divided into three parts, the course starts with a survey of the history of the U.A.E. foreign relations since the formation of the Union in 1971. This is followed by an examination of the role of domestic institutions, ideas, and local actors that shape the U.A.E. The final part of the course focuses on the structure of the Ministry of Foreign Affairs, and a discussion on the U.A.E. position vis-a-vis major international issues such as the environment, international security, energy, and human rights among others. The course is conducted in Arabic/English.

**POL683** Politics of Oil 3 Credits
This course provides a graduate-level study of contemporary politics of oil by discussing the causes, dynamics, actors and implications of this global quest for oil. It begins with a review of the current oil market and then identifies the major players involved in the oil industry, including consumers/producers and governmental/non-governmental organizations. The course also focuses on the analysis of the complex relationship between oil and international politics, oil and economic development, oil and social development, as well as oil and environmental activism. It is a highly interactive course and features lively debates grounded on real-world case studies of current issues of global, regional and national interests.

**POL693** Security Studies 3 Credits
This course explores the redefinition of security in the 21st century. Offering both a theoretical and policy-oriented approach, it studies traditional theories of security and security regimes, the proliferation of weapons of mass destruction, and international terrorism. However, departing from a state centered view, the course explores threats to security derived from local and global forces such as ethnic, sectarian, and religious conflicts, global migration, transnational crime, and humanitarian crisis of natural or human origin. This course could also run as Special Topics course with thematic focus on topics such as: Terrorism, Failed States, Humanitarian Intervention, and Migration.

**SEC501** Research Methods 3 Credits
This course provides graduate students with an understanding of the frameworks in research. It covers techniques to gather information, create and develop a research proposal and evaluate research conducted by others. Major areas include interpretive procedures for completing qualitative case studies, (which is the basis for most security research conducted in academic environments), data collection, experimentation, analysis methods, design, survey methods and tools, and field study.
SEC505  Information Security  3 Credits  
This course provides an overview of issues related to information security, including confidentiality, integrity, availability, authenticity, and non-repudiation of information. It examines the different types of risks related to personal and organizational computing and how to control these risks through policy, education and training, and technology. Various security techniques are studied related to data protection, Internet browsing, electronic commerce, personal communication, and intrusion detection.

SEC508  Linux Security  3 Credits  
This course focuses on securing computers running the Linux operating system in a networked environment. Topics covered include user account security, file system security, and more emphasis on network security including packet filters and firewalls. Advanced security technologies such as Kerberos may also be covered as time allows. Students will learn how to: audit existing Linux machines; administer and manage a Linux system securely in a networked environment; secure commonly deployed services; and how to securely deploy new services. Any Linux distribution can be used in the lab for demonstrating the concepts covered in this course.  
Pre-requisite: SEC505 ;

SEC510  Information Security Policy, Ethics and Law  3 Credits  
The course covers the roles, issues, and impacts of computer-based information systems in national and international arenas, focusing on privacy, equity, freedom of speech, intellectual property, and access to personal and governmental information. The course presents professional responsibilities, ethics, and common and best practices in information use. Cybercrime is discussed with associated issues in relation to local and international laws.

SEC515  Network and Internet Security  3 Credits  
This course provides a practical and hands-on treatment of network security and applications. The emphasis is on security protocols and applications for securing applications and services, including those used on corporate networks and the Internet. Topics include: (1) Cryptography: a high-level survey of the cryptographic algorithms and protocols underlying network security applications, including encryption, hash functions, digital signatures, and key exchange; (2) Network Security Applications: security tools and applications including Kerberos, X.509/v3 certificates, PKI, S/MIME, IP Security, Web Security (SSL/TLS, SET), wireless/mobile security, and SNMPv3; and (3) System Security: system-level security issues including the threat of an intruder and viruses, and the use of firewalls and trusted systems.  
Pre-requisite: SEC508 ; SEC505 ;

SEC520  Information Security Management  3 Credits  
This course presents the concepts of information security presented in a systems engineering approach to provide managers with tools and understanding needed to allocate scarce security resources effectively. The course covers an introduction to security attributes and policies, threats, vulnerabilities, and risk management concepts. A case study of the architecture of an enterprise security system is developed to include a needs analysis, levels of protection, detection strategies and correction/recovery with crisis management, risk analysis, and business continuity plans.  
Pre-requisite: SEC510 ;

SEC530  Cyber Forensics  3 Credits  
This course provides a hands-on approach to the investigation of crime incidents in which computer or computer technology play a significant or interesting role. Students completing this course will be familiar with the core information technology and practical skills necessary to perform rudimentary computer forensic investigations, understand the role of technology in investigating computer-based crime, and be prepared to deal with investigative bodies at a rudimentary level.  
Pre-requisite: SEC505 ;

SEC535  Advanced Cyber Forensics  3 Credits  
This course discusses advanced topics in cyber forensics. The students are also required to complete a research project. The students in this course will gain practical and research skills necessary to perform advanced cyber forensic investigations. The main topics in this course are: Anti-forensics, e-mail forensics, network forensics, and volatile memory forensics. These advanced topics will aid students in having a more complete understanding of the cyber forensics domain.  
Pre-requisite: SEC530 ;

SEC538  Small Scale Digital Device Forensics  3 Credits  
This course advances the knowledge of students in digital forensics and is concentrated on small scale digital devices. This course provides the students with the skills necessary to retrieve digital evidence from mobile devices in a forensically acceptable manner. Primarily, the students will learn about the ontology of small scale digital devices. The students will also learn about the wireless networks and technologies associated with the devices, and how they can aid in small scale digital device investigations.  
Pre-requisite: SEC535 ;

SEC540  Database and Enterprise Application Security  3 Credits  
Securing the database may be the most important action an organization can take to protect its assets. This course offers both theory of and applications for providing effective security in database management systems. Conceptual frameworks for discretionary and mandatory access control, data integrity, availability and performance, secure database design, data aggregation, data inference, secure concurrency control, secure transactions processing, and database auditing are studied. Students will implement security features using triggers, views and stored procedures as well as study new features such as Virtual Private Database.  
Pre-requisite: SEC505 ;

SEC545  Penetration Testing and Advanced Hacking Techniques  3 Credits  
With the threats of cyber terrorism and corporate espionage increasing, the need for trained network security professionals continues to grow. This course covers penetration-testing advanced tools and techniques that ethical hackers and security testers use to protect computer networks. This course provides a structured knowledge base for preparing security professionals to discover vulnerabilities and recommend solutions for tightening network security and protecting data from potential attackers.  
Pre-requisite: SEC508 ;

SEC570  Advanced Network Security  3 Credits  
This project-based course aims to provide graduate students with an understanding of advanced Network Security concepts in the framework of complete Information Security projects. Students will learn and apply the acquired knowledge throughout the course to further their network security information base. The course will emphasize up-to-date security frameworks and technologies for the provision of secure network settings for enterprise security.  
Pre-requisite: SEC515 ;

SEC575  Cyber Criminal Behavior  3 Credits  
This course focuses on the challenges related to the emergence, prevention, and control of cybercrimes. It uses a multidisciplinary approach so that students can fully appreciate the complex nature of cybercrime and cybercriminal behavior. The course ties together multiple disciplines – Information technology, the sociology/anthropology of cyberspace, computer security, deviant behavior, law, criminal justice, and risk management.  
Pre-requisite: SEC505 ;

SEC579  Risk Assessment and Vulnerability Analysis  3 Credits  
The course further develops the identification and application of information-risk-management models by tracing the entire
life-cycle of information system security planning evaluation, risk assessment, security architecture, incident detection, and responses to vulnerability and threats. Legal, ethical, and business factors that motivate and constrain the definition and implementation of information security management systems are addressed. The course will emphasize current information risk-management strategies and techniques and the challenges for both business and technical personnel to achieve the cost-effective mitigation of security vulnerabilities and threats throughout the enterprise.

Pre-requisite: SECS20 ;

SECS595 Independent Study
3 Credits
This course provides students with an opportunity for an independent study that explores (at an advanced level) a topic of interest in cyber security. In an independent study course there are no lectures and the student is expected to take responsibility for the investigation and completion of a significant topic/project (including a final report) under the direction and supervision of a faculty member.

SECS596 Cyber Security Project
3 Credits
This is an end-of-program project course in which a student completes a substantial “real-world” cyber security project that may be provided by sponsors drawn from both private and government organizations in U.A.E. Projects are developed under the direction of the course instructor and may include members of the sponsoring organization. The execution of each project encompasses the following phases: requirements analysis, design, implementation, documentation, and release.

SECS597 Special Topics in Cyber Security
3 Credits
The purpose of this course is to provide an opportunity for an in-depth treatment of a cyber security topic beyond what is covered in existing courses for the M.S. in Information Technology. Typically, this course would provide students the opportunity to study an evolving/hot new topic area related to studies in cyber security.

SECS599 Independent Research
3 Credits
The purpose of the practicum course is to give you an opportunity to apply what you have learned in the courses you have taken in this program. You will identify an advanced research topic or industry/faculty project that solves a significant problem related to cyber security. You will then research that topic or fulfill the requirements of the project you identified and compose an original paper to document your findings. Finally, you will present your work to interested Faculty and fellow students. Here are some general guidelines: Working with a faculty advisor, a student develops a written research proposal, according to the College proposal guidelines. The proposal must be approved by the faculty advisor. A student works on the research project in an independent study mode, but in consultation with and the oversight of the faculty advisor. The student must submit a final report that reflects the research work that they have conducted for this course. The final report must follow the College guidelines for final reports. The faculty advisor must approve the final report in order to achieve a passing grade for the course.

SPCS10 Public Relations Principles and Practices
3 Credits
This course examines the nature and role of worldwide public relations and the activities of public relations professionals, including major influences that affect organizational behavior, ethics, and professional development of practitioners in private and public sectors. Emphasis is placed on management, measurement and developing effective public relations strategies. The case study method of analysis and study is emphasized.

SPCS11 Advanced Writing for Communication
3 Credits
This course explores writing for mass communication industries. Students acquire practical writing skills for such fields as public relations and journalism at the highest levels of those professions. As such, this is an advanced writing course for the communication practitioner.

SPCS12 Strategic Public Relations
3 Credits
This course develops skills in strategic public relations planning and management. Students explore how to develop public relations strategies and create brand stories by focusing on research, objectives, strategies, tactics and measurement.

SPCS14 Internal Communications
3 Credits
This course provides an in-depth look at communication effectiveness; how to use research to inform internal communication strategies; and change management communication theories. Students explore topics such as: internal communication effectiveness, audit methodologies and application, change management theory, organizational communication and developing organizational identity.

SPCS15 Crisis and Risk Management Communication
3 Credits
This course focuses on the role of public relations in crisis and risk communication strategies and management; emphasizing practical application of theories, research, case approaches of crisis and risk communication; tactics of crisis and risk communication plan; pre and post-crisis planning; crisis communication management and dealing with media, and image restoration.

SPE615 Exploring Diversity
3 Credits
The course explores human diversity and provides application of best practice in special and inclusive education services, within national and international cultural contexts. Characteristics including cognitive, physical, social, and emotional needs are addressed while examining a range of abilities and disabilities. Societal attitudes towards diversity are analyzed within a theoretical framework, and implications for people with diverse learning needs are critically examined.

SPE623 Learning Difficulties: Issues and Practices
3 Credits
This course analyzes historical and current definitions of Learning Difficulties, and explores methods of identifying these students. Candidates will explore the characteristics and diverse needs of learners who experience difficulties across curriculum areas. There will be a focus on critical analysis of learning theories and current research on evidence-based practices designed to improve the performance of people with learning difficulties with particular emphasis on positive supports and meta-cognitive strategies, including the use of technology to support and evaluate student learning.

Pre-requisite: SPE615 ;

SPE626 Behavioral Difficulties: Issues and Practices
3 Credits
This course explores the cognitive, physical, social, emotional and cultural needs of learners with specific behavioral issues and the etiology of a range of behavioral difficulties is analyzed. There is a focus on current research on validated interventions designed to improve the behavior and social skills of people with behavioral disorders. Particular emphasis is placed on the role of positive behavioral support and on behavioral change strategies. Other core components of the course include the exploration of social skills training for students with behavioral challenges as well as exploration of approaches to increase the resilience of at-risk student populations.

Pre-requisite: SPE615 ;

SPE634 Language Development and Communication
3 Credits
This course addresses the development of communication and language acquisition skills in children from birth through primary age. Topics will include informal/functional communication and language assessment procedures. The impact of vision, hearing, and other senses on communication is also examined. Students will analyze current research and explore methods for identifying and addressing communication and language delays with special attention paid to linguistically diverse children whose language development varies from typical developmental range. There will be an emphasis on activities that foster language development supportive of most current approaches.

Pre-requisite: EDP610 ; SPE626 ;
SPE638  Identification and Assessment of People with Behavioral and Learning Difficulties
3 Credits
The course offers a critical perspective of the principles and models for assessment within the context of special education. Topics to be addressed include legal and cultural issues, the formal assessment process, and strategies for monitoring academic progress. The course prepares learners to identify learning and behavioral disabilities, including informal assessment strategies and administration, scoring and interpretation of standardized assessment instruments. In addition, the course focuses on the use of assessment data to develop Individual Educational Program (IEP) and evaluate the effectiveness of such programs within the UAE context.
Pre-requisite: SPE615 ;
Co-requisite: EDC630 ;

SPE644  Policy, Planning & Management of Special & Inclusive Education
3 Credits
Within the context of the UAE legal framework and policy pertaining to special and inclusive education, this course fosters the ability to critically analyze key concepts and systems in effective planning and management for inclusive education. Students study the impact of equal academic and social opportunities of specific aspects of educational provision, strategic allocation of resources, and partnership with parents and the community in empowering supportive change towards a more inclusive society.

TCC520  Tourism Principles and Practices
3 Credits
This course presents an overview of the tourism industry in the 21st Century. Due to tourism’s key role in the national economies of developed and developing countries, governments and other authorities are increasingly involving themselves in the organization, development and control of tourism.

TCC521  Strategic Planning and Development
3 Credits
This course explores the integration of theoretical concepts, techniques and applied research methods used in the strategic development, planning, execution, and evaluation of effective communication campaigns for specific organizations.

TCC522  Tourism Communication
3 Credits
This course focuses on the application of the uses of integrated marketing communication in both traditional and nontraditional media to create awareness, recall, and brand recognition of various types of tourism campaigns.

TCC525  Tourism in the UAE and MENA Region
3 Credits
This course specifically examines tourism in the United Arab Emirates and in the Middle East and North Africa region. The course further explores current and future trends and unique components of the destination. Emphasis is placed on the planning and management of tourism in the region.

TCC527  Cultural Heritage in Tourism
3 Credits
This course investigates the relationship between culture and tourism and builds awareness of cultural and heritage tourism and its various expressions, while directing students in the quest for effective heritage management. Considering cultural and heritage tourism within the global and the local context, this course will provide increased level of theoretical knowledge and research skills necessary for understanding issues in cultural heritage.

Academic Credentials

Aimee Grange, Academic Bridge Program, Master of Arts (M.A), University of Auckland, New Zealand.

Ajda Osifo, Academic Bridge Program, Master of Arts (M.A), University of New South Wales, Australia.

Amanda Bradford, Academic Bridge Program, Master of Arts (M.A), Monterey Institute of International Studies, United States of America.

Amanda Radwan, Academic Bridge Program, Master of Education (M.Ed.), Wollongong University, Australia.

Andrew Bailey, Academic Bridge Program, Master of Arts (M.A), The University of Manchester, United Kingdom.

Andrew McGladery, Academic Bridge Program, Master of Arts (M.A), San Diego State University, United States of America.

Aysen Gilroy, Academic Bridge Program, Master of Science (M.S.), Aston University, United Kingdom.

Beth Wiens, Academic Bridge Program, Master of Arts (M.A), University of Kansas, United States of America.

Cynthia Weston, Academic Bridge Program, Master of Arts (M.A), Pennsylvania State University, United States of America.

Daniel Gheorghe, Academic Bridge Program, Master of Science (M.S.), Central Washington University, United States of America.

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Duncan Pollock, Academic Bridge Program, Master of Arts (M.A), University of London, United Kingdom.

Effrosyni Georgiadou, Academic Bridge Program, Doctor of Philosophy (Ph.D.), University of Essex, United Kingdom.
Elizabeth Jones, Academic Bridge Program, Master of Arts (M.A), University of Southern Queensland, Australia.

Eric Dury, Academic Bridge Program, Master of Science (M.S.), University of Edinburgh, United Kingdom.

Erik Thornquist, Academic Bridge Program, Master of Arts (M.A), University of Idaho, United States of America.

Fatma Burcu Tezcan Unal, Academic Bridge Program, Master of Science (M.S.), Aston University, United Kingdom.

Fatma Elshafie, Academic Bridge Program, Master of Arts (M.A), Ain Shams University, Egypt.

Gregory Samuelson, Academic Bridge Program, Master of Arts (M.A), Seattle Pacific University, United States of America.

Guy Meredith, Academic Bridge Program, Master of Arts (M.A), University of Brighton, United Kingdom.

Helen Newman, Academic Bridge Program, Master of Arts (M.A), University of Exeter, United Kingdom.

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Jaime Buchanan, Academic Bridge Program, Master of Arts (M.A), Wilfrid Laurier University, Canada.

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Ghulame Rubbaniy, College of Business, Doctor of Philosophy (Ph.D.), Erasmus University Rotterdam, Netherlands.

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Ibrahim Bostan, College of Business, Doctor of Philosophy (Ph.D.), Rutgers University, United States of America.

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Laura Matherly, College of Business, Doctor of Philosophy (Ph.D.), The University of Tennessee, United States of America.

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