CATALOG 2018 - 2019

جـــامـــعـــة زايـــد
ZAYED UNIVERSITY

The Zayed University Catalog

2018 -2019

جـــامـــعـــة زايـــد
ZAYED UNIVERSITY

Message from the President

Dear Students,

It is my pleasure to welcome you to Zayed University, a university bearing the name of the late Sheikh Zayed bin Sultan Al Nahyan, founder of the United Arab Emirates, whose legacy of supporting education and investing in the minds of the young generations continues to inspire us to bring the best educational innovations possible to our students. Zayed University has been striving for excellence in education since its establishment in 1998. In less than 20 years, it has grown from a few hundred students to approximately 10,000 undergraduate and graduate students, enrolled in a range of accredited and internationally recognized majors on two modern campuses in Abu Dhabi and Dubai. The University prepares future leaders in their professions, society, and the nation.

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

Our faculty, staff, and administrators are dedicated to ensuring that our programs meet the highest standards of quality and rigor. We proudly carry the accreditation of the Middle States Commission on Higher Education (MSCHE), one of six regional bodies in the United States that award accreditation to higher education institutions, after a thorough review of programs, processes, and policies. In addition to the institution-wide accreditation by the UAE Commission on Academic Accreditation (CAA) and the MSCHE, the majority of our professional programs have received international accreditation from the professional accreditation bodies in the United States. These include the Accreditation Board for Engineering and Technology (ABET) for the Information Technology programs, the National Council for Accreditation of Teachers Education (NCATE) for the College of Education programs, with ZU being the first university to receive NCATE accreditation outside the US. These are in addition to the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC) for the College of Communications and Media Science programs, and substantial equivalency from the National Association of Schools of Art and Design (NASAD) for the college of Art and Creative Enterprises programs. These accreditations put the ZU programs among the select few worldwide meeting the international standards for higher education as formulated by the leading accrediting bodies in the world.

Alongside the academic programs, Zayed University offers an active campus life and a range of services for the students, from academic and personal counseling to sport and health programs, leadership development, career guidance, student clubs, and volunteer opportunities, all included within a rich extracurricular program that engages our students. The Career Counseling office offers a range of opportunities and became the first outside the UK to achieve the Matrix Standard for its services. Through these and others, the university continues to lead the way in developing high quality, internationally recognized, nationally relevant academic programs and within a rich learning environment.

The academic programs and student services focus on you the students and your success. You are our nation's most valuable resource, and we take pride in guiding you to a brighter future. Over the years, programs and people evolve and change, but our students carry our core institutional values of collaboration, innovation, teamwork, leadership, openness, and professional ethics into society and the work environment after graduation.

It is my pleasure to welcome you to Zayed University. I invite you to learn more about your university.

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.

Contents

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
John Rice, Interim Dean

College of Arts and Creative Entreprises
Kevin Badni, Dean

College of Communication and Media Sciences
Dwight Brooks, Dean

College of Education
Rana Tamim, Dean

College of Humanities and Social Sciences
Fares Howari, Acting Dean

College of Natural and Health Sciences
Fares Howari, Dean

College of Technological Innovation
Hany ElKadi, Dean

University College
Belkeis Altareb, Dean

Graduate Studies
Nagi Wakim, Dean

Academic Bridge Program
Wayne Jones, Director

Institute for Community Engagement
Mouawiya AlAwad, Acting Director

Institute for Social and Economic Research
Mouawiya AlAwad, Director

Center for Educational Innovation
Barbara Harold, Acting Director

University Library and Learning Commons
Lilian Li, Director

Student Academic Success
Haseena AlKhateeri, Acting Director

Student Accessibility Services
Fatma AlQassimi, Director

Student Affairs, Dubai
Fathiya AlKhamiri, 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 AlMarzooqui, Director

Zayed University Academic Programs
2018-2019

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. **Minor in Innovation & Entrepreneurship**
6. **Executive Master of Business Administration**
7. **Master of Management in International Business**
8. **Master of Science in Finance**
9. **Graduate Certificate in Business Administration (on-hold)**

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

College of Education
1. **Bachelor of Science in Education 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)
2. **Minor in Education (on hold)**
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 Concentrations in**
   - International Relations
   - Middle East/Gulf Studies
   - Political Economy and Development

2. **Bachelor of Arts in Emirati Studies (***joint program with College of Communication and Media Sciences) (program is closed since 2017)*
3. **Minor in Literature**
4. **Minor in Middle East and GCC Studies**
5. **Minor in Arabic for Media**
6. **Masters 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**
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 Concentrations in:**
   · Security and Network Technologies
   · Web and Mobile Application Development
2. **Bachelor of Science in Information Systems and Technology Management Concentrations in: (***joint program with College of Business***)**
   · Enterprise Systems
   · Management of Information systems
   · 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)**

Zayed University Academic Calendar for 2018 – 2019

Preliminary

Sun 05 Aug 2018	New faculty report
Sun 12 Aug 2018	Return of Academic Administrators & Returning faculty report
Sun-Thu 12-16 Aug 2018	New students Orientation / Assessments and placement exams / Faculty Professional Development Week & Colleges grade appeal decisions

Fall Semester 2018

Sun 26 Aug 2018	Start of classes
Thu 30 Aug 2018	Last day to add /Drop
Thu 06 Sep 2018	Last day to Registration Suspension & withdrawal from a course without failure for Full semester and Term A courses
Thu 18 Oct 2018	Last day of Term A*
Sun 21 Oct 2018	First day of Term B
Thu 01 Nov 2018	Last day to withdraw from a term B course without failure
Thu 13 Dec 2018	Last day of classes*
Sat-Sat 15-22 Dec 2018	Final Exams
Sun 30 Dec 2018	Grades Announcement
Thu 03 Jan 2019	Deadline for student's grade appeals

Winter Break

Sun-Thu 23 Dec 2018-10 Jan 19	Winter break for students
Sun-Thu 23 Dec 2018 -03 Jan 19	Winter break for faculty

Spring Semester 2019

Thu 03 Jan 2019	New faculty report
Sun 06 Jan 2019	Return of Academic Administrators & Returning faculty report
Sun-Thu 06 Jan-10 Jan 2019	New students Orientation / Assessments and placement exams / Faculty Professional Development Week & colleges grade appeals decisions
Sun 13 Jan 2019	Start of classes
Thu 17 Jan 2019	Last day to add/drop
Thu 24 Jan 2019	Last day to Registration Suspension & withdrawal from a course without failure for Full semester and Term A courses
Thu 28 Feb 2019	Last day of Term A*
Sun 03 Mar 2019	First day of Term B
Thu 14 Mar 2019	Last day to withdraw from a term B course without failure

Spring Break

Sun-Thu 31 Mar-11 April 2019	Spring break for students
Sun-Thu 31 Mar-11 April 2019	Spring break for faculty

Spring Semester 2019 continues ...

Sun 14 Apr 2019	Classes resume after Spring break
Thu 09 May 2019	Last day of classes*
Sat-Sat 11-18 May 2019	Final Exams
Sun 19 May 2019	Start of Summer Vacation
Thu 23 May 2019	Grades Announcement
Tue 28 May 2019	Deadline for student's grade appeals

Summer Semester 2019

Tue 28 May 2019	Start of classes
Wed 29 May 2019	Last day to add/drop
Sun 02 June 2019	Last day to withdraw from course without Failure
Tue 23 July 2019	Last day of classes*
Wed-Thu 24-25 July 2019	Final Exams
Tue 30 July 2019	Grades announcement
Thu 01 Aug 2019	Dead line for student's grade appeals

Summer School will run for 8 weeks

*Course file submission must be within 2 weeks of the end of term/semester undergraduate courses

Holidays:

· Arafat Day	Mon	20 Aug 2018
· Eid Al-Adha	Tue – Thu	21 – 23 Aug 2018
· Islamic New Year	Tue	11 Sep 2018
· Prophet's Birthday	Mon	19 Nov 2018
· Martyr's Day	Fri	30 Nov 2018
· National Day	Sun – Mon	02 – 03 Dec 2018
· Isra Wal Miraj	Wed	03 Apr 2019
· Eid Al-Fitr	Tue - Thu	04 – 06 Jun 2019

Note: All National and Religious Holidays are subject to change

Terminology

Academic Integrity	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.
Academic Standing	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
Academic Year	is the period of time which the university use to measure a quantity of study.
Add and Drop	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
Admission	Formal acceptance as a student
Advisor	Faculty member/administrator assigned to counsel students on academic matters. The student is called the advisor's "advisee."
Bachelor's Degree	A four-year minimum undergraduate degree
Calendar, Academic	Annual listing of all official events, dates and deadlines for the academic year
Catalog Year	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.
Common Examinations	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.
Concentration	Concentration within a program that allows a student to focus on an aspect of the program
Co-requisite	A course required to be taken simultaneously with another course
Course	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
Course Load	Total credits for which a student is registered in each semester or term
Credit	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
Curriculum	A structured set of learning outcomes built in a specified set of courses
Department	An academic unit of a college or school
Dismissal	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.
Elective Course	A course selected at a student's discretion after consultation with the advisor
Cocurricular	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
Fee	Charges for services; does not include course tuition
Full-Time Student	An undergraduate student who is registered for 15 or more credit hours in each semester

General Education Requirements	Requirements common to all undergraduate students designed to provide both breadth and concentration in their academic degree programs
Good Standing	Academic designation applied to an undergraduate student who has achieved a cumulative GPA of 2.00 or higher
GPA	Grade point average of the grades earned in ZU courses
Grade Points	Numerical value associated with each grade
ID card	University student identification card providing and controlling access to university facilities and services
Independent Study	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
Major	A student's main field of study
Minor	A secondary field of study requiring 18 credit hours
Petition/Appeal	A written request seeking a waiver of or an exception to a university regulation, policy or deadline
Placement Test	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.
Preparatory Courses	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.
Prerequisite	A course required to be completed prior to registration in another course
Academic Warning	A warning status resulting from the student's unsatisfactory conduct
Academic Probation GPA	Status of any undergraduate student who has less than a 2.00 cumulative
Readmission	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.
Registration	The process of enrolling in classes
Regular Student	A degree-seeking student
Reinstatement	The exceptional act of allowing an academically dismissed student to resume studies following dismissal.
Required Courses	Courses other than free electives prescribed by the college /school necessary for the completion of a degree program
Schedule, Class	A list of courses offered during a semester that specifies the days, hours, locations of classes and the names of the instructors
Student Schedule	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
Semester	Two 16-week periods of instruction followed by an examination period into which the academic year is divided
Suspension	A voluntarily separation of a student from the university for personal reasons. Suspension extends upto two semesters consecutive or non-consecutive.

Term	A period of instruction and exams that is shorter than a semester
Transcript	A student's historical academic record
Transfer Credit	Credit from course work completed at another institution that is accepted at ZU and which may or may not be applicable toward a specific ZU degree
Transfer Student	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.
Tuition	The fees charged for courses each semester or term
Undergraduate	A student who is working toward completion of a bachelor's degree
Withdrawal	The act of officially leaving the university for reasons other than graduation. Students may withdraw from individual courses without withdrawing from the university.

The Zayed University Academic Program Model

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 Programs Learning 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 zin-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 major 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. CRC hours are the same as those of the libraries. 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 Learning Support Services 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 engages 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. Zayed University.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 800 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 meetall 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 2,625 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 Provost Office 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 second week of the semester for semester courses and the end of the first 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 Provost Office is also required.

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.

   a. At-risk students with a CGPA less than or equal to 2.25 shall register for only 12 credit hours.

   b. Students with a disability or with medical needs may register for 12 credit hours, if approval has been given by the Counselor or the Director of the Student Accessibility Services Department.

2. 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.

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

4. 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 maysuspend 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.

i. Students need to submit all appropriate documentation at the time of applying for such suspensions.

ii. The University may grant a third suspension to a student for extraordinary medical or family reasons.

iii. In order to be granted a third suspension, a student must submit an official appeal, with all of the necessary supporting documents, to the Student Case Committee.

iv. The Provost will make the final decision based on the recommendation of the Student Case Committee.

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

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.

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.

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 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 75 credits.

4. ZU does not offer double concentrations.

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 Assistant Dean of the College in the semester in which the absences occurred, the student will be granted a satisfactory withdrawal from the course, or he/she can continue and complete

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.) and should be approved by the Office of Vice President.

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 courses do not bear credit and may not count 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:

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

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 orientation week of the following 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

Tests and Examinations

The following policy applies to formal examinations such as placement or final examinations, which are usually monitored by invigilators. For other examinations, the instructor sets the requirements.

Punctuality

The student is expected to arrive ten minutes before the examination is scheduled to begin. No student will be allowed to enter the examination room after the examination begins.

Student Identification Card

The student must show a University ID card to be admitted to the examination room.

Conduct During the Examination The student must adhere to the rules and regulations set for all tests and examinations. Violation of these rules may result in discipline, including cancellation of the examination (resulting in failure in the course), suspension, or dismissal.

Review of Final Examination Grade

A student may request a grade review of a final examination only during 3 working days from grades announcement 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.

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 2017-

2018.

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 2017-2018, 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 2017-2018.

Classroom Materials and Incidents

For the procedure to challenge classroom materials or incidents, see the Zayed University Student Handbook 2017-2018.

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

Dean's List

The Dean's List honors distinguished students with a semester Grade Point Average of 3.60 or above, and who completed a full load as defined in ACAADM- 04 with no grades of incomplete (I).

Graduation Honors

Any graduating student with a Cumulative Grade Point Average (CGPA) of 3.60 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 3.60 to 3.69: Distinction
- Graduation Honors will be announced at the graduation ceremony and will be recorded on the students' academic transcripts and diplomas.

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 Communication and Masters 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 non-refundable 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:

- $3.50 \leq GPA < 3.70$; 10% tuition costs
- $3.70 \leq GPA < 3.85$; 15% tuition costs
- $3.85 \leq GPA$; 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 $\leq$ 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

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

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 advise 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 prgram 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
- Academic English & Writing Studies
- Interdisciplinary Studies

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.

GEN110	Data Management and Analysis	3
GEN120	Life Skills	3
GEN130	Arabic Concepts	3
GEN140	English Composition I	3
GEN150	The Quest for Happiness	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 v	3
GEN220	Fundamentals of Innovation and Entrepreneurship	3
GEN255	Emirates Studies	3

College of Arts and Creative Enterprises

Departments:

- *Design*
- *Arts and Digital Media*

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)

Minors

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.

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	The Quest for Happiness	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

Required Program Courses		**Credit Hours: (63 Required)**
EWS240	English Composition III (University Requirement)	3
ART205	Art Foundations	3
ART251	Basic Design	3
ARA370	Advanced Arabic language Skills in Art and Design	3
ART201	Principles of Design	3
AVA310	Drawing I	3
AVA345	Digital Video I	3
AAD376	Animation I	3
ART220	Introduction to Art History	3
ART221	Research Methods for Artists and Designers	3
AAD375	3D Modeling	3
AAD377	Animation II	3
ART223	Arts of the Modern World	3
AVA312	Painting I	3
AAD476	Animation III	3
AID477	Advanced Modeling, Lighting and Rendering	3
ADR492	Senior Research Seminar	3
AAD475	Game Design	3
ADR405	Professional Practice	3
ADR496	Senior Project	3
ART490	Internship	3

Required Electives		**Credit Hours: (21 Required)**
2 ART History Elective		6
4 Program Electives		12
1 ZU Elective		3
		Total: 120

ART History Electives List		
AAH322	History Islamic Art and Architecture	3
AAH324	Contemporary Islamic Art and Architecture	3
AAH325	History of Design	3
AAH326	Representation: Exhibition, Display and Interpretation I	3
AAH327	Representation: Exhibition, Display and Interpretation II	3
AAH420	Communities, Curatorial Practices, and Collections	3
AAH422	Contemporary Art Theory	3
AAH425	History of Graphic Design	3

AAH427	History of Animation	3
AAH430	Curatorial Practices	3

Program Electives List		
ART297	Special Topics in Art and Design: Intermediate	3
AVA309	Digital Illustration	3
AID311	Drawing for Designers	3
AVA313	Drawing II	3
AGD314	Illustration and Visual Narrative	3
AVA315	Sculpture I	3
AVA316	Ceramics I	3
AVA317	Storyboarding	3
AVA318	Three-Dimensional Design	3
AVA319	Introduction to Jewelry Design	3
ADR328	Cross Cultural Influences in Design	3
ART330	Art Education	3
AID337	Color and Light Design	3
AVA340	Photography I	3
AVA346	Digital Video II	3
AGD351	Graphic Design I	3
AGD356	Typography I	3
AGD357	Designing for the Web I	3
AGD358	Design for Social Change	3
AGD359	Information Design	3
AVA360	Printmaking I	3
AVA365	Digital Printmaking	3
AVA366	Book Structures I	3
AAD378	Character Modeling	3
ART397	Special Topics in Art and Design	3
AVA411	Painting II	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		Credit Hours: (36 Required)
GEN110	Data Management and Analysis	3
GEN120	Life Skills	3
GEN130	Arabic Concepts	3
GEN140	English Composition I	3
GEN150	The Quest for Happiness	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

Program Required Courses		Credit Hours: (69 Required)
EWS240	English Composition III (University Requirement)	3
ART221	Research Methods for Artists and Designers	3
ART251	Basic Design	3
ARA370	Advanced Arabic language Skills in Art and Design	3
ART201	Principles of Design	3
ART205	Art Foundations	3
ART220	Introduction to Art History	3
AGD351	Graphic Design I	3
ART223	Arts of the Modern World	3
AVA310	Drawing I	3
AGD352	Graphic Design II	3
AGD356	Typography I	3
AGD357	Designing for the Web I	3
AGD451	Graphic Design III	3
AGD452	Packaging Design	3
AGD459	New Media Design	3
ADR492	Senior Research Seminar	3
AGD359	Information Design	3
AGD453	Graphic Design IV	3
AGD456	Typography II	3
ADR405	Professional Practice	3
ADR496	Senior Project	3
ART490	Internship	3

Required Electives	Credit Hours: (15 Required)
2 ART History Electives (preference AAH325 or AAH425)	6
2 Program Electives	6
1 ZU Elective	3
	Total: 120

ART History Electives List		
AAH322	History Islamic Art and Architecture	3
AAH324	Contemporary Islamic Art and Architecture	3
AAH325	History of Design	3

AAH326	Representation: Exhibition, Display and Interpretation I	3
AAH327	Representation: Exhibition, Display and Interpretation II	3
AAH420	Communities, Curatorial Practices, and Collections	3
AAH425	History of Graphic Design	3
AAH427	History of Animation	3
AAH430	Curatorial Practices	3

Program Electives List

ART297	Special Topics in Art and Design: Intermediate	3
AVA309	Digital Illustration	3
AID311	Drawing for Designers	3
AVA312	Painting I	3
AVA313	Drawing II	3
AGD314	Illustration and Visual Narrative	3
AVA315	Sculpture I	3
AVA316	Ceramics I	3
AVA317	Storyboarding	3
AVA318	Three-Dimensional Design	3
AVA319	Introduction to Jewelry Design	3
ADR328	Cross Cultural Influences in Design	3
ART330	Art Education	3
AVA340	Photography I	3
AVA345	Digital Video I	3
AGD355	Designing with Color	3
AGD358	Design for Social Change	3
AGD359	Information Design	3
AVA360	Printmaking I	3
AVA365	Digital Printmaking	3
AVA366	Book Structures I	3
AAD375	3D Modeling	3
AAD376	Animation I	3
ART397	Special Topics in Art and Design	3
ADR421	Material Culture of the United Arab Emirates	3
AGD457	Designing for the Web II	3
AAD476	Animation III	3
ART495	Independent Study	3

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.

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	The Quest for Happiness	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

Required Program Courses		**Credit Hours: (69 Required)**
EWS240	English Composition III (University Requirement)	3
ART201	Principles of Design	3
ART205	Art Foundations	3
ARA370	Advanced Arabic language Skills in Art and Design	3
ART251	Basic Design	3
AID279	CAD I	3
AID287	Interior Design Studio I	3
AID311	Drawing for Designers	3
ART220	Introduction to Art History	3
AID336	Interior Design Studio II	3
AID337	Color and Light Design	3
AID379	CAD II	3
AID391	Interior Design Materials and Construction	3
ART221	Research Methods for Artists and Designers	3
ART223	Arts of the Modern World	3
AID385	Interior Design Studio III	3
AID387	Furniture Design	3
AID388	Environmental Control Systems	3
ADR492	Senior Research Seminar	3
AID486	Interior Design Studio IV	3
ADR405	Professional Practice	3
ADR496	Senior Project	3
ART490	Internship	3

Required Electives		**Credit Hours: (15 Required)**
2 ART History Electives		6
2 Program Electives		6
1 ZU Elective		3
		Total: 120

ART History Electives List		
AAH322	History Islamic Art and Architecture	3
AAH324	Contemporary Islamic Art and Architecture	3
AAH325	History of Design	3
AAH326	Representation: Exhibition, Display and Interpretation I	3
AAH327	Representation: Exhibition, Display and Interpretation II	3
AAH420	Communities, Curatorial Practices, and Collections	3
AAH425	History of Graphic Design	3
AAH426	History of Interior Design	3
AAH430	Curatorial Practices	3

Program Electives List		
ART297	Special Topics in Art and Design: Intermediate	3
AVA309	Digital Illustration	3
AVA310	Drawing I	3
AVA312	Painting I	3
AGD314	Illustration and Visual Narrative	3
AVA315	Sculpture I	3
AVA316	Ceramics I	3
AVA318	Three-Dimensional Design	3
AVA319	Introduction to Jewelry Design	3
ADR328	Cross Cultural Influences in Design	3
ART330	Art Education	3
AVA340	Photography I	3
AVA345	Digital Video I	3
AGD351	Graphic Design I	3
AGD356	Typography I	3
AGD357	Designing for the Web I	3
AGD358	Design for Social Change	3
AGD359	Information Design	3
AVA360	Printmaking I	3
AVA365	Digital Printmaking	3
AVA366	Book Structures I	3
AAD375	3D Modeling	3
AAD376	Animation I	3
AID389	Basic Architecture	3
ART397	Special Topics in Art and Design	3
AVA418	Installation	3
ADR421	Material Culture of the United Arab Emirates	3
AID477	Advanced Modeling, Lighting and Rendering	3
ART495	Independent Study	3

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		Credit Hours: (36 Required)
GEN110	Data Management and Analysis	3
GEN120	Life Skills	3
GEN130	Arabic Concepts	3
GEN140	English Composition I	3
GEN175	Introduction to Information Technology	3
GEN185	Methods of Scientific Research and Development	3
GEN150	The Quest for Happiness	3

GEN135	Islamic Civilization I	3
GEN195	Living Science: Health and Environment	3
GEN220	Fundamentals of Innovation and Entrepreneurship	3
GEN145	English Composition II	3
GEN255	Emirates Studies	3

Program Required Courses		Credit Hours: (57 Required)
EWS240	English Composition III (University Requirement)	3
ART201	Principles of Design	3
ADR405	Professional Practice	3
ART220	Introduction to Art History	3
ADR496	Senior Project	3
ARA370	Advanced Arabic language Skills in Art and Design	3
ART490	Internship	3
ART205	Art Foundations	3
ART221	Research Methods for Artists and Designers	3
ART223	Arts of the Modern World	3
ART251	Basic Design	3
AVA310	Drawing I	3
AVA312	Painting I	3
AVA315	Sculpture I	3
AVA340	Photography I	3
AVA345	Digital Video I	3
AVA360	Printmaking I	3
AVA313	Drawing II	3
ADR492	Senior Research Seminar	3

Required Electives		Credit Hours: (27 Required)
2 Art History Elective		6
6 Program Electives (Preference AGD351 or AGD357)		18
One ZU Elective		3
		Total: 120

ART History Electives List		
AAH322	History Islamic Art and Architecture	3
AAH324	Contemporary Islamic Art and Architecture	3
AAH325	History of Design	3
AAH326	Representation: Exhibition, Display and Interpretation I	3
AAH327	Representation: Exhibition, Display and Interpretation II	3

AAH420	Communities, Curatorial Practices, and Collections	3
AAH422	Contemporary Art Theory	3
AAH427	History of Animation	3
AAH430	Curatorial Practices	3

Program Electives List

ART297	Special Topics in Art and Design: Intermediate	3
AVA309	Digital Illustration	3
AID311	Drawing for Designers	3
AGD314	Illustration and Visual Narrative	3
AVA316	Ceramics I	3
AVA317	Storyboarding	3
AVA318	Three-Dimensional Design	3
AVA319	Introduction to Jewelry Design	3
ADR328	Cross Cultural Influences in Design	3
ART330	Art Education	3
AVA341	Photography II	3
AVA342	Introduction to Studio Lighting	3
AVA346	Digital Video II	3
AGD351	Graphic Design I	3
AGD356	Typography I	3
AGD357	Designing for the Web I	3
AGD358	Design for Social Change	3
AVA363	Printmaking II	3
AVA365	Digital Printmaking	3
AVA366	Book Structures I	3
AAD375	3D Modeling	3
AAD376	Animation I	3
ART397	Special Topics in Art and Design	3
AVA410	Drawing III	3
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 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, summetry, 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.

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	The Quest for Happiness	3
GEN135	Islamic Civilization I	3
GEN145	English Composition II	3
GEN175	Introduction to Information v	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
Program Required courses		**Credit Hours: (72 Required)**
EWS240	English Composition III (University Requirement)	3
ART201	Principles of Design	3
COM212	Digital Storytelling	3
ARM240	Media Storytelling in Arabic I	3
ART251	Basic Design	3
CIT210	Introduction to IT and Systems	3
COM210	Introduction to Media Storytelling	3
SWE225	Introduction to Programming and Problem Solving	3
NET255	Networks and Telecommunications	3
AGD351	Graphic Design I	3
AAD375	3D Modeling	3
IMT375	Human Computer Interaction	3
MPS380	Web Production	3
COM240	Media Law and Ethics	3
MPS321	Video Production	3
IMT345	Multimedia Systems	3
AAD376	Animation I	3
ISC383	Introduction to Social Media	3
ARM340	Media Storytelling in Arabic II	3
SWE371	Mobile Computing	3
IMT376	Game Development	3
AAD377	Animation II	3
MPS382	Multimedia Production	3
CIT490 or	Internship	3
ART490 or	Internship	3
COM490	Internship	3
Required Electives		**Credit Hours: (12 Required)**
1 Art History Elective		3
3 ZU Electives (CA, CM, or TI)		9
		Total: 120
ART History Electives List		
AAH322	History Islamic Art and Architecture	3

AAH324	Contemporary Islamic Art and Architecture	3
AAH325	History of Design	3
AAH326	Representation: Exhibition, Display and Interpretation I	3
AAH327	Representation: Exhibition, Display and Interpretation II	3
AAH420	Communities, Curatorial Practices, and Collections	3
AAH422	Contemporary Art Theory	3
AAH425	History of Graphic Design	3
AAH427	History of Animation	3
AAH430	Curatorial Practices	3

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

Required Courses		Credit Hours: (15 Required)
ART220	Introduction to Art History	3
ART223	Arts of the Modern World	3
ART251	Basic Design	3
AAH326	Representation: Exhibition, Display and Interpretation I	3
AAH430	Curatorial Practices	3
Elective		**Credit Hours: (3 Required)**
AAH325	History of Design	3
AAH327	Representation: Exhibition, Display and Interpretation II	3
AAH420	Communities, Curatorial Practices, and Collections	3
		Total: 18

College of Business

Departments:

- *Accounting*
- *Finance*
- *Management*
- *Marketing*

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 Certificates

Graduate Certificate in Business Administration (on-hold)

Minors

Innovation & Entrepreneurship

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.

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	The Quest for Happiness	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
Program Required courses		**Credit Hours: (84 Required)**
EWS240	English Composition III (University Requirement)	3
ACC202	Financial Accounting	3
MTH212	Business Calculus	3
ACC203	Managerial Accounting	3
BUS207	Business Communications	3
MTH213	Business Statistics	3
ECN201	Foundations of Microeconomics	3
LAW200	Business Law & Ethics	3
ECN202	Understanding Macroeconomics	3
ARA325	Advanced Arabic language Skills in Business Administration	3
FIN308	Introduction to Finance	3
MGT309	Introduction to Management	3
MKT310	Introduction to Marketing	3
OPR300	Operations Management	3
INS260	Management of Information Systems	3
MGT401	Business Leadership	3
BUS407	Corporate Communication	3
MGT400	Strategic Management	3
BUS491	Internship	3
ACC311	Intermediate Accounting I	3
ACC307	Financial Accounting II	3
ACC403	Strategic Managerial Accounting	3
ACC413	Accounting Information Systems	3
ACC312	Intermediate Accounting II	3
ACC404	Corporate Taxation	3
ACC412	Contemporary Topics in Financial Accounting	3
ACC419	Special Topics in Accounting	3
ACC416	Auditing	3
		Total: 120

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.

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

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	The Quest for Happiness	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

Program Required courses		Credit Hours: (84 Required)
EWS240	English Composition III (University Requirement)	3
ACC202	Financial Accounting	3
MTH212	Business Calculus	3
ACC203	Managerial Accounting	3
BUS207	Business Communications	3
MTH213	Business Statistics	3
ECN201	Foundations of Microeconomics	3
LAW200	Business Law & Ethics	3
ECN202	Understanding Macroeconomics	3
ARA325	Advanced Arabic language Skills in Business Administration	3
FIN308	Introduction to Finance	3
MGT309	Introduction to Management	3
MKT310	Introduction to Marketing	3
OPR300	Operations Management	3
INS260	Management of Information Systems	3
MGT401	Business Leadership	3
BUS407	Corporate Communication	3
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	
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.

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	The Quest for Happiness	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
Program Required Courses		**Credit Hours: (84 Required)**
EWS240	English Composition III (University Requirement)	3
ACC202	Financial Accounting	3
MTH212	Business Calculus	3
ACC203	Managerial Accounting	3
BUS207	Business Communications	3
MTH213	Business Statistics	3
ECN201	Foundations of Microeconomics	3
LAW200	Business Law & Ethics	3
ECN202	Understanding Macroeconomics	3
ARA325	Advanced Arabic language Skills in Business Administration	3
FIN308	Introduction to Finance	3
MGT309	Introduction to Management	3

MKT310	Introduction to Marketing	3
OPR300	Operations Management	3
INS260	Management of Information Systems	3
MGT401	Business Leadership	3
BUS407	Corporate Communication	3
MGT400	Strategic Management	3
BUS491	Internship	3
HRM301	Human Resource Management	3
HRM351	Organizational Behavior	3
HRM456	Management of Employee Relations	3
HRM450	Compensation and Performance	3
HRM451	Staffing	3
HRM452	Learning and Development	3
HRM455	International Human Resource Management	3
HRM457	Organization Development and Change	3
HRM366	Human Resource Information Systems	3
		Total: 120

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.

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	The Quest for Happiness	3
GEN135	Islamic Civilization I	3
GEN145	English Composition II	3
GEN175	Introduction to Information Technology	3
GEN185	Methods of Scientific Research and Development3	3
GEN195	Living Science: Health and Environment	3

GEN220	Fundamentals of Innovation and Entrepreneurship	3
GEN255	Emirates Studies	3
Program Required Courses		**Credit Hours: (84 Required)**
EWS240	English Composition III (University Requirement)	3
ARA325	Advanced Arabic language Skills in Business Administration	3
ACC202	Financial Accounting	3
FIN308	Introduction to Finance	3
MTH212	Business Calculus	3
MGT309	Introduction to Management	3
ACC203	Managerial Accounting	3
MKT310	Introduction to Marketing	3
BUS207	Business Communications	3
OPR300	Operations Management	3
MTH213	Business Statistics	3
INS260	Management of Information Systems	3
ECN201	Foundations of Microeconomics	3
MGT401	Business Leadership	3
LAW200	Business Law & Ethics	3
BUS407	Corporate Communication	3
MGT400	Strategic Management	3
ECN202	Understanding Macroeconomics	3
BUS491	Internship	3
MGT330	Entrepreneurship	3
MKT335	Consumer Behavior	3
MKT432	Integrated Marketing Communication	3
MKT332	Innovation Management	3
MKT439	Brand Management	3
MKT433	Digital Marketing and Commerce	3
MKT434	Global Marketing Management	3
MKT437	Market Research	3
MKT435	Family Business Management	3
		Total: 120

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		Credit Hours: (33 Required)
ACC610	Accounting	3
FIN630	Corporate Finance	3
FIN631	International Finance and Banking	3
HRM640	Human Resource Management	3
MGT660	Entrepreneurship	3
HRM663	Organizational Behavior and Leadership	3
ECN666	Managerial Economics	3
OPR667	Operations Management	3
BUS668	International Law and Business Ethics	3
MKT680	Marketing Management	3
MGT664	Global Business Strategy	3
Required Electives		Credit Hours: (3 Required)
ACC632	Financial Statement Analysis and Business Ethical Standards	3

FIN633	Statistics and Quantitative Methods for Finance	3
FIN634	Fundamentals of Asset Valuation	3
FIN638	Islamic Finance Principles	3
ECN655	Macroeconomic Analysis	3
FIN656	The Financial and Banking System	3
FIN657	Financial Institutions Management	3
ECN658	Monetary Policy	3
FIN659	Financial Markets	3
FIN690	Applied Research in Finance	3
INS649	Enterprise Systems Management	3
MGT669	Cross Cultural Management	3
MGT620	Capstone Seminar in Global Business Strategy	3
		Total: 36

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		Credit Hours: (33 Required)
ACC610	Accounting	3
FIN630	Corporate Finance	3
FIN631	International Finance and Banking	3
HRM640	Human Resource Management	3
HRM663	Organizational Behavior and Leadership	3
MGT664	Global Business Strategy	3
ECN666	Managerial Economics	3
OPR667	Operations Management	3
BUS668	International Law and Business Ethics	3
MGT669	Cross Cultural Management	3
MKT680	Marketing Management	3
Program Elective		Credit Hours: (3 Required)
ACC632	Financial Statement Analysis and Business Ethical Standards	3
FIN633	Statistics and Quantitative Methods for Finance	3
FIN634	Fundamentals of Asset Valuation	3
FIN638	Islamic Finance Principles	3
ECN655	Macroeconomic Analysis	3
FIN656	The Financial and Banking System	3
FIN657	Financial Institutions Management	3
ECN658	Monetary Policy	3
FIN659	Financial Markets	3
FIN690	Applied Research in Finance	3
MGT660	Entrepreneurship	3
INS649	Enterprise Systems Management	3
MGT620	Capstone Seminar in Global Business Strategy	3
		Total: 36

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 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,

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.

Required Program Courses		Credit Hours: (33 Required)
FIN630	Corporate Finance	3
FIN631	International Finance and Banking	3
ACC632	Financial Statement Analysis and Business Ethical Standards 3	3
FIN633	Statistics and Quantitative Methods for Finance	3
FIN634	Fundamentals of Asset Valuation	3
FIN638	Islamic Finance Principles	3
FIN656	The Financial and Banking System	3
FIN657	Financial Institutions Management	3
ECN658	Monetary Policy	3
FIN659	Financial Markets	3
FIN690	Applied Research in Finance	3
Program Elective		Credit Hours: (3 Required)
ACC610	Accounting	3
HRM640	Human Resource Management	3

HRM663	Organizational Behavior and Leadership	3
MGT664	Global Business Strategy	3
ECN666	Managerial Economics	3
OPR667	Operations Management	3
BUS668	International Law and Business Ethics	3
MGT669	Cross Cultural Management	3
MKT680	Marketing Management	3
MGT660	Entrepreneurship	3
MGT664	Global Business Strategy	3
MGT620	Capstone Seminar in Global Business Strategy	3
INS649	Enterprise Systems Management	3
		Total: 36

Minor in Innovation & Entrepreneurship

The Minor in Innovation & Entrepreneurship is designed for students who want to broaden their knowledge beyond their current major by developing practical Entrepreneurship skills to supplement their current field of study. Students will develop an understanding of the principles of Entrepreneurship such as: strategy creation, business modelling, market research, consumer behavior, innovation management, business development and basic financial management.

Required Courses		Credit Hours: (18 Required)
MKT310 or	Introduction to Marketing	3
MKT335	Consumer Behavior *	3
MKT332	Innovation Management	3
MKT340	Social Entrepreneurship and Shared Value	3
MKT440	Entrepreneurial Venture Creation	3
MKT433	Digital Marketing and Commerce	3
MKT437	Market Research	3
		Total: 18

*: students outside CoB have to take Introduction to Marketing [MKT310]

College of Communication and Media Sciences

Departments:

- *Communication*

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 Communication Concentrations in
- Strategic Public Relations
- Tourism and Cultural Communications

Minors:

Minor in Communication And Media Sciences

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 COM200 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

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 prof essionals 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 independently8.   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		Credit Hours: (36 Required)
GEN110	Data Management and Analysis	3
GEN120	Life Skills	3
GEN130	Arabic Concepts	3
GEN140	English Composition I	3
GEN150	The Quest for Happiness	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

Program Required Courses		Credit Hours: (24 Required)
EWS240	English Composition III (University Requirement)	3
COM200	Communication, Media and Society	3
COM210	Introduction to Media Storytelling	3
COM212	Digital Storytelling	3
COM230	Professional and Public Speaking	3
COM240	Media Law and Ethics	3
COM360	Applied Media Research and Analysis	3
COM490	Internship	3

Required Electives		Credit Hours: (39 Required)
2 Program Electives		6
4 Arabic Media Electives		12
7 ZU Electives		21

Concentration in Integrated Strategic Communications		Credit Hours: (21 Required)
ISC251	Introduction to Integrated Strategic Communication	3
ISC353	Writing for Public Relations	3

ISC356	Media Planning and Management	3
ISC357	Creative Advertising	3
ISC359	Integrated Strategic Communication Management & Planning	3
ISC383	Introduction to Social Media	3
ISC451	Integrated Strategic Communication Campaign	3

Concentration in Media Production and Storytelling		Credit Hours: (21 Required)
MPS220	Visual Storytelling	3
MPS361	Media History	3
MPS321	Video Production	3
MPS331	Media and Cultural Criticism	3
MPS341	Audio Production	3
MPS421	Advanced Media Production	3
MPS457	Capstone Project	3

Concentration in Tourism and Cultural Communications		Credit Hours: (21 Required)
TCC371	Tourism Principles	3
TCC372	Communicating Tourism: Destinations, and Heritage	3
TCC237	Interpersonal & Intercultural Communication	3
ISC251	Introduction to Integrated Strategic Communication	3
ISC357	Creative Advertising	3
TCC375	Planning and Promotion for Events and Festivals	3
TCC471	Applied Tourism Project	3
		Total: 120

ARM Electives List		
ARM240	Media Storytelling in Arabic I	3
ARM340	Media Storytelling in Arabic II	3
ARM375	Public Speaking and Professional Presentation in Arabic	3
ARM395	Media Translation Workshop	3

Program Electives List		
COM209	Foundations in Media Writing	3
ISC383	Introduction to Social Media	3
MPS380	Web Production	3
MPS481	Zajel Student Media Production	3

MPS220	Visual Storytelling	3
MPS321	Video Production	3
MPS341	Audio Production	3
TCC375	Planning and Promotion for Events and Festivals	3

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 majors 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. Each course noted below is worth 3 credit hours.

Minor required course		Credit Hours: (6 Required)
COM200	Communication, Media andSociety	3
MPS481	Zajel Student Media Production	3
200 level courses: the student pick two		**Credit Hours: (6 Required)**
COM209	Foundations in Media Writing	3
COM210	Introduction to Media Storytelling	3
COM212	Digital Storytelling	3
COM230	Professional and Public Speaking	3
COM240	Media Law and Ethics	3
TCC237	Interpersonal & Intercultural Communication	3
MPS220	Visual Storytelling	3
300/400 level courses: the student pick two		**Credit Hours: (6 Required)**

ISC383	Introduction to Social Media	3
MPS331	Media and Cultural Criticism	3
MPS361	Media History	3
TCC371	Tourism Principles	3
TCC375	Planning and Promotion for Events and Festivals	3
MPS321	Video Production	3
		Total: 18

Master of Arts in Communication

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 Communication 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 Communication 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.

Program Required Courses		
	Credit Hours: (21 Required)	
COM501	Foundations of Communication Studies	3
COM502	Communication Research Methods	3
COM504	Cross Cultural Communication	3
COM506	Understanding Consumer Trends	3
COM507	Social and Digital Media Strategies	3
COM513	Corporate Social Responsibility and Ethics	3
COM523	Event and Festival Planning and Promotion	3
Concentration in Tourism and Cultural Communications		
	Credit Hours: (15 Required)	
TCC521	Strategic Planning and Development	3
TCC522	Tourism Communication	3
TCC525	Tourism in the UAE and MENA Region	3
COM550	Applied Research Seminar	3
COM551	Capstone Research Project	3
Concentration in Strategic Public Relations		
	Credit Hours: (15 Required)	
SPC512	Strategic Public Relations	3
SPC514	Internal Communications	3
SPC515	Crisis and Risk Management Communication	3
COM550	Applied Research Seminar	3
COM551	Capstone Research Project	3
		Total: 36

College of Education

Departments:

- Education Studies
- Arabic Language
- English

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

Minor

Minor in Education (on hold)

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

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.

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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.

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	The Quest for Happiness	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
Program Required Courses		**Credit Hours: (54 Required)**
EWS240	English Composition III (University Requirement)	3
EDP202	Human Development	3
EDC350	Education Studies I: The Learner	3
EDC380	Practicum I	3
ETC460	Learning Technologies	3
SPE324	People with Special Needs	3
EWS222	English in the Professions I	3
EDC351	Education Studies II: The Teacher	3
EDC390	Practicum II	3
EWS223	English in the Professions II	3
EDC321	Classroom Management	3
EDC480	Practicum III	3
ARA330	Advanced Arabic language Skills in Education	3
SPE465	Inclusive Classrooms	3
EDC353	Principles and Practices in assessment	3
EDC490	Internship	3
EDC499	Capstone Seminar	3
EDC450	Education Studies III: Curriculum Design	3
Concentration in Early Childhood Education		**Credit Hours: (21 Required)**
ECE314	Early Childhood Program Models	3
ECE207	Early and Middle Childhood Development	3
EDC323	Integrated Curriculum for Early Childhood	3
MSE352	Early Childhood Mathematics and Science	3
APL373	Literacy and English Language Learning I	3
MSE452	Elementary Mathematics and Science	3
APL473	Literacy and English Language Learning II	3
Concentration in School Social Work		**Credit Hours: (21 Required)**
SWK210	Introduction to Social Work	3

SWK225	The Generalist Social Work Practice Process	3
SWK315	Social Work with Individuals & Families	3
SWK325	Social Work with Groups	3
SWK311	Case Management	
SWK415	Social Work with Communities & Organisations	3
SWK432	Professional, Ethical, and Legal Issues	3
Required Electives		**Credit Hours: (9 Required)**
3 Program Electives		9
		Total: 120
Program Electives List		
EDC316	Parents as Educators	3
APL386	Literature for Children	3
APL341	Learning English in Schools	3
EDP307	Adolescent Development	3
SWK310	Diversity in a Multicultural Society	3
SWK466	Marriage and the Family	3

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		Credit Hours: (36 Required)
EDP610	Educational Psychology	3
EDC612	Introduction to Educational Research	3
ELA614	Strategic Leadership in Education	3
EDC620	Data Analysis in Education	3
EDC625	Curriculum and Standards in an International Context	3
ELA627	Educational Improvement and Systemic Change	3
EDC630	Assessment and Evaluation	3
ELA633	Human Performance and Resource Management	3
ELA635	The Learning Organizations	3
EDC643	School-Community Partnerships	3
ELA647	Leadership, Entrepreneurship, and Learning	3
ELA648	Graduate Internship	3
		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.

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

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

College of Humanities and Social Sciences

Departments

- Social Sciences
- International Studies
- Islamic World Studies
- Legal 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) **(program is closed since 2017)**

Masters in Diplomacy and International Affairs

Master of Arts in Judicial Studies

Executive Masters in Public Administration (on hold)

Minors

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.

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.

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	The Quest for Happiness	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
Program Required Courses		Credit Hours: (57 Required)
EWS240	English Composition III (University Requirement)	3
HIS251	World History	3
ANT261	Introduction to Culture and Society	3
POL227	Introduction to Political Science	3
HIS204	History of the Twentieth Century	3
SOC200 or	Social and Economic Trends in the Gulf	3
HIS201	History of the United Arab Emirates	3
HIS203	History of the Modern Middle East	3
SOC326	Comparative Intellectual Traditions	3
POL325	Comparative Political Systems	3
ANT328	Critical Thinking	3
FLS361 or	World Cinemas	3
ANT362	Popular Cultures	3
SOC374	Comparative Sociology	3
POL335	International Organizations	3
ARA310	Advanced Arabic language Skills in Social sciences	3
HSS353	Politics of Identity	3
HSS397	Special Topics	3
HSS466	Applied Research Methods	3
HSS497	Senior Seminar: Modernity and its Challenges	3
HSS490	Internship	3
Concentration in International Relations		Credit Hours: (21 Required)
POL330	International Law and World Politics	3
POL331	Principles of International Relations	3
POL332	International Relations in the Gulf Region	3
POL333	Foreign Relations of the United States	3
POL336	Foreign Policy of Emerging Powers	3
ANT430 or	World Regions: Americas	3
ANT431	World Regions: Europe	3

ANT432 or	World Regions: Middle East	3
ANT433 or	World Regions: South Asia	3
ANT434 or	World Regions: East Asia	3
ANT435 or	World Regions: Africa	3
ANT436	World Regions: Mediterranean	3

Concentration in Middle East/Gulf Studies		Credit Hours: (21 Required)
HIS321 or	Heritage of the Gulf	3
ADR421	Material Culture of the United Arab Emirates	3
POL332	International Relations in the Gulf Region	3
POL334	The Politics of Oil	3
HIS381	Legacy of Sheikh Zayed bin Sultan al Nahayan	3
ANT385 or	Bedouin Society	3
ANT455	People and Cultures of the Middle East	3
HIS401	Political History of the UAE	3
ANT432	World Regions: Middle East	3

Concentration in Political Economy and Development		Credit Hours: (21 Required)
ANT302	Cities: Culture, Space, Sustainability	3
POL311	Comparative Social Policy	3
POL334	The Politics of Oil	3
SOC341 or	Development and Underdevelopment	3
SOC423	Issues in National Development	3
POL343	International Political Economics	3
POL352	The State, Society, and the Economy	3
ANT430 or	World Regions: Americas	3
ANT431 or	World Regions: Europe	3
ANT432 or	World Regions: Middle East	3
ANT433 or	World Regions: South Asia	3
ANT434 or	World Regions: East Asia	3
ANT435 or	World Regions: Africa	3
ANT436	World Regions: Mediterranean	3
Required Electives		Credit Hours: (6 Required)
Two ZU Electives		6
		Total: 120

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

(program is closed since 2017)

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.

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.

200-Level Courses Students are required to take the three following 200-level courses:		Credit Hours: (9 Required)
SOC200	Social and Economic Trends in the Gulf	3
HIS201	History of the United Arab Emirates	3
HIS203	History of the Modern Middle East	3

300-Level Courses Students are required to take two of the following six 300-Level courses:		Credit Hours: (6 Required)
HIS321	Heritage of the Gulf	3
POL332	International Relations in the Gulf Region	3
POL334	The Politics of Oil	3
FLS361	World Cinemas	3
HIS381	Legacy of Sheikh Zayed bin Sultan al Nahayan	3
ANT385	Bedouin Society	3

400-Level Courses	Credit Hours: (3 Required)
Students are required to take one of the following three 400-Level courses:	
HIS401	Political History of the UAE	3
ANT455	People and Cultures of the Middle East	3
ANT432	World Regions: Middle East	3
	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.

Required Courses	Credit Hours: (18 Required)
FLS360	Film and Literature	3
FLS363	Drama	3
FLS364	Modern and Contemporary Literature	3
FLS365	The Novel	3
FLS367	World Poetry	3
FLS368	World Fiction	3
	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.

Required courses	Credit Hours: (18 Required)
ARA415	Advanced Arabic Professional Writing	3
ARM240	Media Storytelling in Arabic I	3
ARM375	Public Speaking and Professional Presentation in Arabic	3
ARM395	Media Translation Workshop	3
ARA380	Modern Arabic Syntax	3
ARM340	Media Storytelling in Arabic II	3

Masters 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		Credit Hours: (24 Required)
POL623	International Relations	3
HIS633	Diplomatic History: the Shaping of Contemporary International Affairs	3
POL643	International Political Economy	3
POL653	Public Diplomacy	3

LAW663	The United Arab Emirates: Political and Administrative Structure	3
POL673	International Relations of the UAE	3
POL683	Politics of Oil	3
POL693	Security Studies	3

Area Studies Courses Two courses with an Area Studies focus which are based on the needs of each individual class		Credit Hours: (6 Required)
POL614	The Middle East	3
POL615	Africa	3
POL616	East Asia	3
POL617	Latin America	3
POL618	Modern Turkey	3
		Total: 30

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.

7. 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 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.

LAW603	New Trends in Criminal Law	2
LAW604	New Trends in Commercial Law	2
LAW605	New Trends in Administrative Law	2
LAW606	English for Legal Purposes	2
LAW610	The Judicial Profession and Ethics	2
LAW611	Criminal Procedural Law	2
LAW612	Civil Procedural Law	2
LAW613	Islamic Legal Theory and the Philosophy of Family Law	2
LAW620	Scientific Evidence and Expert Testimony	2
LAW621	Judicial Writing and Research	3
LAW622	Case Analysis and Judicial Decision Making	2
LAW623	Effective Team Court Management	2
LAW624	Alternatives to Judicial Arbitration	2
LAW625	Argument Building and Persuasion	2
LAW640	Advanced Judicial Writing	2
LAW641	Advocacy Skills	2
LAW642	Logic and Legal Reasoning	2
LAW650	Research Project	6
		Total: 45

Program Required Courses		Credit Hours: (45 Required)
LAW601	Law and Society	2
LAW602	New Trends in Civil Law	2

Executive Masters in Public Administration (on hold)

The Executive Masters in Public Administration (EMPA) will not be offered in the 2018-2019 academic year.

College of Natural and Health Sciences

Departments

- **Life and Environmental Sciences**
- **Psychology**
- **Health Sciences**
- **Mathematics**

Degrees

Bachelor of Science in Environmental Science and Sustainability

Bachelor of Science in Public Health and Nutrition

Bachelor of Science in Psychology

Minors

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 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.

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	The Quest for Happiness	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

Program required courses		Credit Hours: (81 Required)
EWS240	English Composition III (University Requirement)	3
ENV240	Principles of Environmental Sustainability	3
MTH214	Mathematics for Science	3
BIO201	Biological Concepts I	4
CHE201	General Chemistry I	4
PHY201	General Physics I	4
MTH281	Probability and Statistics I	3
BIO202	Biological Concepts II	4
CHE202	General Chemistry II	4
PHY202	General Physics II	4
ENV241	Earth Systems	3

CHE365	Fundamentals of Organic Chemistry	4
BIO372	Microbiology	4
BIO351	Ecology and Conservation Biology	4
ENV360	Environmental Policy and Economics	3
PHN466	Research Methods	3
ENV470	Water and Solid Waste Management	3
ARA360	Advanced Arabic language Skills in Environmental sciences	3
CHE471	Environmental Chemistry	3
ENV371	Introduction to Environmental Health	3
ENV490	Internship	3
ENV491	Senior Project	3
ENV474	Energy and Sustainability	3
ENV477	Case Studies in Environmental Hazards	3

Required Electives	Credit Hours: (3 Required)
1 program Elective	3
	Total: 120

Program Electives List		
BIO321	Human Physiology	4
PHN323	Food Sanitation and Hygiene	3
PSY463	Social Psychology II: Psychology of Happiness, Tolerance, & Intergroup Relations	3
PSY212	Introduction to Psychology	3
NUT205	Principles of Nutrition I	3
PBH267	Public Health I	3
CHE331	Biochemistry	3
PSY310	Introduction to Counseling	3
PSY330	Personality and Individual Differences	3
PSY363	Social Psychology I	3

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.

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	The Quest for Happiness	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

Program required courses		Credit Hours: (84 Required)
EWS240	English Composition III (University Requirement)	3
NUT205	Principles of Nutrition I	3
PBH267	Public Health I	3
BIO201	Biological Concepts I	4
CHE201	General Chemistry I	4
PBH367	Public Health II	3
NUT210	Principles of Nutrition II	3
ARA350	Advanced Arabic language Skills in Health sciences	3
CHE202	General Chemistry II	4
NUT307	Nutrition Across the Lifespan	3
NUT328	Diet Planning and Assessment	3
PBH366	Introduction to Epidemiology	3
MTH281	Probability and Statistics I	3
BIO321	Human Physiology	4
BIO372	Microbiology	4
CHE365	Fundamentals of Organic Chemistry	4
PHN316	Community Health and Nutrition	3

NUT412	Medical Nutrition Therapy I	3
PHN466	Research Methods	3
CHE331	Biochemistry	3
PHN450	Planning and Evaluation in Health Promotion and Health Education	3
PHN323	Food Sanitation and Hygiene	3
NUT440	Medical Nutrition Therapy II	3
PHN318	Food Science	3
PHN491	Senior Project in Public Health and Nutrition	3
PHN490	Internship in Public Health and Nutrition	3
		Total: 120

Bachelor of Science in Psychology

The College of Natural and Health Sciences offers the B.S. in Psychology. 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

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.

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	The Quest for Happiness	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

Program Required courses		Credit Hours: (69 Required)
EWS240	English Composition III (University Requirement)	3
PSY212	Introduction to Psychology	3
PSY310	Introduction to Counseling	3

College of Natural and Health Sciences

PSY321	Biological Basis for Behavior	3
PSY207	Developmental Psychology	3
PSY325	Cognitive Psychology	3
ARA355	Advanced Arabic language Skills in Psychology	3
PSY330	Personality and Individual Differences	3
EWS222	English in the Professions I	3
PSY363	Social Psychology I	3
PSY410	Individual and Family Assessment	3
PSY366	Research Methods I	3
PSY371	Organizational Psychology	3
PSY375	Health Psychology	3
PSY340	Mental Health and Psychological Disorders	3
PSY425	Cognitive Psychology II: Reasoning, Problem Solving and Decision Making	3
PSY466	Research Methods II	3
PSY430	Personality and Individual Differences II : Cultural and Contextual Perspectives	3
PSY413	Psychological Interventions	3
PSY490	Internship in Psychology and Human Services	3
PSY491	Senior Project in Psychology and Human Services	3
PSY451	Seminar in Applied Psychology and Human Services	3
PSY463	Social Psychology II: Psychology of Happiness, Tolerance, & Intergroup Relations	3
Required Electives		**Credit Hours: (15 Required)**
Five ZU Electives		15
		Total: 120

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.

Required courses		**Credit Hours: (18 Required)**
NUT205	Principles of Nutrition I	3
PBH267	Public Health I	3
MTH281	Probability and Statistics I	3
PBH366	Introduction to Epidemiology	3
PBH367	Public Health II	3
PHN450	Planning and Evaluation in Health Promotion and Health Education	3
		Total: 18

Minor in Applied Psychology

The College of Natural and Health Sciences offers a minor in Applied Psychology. The minor gives students the opportunity to gain knowledge and skills that would enable them to develop greater insight into the complex factors that affect human behavior. Students in the minor also become more aware of mental health concerns, social implications of behavior, and the interplay of health decisions and psychological factors. Additionally, students become more knowledgeable about similarities and tolerant of differences between human beings. Students also gain an appreciation for the complexity of human interaction within systems. In summary, taking a minor in Applied Psychology enables students to understand and appreciate how behavior is shaped by personality, social, biological, and other psychological factors.

Required courses		**Credit Hours: (18 Required)**
PSY212	Introduction to Psychology	3
PSY330	Personality and Individual Differences	3
PSY340	Mental Health and Psychological Disorders	3
PSY363	Social Psychology I	3
PSY375	Health Psychology	3
PSY451	Seminar in Applied Psychology and Human Services	3
		Total: 18

College of Technological Innovation

Departments

- **Security and Networks**
- **Information Systems Management**

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 in: (joint program with College of Business)

- **Enterprise Systems**
- **Management of Information systems**
- **Business Intelligence**

Master of Science in Information Technology Concentration in Cyber Security

Minors

Minor in Information Systems

Minor in Graduate Certificates

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 an 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

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	The Quest for Happiness	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

Program required courses		Credit Hours: (63 Required)
EWS240	English Composition III (University Requirement)	3
NET256	Computer Network Foundations	3
NET257	Computer Network Foundations Lab	1
MTH215	Computing Foundations	3
SEC235	Information Security Foundations	3
CIT210	Introduction to IT and Systems	3
SWE225	Introduction to Programming and Problem Solving	3
SWE245	Web Development	3
MTH281	Probability and Statistics I	3
CIT300	Technical Communication	3
CIT305	IT in Global and Local Cultures	3
CIT315	Operating Systems Administration	3
SWE320	Programming & Problem Solving	3
SWE321	Programming & Problem Solving Lab	1
ARA320	Advanced Arabic language Skills in Technological Innovation	3
CIT365	Database Systems	3
INS377	IT Project Management	3
CIT460	Systems Analysis & Design	3
CIT461	Systems Analysis and Design Lab	1
CIT466	Data Analytics	3
CIT480	IT Entrepreneurship	3
CIT499	Senior Project	3
CIT490	Internship	3

Concentration in Security and Network Technologies		Credit Hours: (21 Required)
NET351	Computer Network Technologies	3
NET352	Computer Network Technologies Lab	1
SEC330	Ethical Hacking and Countermeasures	3
SEC331	Ethical Hacking and Countermeasures Lab	1
SEC335	Information Security Technologies	3
SEC336	Information Security Technologies Lab	1
SEC435	Digital Forensics Foundations	3
NET455	Wireless Sensor Networks	3
SEC430	Information Security Management	3

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	The Quest for Happiness	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

Program Required Courses		Credit Hours: (63 Required)
EWS240	English Composition III (University Requirement)	3
INS260	Management of Information Systems	3
MTH213	Business Statistics	3
MTH215	Computing Foundations	3

SWE225	Introduction to Programming and Problem Solving	3
CIT210	Introduction to IT and Systems	3
SEC235	Information Security Foundations	3
OPR300	Operations Management	3
FIN308	Introduction to Finance	3
MGT309	Introduction to Management	3
HRM301	Human Resource Management	3
ACC202	Financial Accounting	3
CIT300	Technical Communication	3
ARA320	Advanced Arabic language Skills in Technological Innovation	3
CIT365	Database Systems	3
INS377	IT Project Management	3
CIT460	Systems Analysis & Design	3
CIT480	IT Entrepreneurship	3
CIT466	Data Analytics	3
CIT499	Senior Project	3
CIT490	Internship	3

Concentration in Management of Information systems		Credit Hours: (21 Required)
INS410	IT Audit and Control	3
INS361	Enterprise Resource Planning Systems	3
INS369	Business Process Management	3
CIT372	Cloud Computing	3
INS465	Knowledge Management	3
SEC430	Information Security Management	3
INS468	IT Strategy and Governance	3

Concentration in Enterprise Systems		Credit Hours: (21 Required)
INS361	Enterprise Resource Planning Systems	3
INS362	IT in Logistics and Supply Chain	3
INS463	Enterprise Systems Development	3
INS369	Business Process Management	3
IMT375	Human Computer Interaction	3
INS468	IT Strategy and Governance	3
INS492	Emerging Technologies for the Enterprise	3

Concentration in Business Intelligence		Credit Hours: (21 Required)
SWE320	Programming & Problem Solving	3
SWE321	Programming & Problem Solving Lab	1
MKT310	Introduction to Marketing	3
CIT461	Systems Analysis and Design Lab	1

INS467	Data Warehousing	3
INS476	Data Science	3
INS477	Data Science Lab	1
CIT470	Applied Database Systems	3
MKT433	Digital Marketing and Commerce	3
		Total: 120

Minor in Information Systems

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.

Required courses		Credit Hours: (18 Required)
INS260	Management of Information Systems	3
CIT365	Database Systems	3
INS377	IT Project Management	3
CIT460	Systems Analysis & Design	3
CIT470	Applied Database Systems	3
CIT466	Data Analytics	3
		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.

Required Courses		Credit Hours: (18 Required)
SWE245	Web Development	3
IMT345	Multimedia Systems	3
IMT375	Human Computer Interaction	3
SWE371	Mobile Computing	3
SWE225	Introduction to Programming and Problem Solving	3
CIT480	IT Entrepreneurship	3
		Total: 18

College of Technological Innovation   *2018 - 2019*

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.

Program Required Courses		Credit Hours: (33 Required)
SEC501	Research Methods	3
SEC505	Information Security	3
SEC508	Linux Security	3
SEC530	Cyber Forensics	3
SEC510	Information Security Policy, Ethics and Law	3
SEC535	Advanced Cyber Forensics	3
SEC515	Network and Internet Security	3
SEC538	Small Scale Digital Device Forensics	3
SEC540	Database and Enterprise Application Security	3
SEC520	Information Security Management	3
SEC545	Penetration Testing and Advanced Hacking Techniques	3
Program Elective		Credit Hours: (3 Required)
SEC599	Independent Research	3
SEC570	Advanced Network Security	3
SEC575	Cyber Criminal Behavior	3
SEC579	Risk Assessment and Vulnerability Analysis	3
SEC595	Independent Study	3
SEC596	Cyber Security Project	3
SEC597	Special Topics in Cyber Security	3
		Total: 36

ZU Electives List

Course Number	Course Title	Credit hours	College
ART201	Principles of Design	3	CA
ART205	Art Foundations	3	CA
ART220	Introduction to Art History	3	CA
ART221	Research Methods for Artists and Designers	3	CA
ART251	Basic Design	3	CA
AVA340	Photography I	3	CA
LAW200	Business Law & Ethics	3	CB
MGT309	Introduction to Management	3	CB
MKT310	Introduction to Marketing	3	CB
ARM375	Public Speaking and Professional Presentation in Arabic	3	CM
ARM395	Media Translation Workshop	3	CM
COM200	Communication, Media and Society	3	CM
COM230	Professional and Public Speaking	3	CM
COM240	Media Law and Ethics	3	CM
ISC383	Introduction to Social Media	3	CM
TCC375	Planning and Promotion for Events and Festivals	3	CM
ECE207	Early and Middle Childhood Development	3	ED
EDP202	Human Development	3	ED
EDP307	Adolescent Development	3	ED
ARA211	Masterpieces of Arabic Literature	3	ED
ARA222	Muslim Travelogue Literature	3	ED
ARA235	Principles of Translation	3	ED
ARA335	Teaching Arabic Literacy	3	ED
ARA380	Modern Arabic Syntax	3	ED
SWK210	Introduction to Social Work	3	ED
EWS322	Creative Writing: Experiments in Genre	3	ED
EWS331	Introduction to Linguistics	3	ED
EWS335	Implicit English Grammar	3	ED
ANT261	Introduction to Culture and Society	3	HS
ANT362	Popular Cultures	3	HS
ANT385	Bedouin Society	3	HS
FLS361	World Cinemas	3	HS
ISL209	Contemporary Islamic World	3	HS
ISL210	Islamic Political Thought	3	HS
HIS201	History of the United Arab Emirates	3	HS
HIS203	History of the Modern Middle East	3	HS
HIS204	History of the Twentieth Century	3	HS
HIS251	World History	3	HS
HIS381	Legacy of Sheikh Zayed bin Sultan al Nahayan	3	HS
HSS353	Politics of Identity	3	HS
POL227	Introduction to Political Science	3	HS
POL335	International Organizations	3	HS
SOC200	Social and Economic Trends in the Gulf	3	HS
SOC326	Comparative Intellectual Traditions	3	HS
SOC374	Comparative Sociology	3	HS

NUT205	Principals of Nutrition I	3	NH
PBH267	Public Health I	3	NH
PSY363	Social Psychology I	3	NH
MTH215	Computing Foundations	3	NH
MTH390	Selected Research Project	3	NH
CIT210	Introduction to IT and Systems	3	TI
IMT375	Human Computer Interaction	3	TI
INS260	Management of Information Systems	3	TI
NET255	Networks and Telecommunications	3	TI
SEC235	Information Security Basics	3	TI

Research

Zayed University fosters research and creative activity that addresses 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, can contribute to its research agenda and can build research capacity of students. The University faculty use their diverse international research experiences and engage with contemporary issues of the United Arab Emirates as the nation undergoes significant economic, social, and cultural change. The faculty also contribute broadly to international scholarship in other significant areas.

The Office of Research 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.

The Office of Research offers a wide range of internal grants:

· Start-Up Grants are offered to new faculty with a terminal degree.

· 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 of teaching reassignment in order to finish a major project.

· 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 Social and Economic Research (ISER) conducts research projects on various economic and social issues relevant to the United Arab Emirates and the Gulf. ISER frequently contracts with faculty to carry out their funded projects. Ministries and other government agencies frequently turn to ISER to carry out research on policy issues related to UAE.

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 on their ongoing research projects as part-time research assistants. Undergraduate research publications are supported through travel funds that allow students to present their work at international conferences. The Office of Research allocates a budget for each College to hold a research conference to showcase the work of its students.

Both undergraduate and 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 obtain direct experience in the research process

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 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

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.

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.

Prefix and Name	
ADV	Advising
AAD	Animation Design
AAH	Art History
ACC	Accounting
ADR	Art and Design Research
AGD	Graphic Design
AID	Interior Design
ANT	Anthropology
APL	Applied Linguistics
ARA	Arabic
ARM	Media in Arabic
ART	Art and Design
AVA	Visual Arts
BIO	Biology
BUS	Business
CDI	Curriculum Design and Instruction
CHE	Chemistry
CIT	Information Technology
COM	Communication and Media Sciences
ECE	Early Childhood Education
ECN	Economics
EDC	Education
EDP	Educational Psychology
ELA	Educational Leadership and Administration
ENG	English
ENV	Environmental Science
ETC	Educational Technology
EWS	English and Writing Studies
FIN	Finance
FLS	Film and Literature Studies
GEN	General Education
HCA	Health Care Administration
HIS	History
HRM	Human Resources Management
HSS	Humanities and Social Sciences
IDS	Interdisciplinary Studies
IMT	Interactive Media
INS	Information Systems
ISC	Integrated Strategic Communication

ISL	Islamic Studies
LAW	Law
MGT	Management
MKT	Marketing
MPS	Media Production
MSE	Math and Science Education
MTH	Mathematics
NET	Network Technologies
NUT	Nutrition
OPR	Operation Management
PBH	Public Health
PHN	Public Health and Nutrition
PHY	Physics
POL	Political Science
PSY	Psychology
PUA	Public Administration
SEC	Information Security
SOC	Sociology
SPC	Strategic Public Communication
SPE	Special Education
SWE	Software Engineering
SWK	Social Work
TCC	Tourism and Culture Communication

Academic Bridge and Developmental Courses

ENG020   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 and 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.
Pre-requisite: ENG 020

ENG040   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.
Pre-requisite: ENG 030

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: ART 251

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 new skills in both traditional and digital technologies for the production of moving images.
Pre-requisite: ART 251 or CIT 210

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: AAD 376; AAD 375

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: AAD 375

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: AAD 375

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: AAD 377

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: ART 223

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: AAH 326 or ART 223

Academic Courses

2018 - 2019

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.

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: ART 223

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: GEN 110 or MTH 281

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: ACC 202

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: ACC 202

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: ACC 202

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, dilative 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: ACC 311

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: ACC 203

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: ACC 311

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: ACC 311

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: ACC 202

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: ACC 311

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: ACC 311 and ACC 307

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: (ART 221 and ART 223) or COM 210;

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: ADR 492; While ADR 492 is the only prerequisite for this course, it is however understood that this course should not be earlier earlier than semester 8 when students have completed the vast majority of their major coursework. ;

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: ART 251

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: AGD 351

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: ART 251

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: ART 251

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 design 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: ART 201 or ART 205

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: ART 251;

AGD451   Graphic Design III
3 Credits
Students will explore and learn a concept of sustainable brand system including naming, logo development, stationery, signage, promotional material, small-scale campaign with poster, and social networking for event announcement. They will refine their design process: research, collaboration, conceptualization, applications, production, interaction with public, presentation, and expanding their understanding of context sensibility and

social responsibility.
Pre-requisite: AGD 352

AGD452   Packaging Design
3 Credits
This is a course in designing and identifying graphic communication for packaging structure. Although some experimentation is done with package design, with an emphasis on the use of type symbols and images on forms and surfaces in three dimensions. Printed materials including prototypes, will be developed from concept up to production.
Pre-requisite: AGD 351

AGD453   Graphic Design IV
3 Credits
The goal of this course is to provide students with skills related to industry practice that recent graduates in graphic design often lack, such as type specification, pre-production file formatting, communicating with printers and following a job through production, understanding business ethics, and costing. Students will be introduced to the organizational structure of design firms, agencies, etc. and be able to differentiate between the various professional roles in a design business and their integration. Students will also understand the requirements of working as a freelance designer, and learn how to create accurate estimates for design briefs. The course will discuss various platforms that a graphic designer could work within such as for-profit commercial or consumer design and non-profit service design.
Pre-requisite: AGD 451

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: AGD 356

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: AGD 357

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 storyboarding, narrative, and non-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: AGD 351

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.

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.
Co-Requisite: AID 279 and AID 311

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: ART 201 or ART 205

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: AID 287 and AID 279 and AID 311
Co-Requisite: AID 337

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: AID 287

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 advanced 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: AID 279

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: AID 336
Co-Requisite: AID 388

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: AID 336 and AID 391

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: AID 391; AID 336

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: AID 287

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: AID 287 and AID 279 and AID 311

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: AAD 375 or AID 379

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: AID 385

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: HIS 251 or SOC 326

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 received 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 the impact that tourism has upon 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 a 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.

APL341   Learning English in Schools
3 Credits
This course explores theories of language acquisition in relation to English Language Learners, and the role of learner variables in language learning. Foundational areas in language pedagogy are analyzed, including comprehensible input, interaction and output, as well as instructional conversations and negotiation of meaning. The course also examines strategies for content and language integrated teaching and learning.

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 teacher candidates to basic principles and practices related to emerging early literacy and language in English for emergent bilingual children from Infancy through Grade 1. Teacher candidates will be introduced to a balanced approach to the development and assessment of early listening, speaking, reading and writing for English Language Learners, with a particular focus on speaking and listening.

APL386   Literature for Children
3 Credits
This course provides an introduction to English literature for children in early and middle childhood. Approaches to the use of children's literature with English Language Learners are explored. The course seeks also to develop teacher candidates' global awareness and cultural responsiveness through reading and discussing how societies express their values and beliefs through children's literature. Teacher candidates also reflect on their personal experiences of Arabic and English literacy.

APL473   Literacy and English Language Learning II
3 Credits
This course introduces teacher candidates to basic principles and practices related to literacy and language in English for young bilingual children from Grade 2 through Grade 5. Teacher candidates will be introduced to a balanced approach to the development and assessment of listening, speaking, reading and writing for English Language Learners, with a particular focus on reading and writing.
Pre-requisite: APL 373

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.

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 listening, and strengthen their speaking skills on subjects relevant to the area of study.
Pre-requisite: GEN 130

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: GEN 130

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: GEN 130

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: GEN 130

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.

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: GEN 130

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: GEN 130

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: GEN 130

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: GEN 130

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.

ARA415   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 stressed. Students will have a fair command of varied vocabulary, succinct and concise style and syntax.

ARM240   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.

ARM340   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: ARM 240 or ARA 240

ARM375   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.

ARM395   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.

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 aim of this course is to teach the student how to develop an understanding of the fundamentals of the visual language used in art and design, and how to use this vocabulary to effectively communicate and convey visual ideas.

ART205   Art Foundations
3 Credits
This course introduces the student to the basic skills of drawing, painting, sculpture, printmaking, video and photography, which will act as a solid foundation for all future courses in CACE. Students will familiarize themselves with a variety of methods

and processes in the use of diverse materials and technologies for art and design communication. The course will explore 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 conventional 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: ART 220

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 ART 201 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 intermediate level in special instances whereby a student designs an individualized, unique course with a faculty member. This course can be developed only by 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 at 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 privates sector. Internships are intended to match the academic background and strengths of students, their interests and future career ambitions.
Pre-requisite: ADR 405 or COM 210

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.

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 rationalize the world through an artistic pathway. This notion is introduced and 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: AVA 310

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: ART 205 or ART 201

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 earths 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 using 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: AVA 340

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: AVA 340

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: ART 251

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: AVA 345 or MPS 321

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: AVA 360

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 pronto plate lithography, 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: ART 201; ART 205

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: AVA 313

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: AVA 312

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: AVA 310

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: AVA 316

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: ART 201; ART 205; ART 251

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.

BIO202   Biological Concepts II
4 Credits
A study of the anatomy and physiology of plants and animals covering their structure, growth, nutrition, transport, reproduction, development, and control systems. This course focuses also on the relationships between structure and function and stresses the evolutionary adaptation and changes in the different systems of the major plant and animal groups.

Pre-requisite: BIO 201

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: BIO 201; CHE 201

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: BIO 202

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: BIO 201; CHE 201

BUS207   Business Communications
3 Credits
This course will introduce students to the primary forms of communication in business organisations. 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 BUS407, BUS490, and BUS499. The aim of this course is to provide students with the opportunity to practice and develop clear, concise and effective communication skills per the expectations of the international business community. Students will develop intercultural awareness of audience and purpose within the business context. Special emphasis will be placed on structural accuracy and the prevention of communication breakdown.
Pre-requisite: EWS 240

BUS407   Corporate Communication
3 Credits
Students will explore some of the many facets of communication within the corporate world, and learn about how companies interact with their stakeholders, both internal and external.
Pre-requisite: BUS 207 or CIT 300

BUS491   Internship
3 Credits
An individualized assignment arranged with an agency, business or other organization to provide guided experience in the field.

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: CHE 201

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: CHE 365

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: CHE 202

CHE471   Environmental Chemistry
3 Credits
The 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: CHE 365

CIT210   Essentials of IT and Infrastructure
3 Credits
The course provides an understanding of modern IT infrastructure and its supporting role in organizations in addition to introducing IT as a profession. It introduces hardware and software, operating systems, and essential network and storage technologies relevant to IT service performance, reliability, security and availability. The theory is accompanied by hands-on activities and labs using current digital tools.

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: EWS 240;

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: CIT 300

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 UNIX, Microsoft Windows, and Apple Mac OS X will be used as vehicles for this study.
Pre-requisite: SWE 225

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: CIT 360 or INS 260 or CIT 210 or INS 261

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: INS 260 or CIT 210

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: CIT 365

CIT461   Systems Analysis and Design Lab
1 Credit
This course accompanies CIT 460 Systems Analysis & Design. It provides hands on practice with requirements modeling and data modelling from the perspective of two different paradigms: object-oriented and procedural. It puts emphasis on documentation by using CASE tools for diagramming and architecture design of specific business requirements. 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: CIT 365

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: CIT 365

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 Web-enabled database applications using Oracle.
Pre-requisite: CIT 365

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 mentored 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.

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.
Pre-requisite: Completed 105 credit hours

COM200   Communication, Media and Society
3 Credits
An introduction to media literacy and a broad survey of the relationship between media industries and society. Exploration of general trends in media industry development, analysis of media texts, and charting of the politics of production and distribution of media. Particular attention is given to placing the Emirati experience in the larger global context.

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 them to develop 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.

COM230   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.

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.

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
The course emphasizes the importance of sociocultural factors in child development in early and middle childhood. It focuses on the inter-relationship between the main domains of development: physical, cognitive, emotional and social. The course emphasizes the growth and behavior of 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 from local and global perspectives.

ECE314   Early Childhood Program Models
3 Credits
This course explores various childhood program models and approaches including integrated curricula. Teacher candidates will become familiar with quality learning environments and curriculum models for children in early and middle childhood.

Teacher candidates will examine the role of these models in local and international contexts with a focus on developmentally appropriate practice, learner-centeredness, supportive quality teaching, and respect for children's diverse needs.

ECN201   Foundations of Microeconomics
3 Credits
Introduces students to trade-offs that must occur in daily socio-economic transactions in order to allocate scarce resources.
Pre-requisite: MTH 212 or MTH 118

ECN202   Understanding Macroeconomics
3 Credits
Study of economy-wide phenomena, including inflation, unemployment, the monetary system, economic growth, monetary and fiscal policies.
Pre-requisite: ECN 201

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: ECE 207

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.

EDC350   Education Studies I: The Learner
3 Credits
The course focuses on how learners learn. It addresses learning theories and their implications for knowledge and skills development. Teacher candidates and school social work candidates are introduced to a range of perspectives on learning as well as developing an awareness of individual differences among learners. The course includes methods and tools for the observation of learning environments.

EDC351   Education Studies II: The Teacher
3 Credits
The course focuses on education professionals as designers and facilitators of learning. It builds on teacher candidates' and school social work candidates' knowledge of learning theories and their practical implications for knowledge and skills development. The course explores a range of instructional and intervention strategies with a focus on learner-centeredness.
Pre-requisite: EDC 350

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 experience the interconnectedness of learning and assessment and the role of assessment data in planning.

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 course focuses on methods and tools for observation of learning in the classroom context. It makes use of previously acquired theoretical knowledge. Teacher candidates will visit a variety of education settings to complete focused observations on how learners' need are met and reflect on them in relation to learning theories. The emphasis is on observation of the learner within the learning environment context.

EDC390   Practicum II
3 Credits
This laboratory course is a study of teaching in relation to planning for instructional experiences and professional responsibilities and expectations. The candidate will focus on contemporary issues affecting the educator in the UAE. The practicum provides students the opportunity to integrate theory and practice through work with learners and mentor teachers in classrooms scaffolded by their professor.
Pre-requisite: EDC 351; EDC 380

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 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: EDC 351

EDC480   Practicum III
3 Credits
In this course, teacher candidates and school social work candidates engage in supervised observation, interaction, and learner support in an educational setting. The course provides opportunities for teacher candidates and school social work candidates to take increasing responsibility within the educational setting. Teacher candidates and school social work candidates engage in planning, teaching, and assessment in small group and whole class contexts, while critically reflecting on their professional practice. Teacher candidates and school social work candidates continue to develop their e-portfolios.
Pre-requisite: EDC 390

EDC490   Internship
3 Credits
Internship (490) is the fourth and final field experience in Zayed University's Bachelor of Science in Education program's Educational Studies sequence. Teacher (TC) and School Social Worker (SSWC) candidates who reach EDC 490 have demonstrated a sound understanding of what it takes to be a professional. They have demonstrated that they know how to plan, implement instruction, assess learning, manage a classroom, groups and individual interactions, and attend to the needs of all students in their classroom and school. They have demonstrated respect and caring for students, colleagues, parents and the community. Candidates have demonstrated that they can collaborate with their colleagues to create learning environments in the school that encourage student learning and development. As aspiring teachers and school social workers, they have learned the importance of being flexible and reflective in their work. During EDC 490, candidates take over a teaching or social work workload consistent with the assignment of an Emirati teacher or social worker in the school. All PLOs and dispositions must be observable during EDC 490. TCs and SSWCs engage in seminars with their university supervisor and receive professional feedback from their mentor teachers, principal, university supervisor, and colleagues in the same work environment, as they work to develop to the maximum extent possible. To complete the EDC 490 course requirements, the intern must attend and participate in all seminars, as well as successfully completing the field experience byassuming full responsibility for classroom teaching or school social work for a minimum of 4 fulltime weeks and a total experience in schools for 12 weeks. Candidates are encouraged to take a maximum number of weeks as full time. They are expected to teach/engage in social work practice in schools with expert mentor teachers/social workers and university supervision for a minimum of 12 weeks or 550 hours in total.
Pre-requisite: EDC 450; EDC 480

EDC499   Capstone Seminar
3 Credits
Exploration of issues in schools, teaching, and school social work will be the focus of this project-based course. Students will reflect on and learn from experiences in the internship. Completion of a final portfolio and Capstone project is required.
Pre-requisite: EDC 480
Co-Requisite: EDC 490

EDP202   Human Development
3 Credits
This course explores the influences of heredity and environment on humans' physical, intellectual, emotional and social development. Students will learn about age-level abilities and behavior.

EDP307   Adolescent Development
3 Credits
This course is a study of development and learning from middle childhood through emerging adulthood. It considers the influences of physical, intellectual, emotional and social development of children, adolescence and emerging adults and examines roles played by family, peers, after-school programs, hobbies and interests, and educational programs in shaping the goals and behavior of young people across these stages. Candidates will look at development of opportunities for increasing responsibilities and abilities, as well as risks and issues that emerge at each stage

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 current debates such as those over 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.

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.

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.

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: CHE 202; BIO 372

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: ENV 240; ENV 241

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 with reference to public health will be on immediate and long-term implications of such hazards.
Pre-requisite: ENV 241

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.

ENV491   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 theory and principles 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.

ETC460   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 part of the blocked co-requisite courses 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.

EWS222   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.

EWS223   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: EWS 222

EWS240   English Composition III
3 Credits
EWS240 builds on skills and understanding established in earlier courses, especially GEN140 and GEN145, and is particularly relevant to the Zayed University goals of critical thinking, information literacy, and language proficiency. In EWS240, 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: GEN 145

EWS322   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.

EWS331   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.

EWS335   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.

FIN308   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: MTH 213 and ACC 202

FIN420   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: FIN 308

FIN421   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: FIN 420

FIN422   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: FIN 308

FIN424   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: FIN 308

FIN425   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: FIN 422

FIN426   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: FIN 424

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: FIN 420

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: FIN 424

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: FIN 424

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 presentation, 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, specialism, 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, culture, and society. 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.

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.

GEN010   Basic Mathematics
0 Credit
This course covers areas of basic mathematics such as simple algebra, solving linear equations in one variable, percentage, graphing linear equations, interpreting graphs, and using basic statistical concepts to summarize data sets. Students are also engaged in applying their knowledge in problem solving situations.
Other Requirements: EMSAT Score 375 and below

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 to which students will apply statistical concepts are taken from a variety of subjects.
Other Requirements: Placement Score (Emsat score) 400+ or GEN010

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 use their experience, skills, and talents to seek out and apply 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 class 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 information: orthographic, semantic, syntactic, and stylistic. GEN130 will help students streamline their academic writing skills in order to express a range of ideas and methods of argumentation clearly and concisely in Modern Standard Arabic. They will learn how to analyze and sort out information, find evidence and evaluate its quality, organize ideas for writing, use the appropriate word choice, create meaningful sentences, and connect all in convincing and coherent arguments. Students can also at this stage learn fluency and clarity in expression through oral presentations of course texts, to communicate ideas to the rest of the class in a correct and accurate manner.

GEN135   Islamic Civilization I
3 Credits
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 and how they 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: GEN 130

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 contexts in which writers write. This course introduces students to effective paragraph structure and to understanding how the paragraph functions within a standard academic essay. Students will also demonstrate reading comprehension and develop the reading skills necessary for success in first-year courses in University College. In this course, students learn about the process of composing, revising, and editing in order to produce clear, concise, and grammatically correct pieces of writing. Students are encouraged to become self-directed learners and to demonstrate comprehension of a variety of texts through writing assignments that focus responses to some of the ideas contained in those texts. These same assignments introduce students to basic rhetorical modes. The course prepares students for GEN145 English Composition II and EWS240 English Composition III.

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 emphasizes a process writing approach. The course prepares students for EWS240 English Composition III.
Pre-requisite: GEN 140

GEN150   The Quest for Happiness
3 Credits
This interdisciplinary course takes students through a journey of connecting with self, others, and community. Students will explore concepts of positive psychology and apply tools to find their purpose and improve their wellbeing. Topics will include meaning, purpose, resilience, motivation, emotional intelligence, gratitude, mindfulness, altruism, empathy, and happiness around the world. This course uses an experiential approach in guiding students to understand and apply core concepts, analyze foundational texts and exercise self-reflection. Students will be exposed to the discourse on how to live a purposeful life and will gain insights and practical strategies to engage in a search for fulfillment.

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. Further, students engage in activities that focus on developing and refining their ability to understand and apply IT concepts, products and services in their personal, academic and professional lives.

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; local 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 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: GEN 120

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 incursion 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 demonstrate 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 a 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 7000 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 stone tool 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 multiple stages 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.

HIS401   Political History of the UAE
3 Credits
This senior level course critically examines the period from 1906 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 narrations co-exist in society today.
Pre-requisite: HIS 201

HRM301   Human Resource Management
3 Credits
The 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: MGT 309 or CIT 300;

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: MGT 309

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: HRM 301

HRM450   Compensation and Performance
3 Credits
The 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: HRM 301

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: HRM 301

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: HRM 301

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: HRM 301

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: MGT 309

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: HRM 301

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.

HSS397   Special Topics
3 Credits
This course will be offered to meet special needs of students and staff that will satisfy a demand for a special topic or area course.

HSS466   Applied Research Methods
3 Credits
Concentration upon applied research methods used to understand socioeconomic issues and public policies. Research skills taught are sampling, questionnaire, design, interviewing, focus groups and field research.

HSS490   Internship
3 Credits
Opportunity for the student to gain practical experience of the workplace relevant to their area of study, with employers in the public or private sector. Internships are intended to match the academic backgrounds and strengths of students, their interests and future career ambitions.

HSS495   Honor Thesis I
3 Credits
In the Honors Thesis course, select students will complete a substantial product of original research or creative work which expands on their undergraduate course of study within the department, ensuring expertise in faculty mentorship. Though the scope and content of projects may vary widely, all Honors theses, whether critical or creative in focus, demonstrate a student's exemplary English writing skills. Thus, students may submit a traditional research project or a creative project that, for example, contains a substantial critical preface. Students will graduate with three extra credits above the program requirement and, upon successfully defending their final project before a panel of faculty members, will receive an "Honors Thesis Option" designation on their official transcripts and diplomas.

HSS496   Honors Thesis II
3 Credits
In the Honors Thesis course, select students will complete a substantial product of original research or creative work which expands on their undergraduate course of study within the department, ensuring expertise in faculty mentorship. Though the scope and content of projects may vary widely, all Honors theses, whether critical or creative in focus, demonstrate a student's exemplary English writing skills. Thus, students may submit a traditional research project or a creative project that, for example, contains a substantial critical preface. Students will graduate with three extra credits above the program requirement and, upon successfully defending their final project before a panel of faculty members, will receive an "Honors Thesis Option" designation on their official transcripts and diplomas.
Pre-requisite: HSS 495

HSS497   Senior Seminar: Modernity and its Challenges
3 Credits
As Senior Seminar, this course synthesizes students' learning experiences and expands their skills in conducting research, writing an original and extended academic paper incorporating some new ideas, and orally presenting and discussing the results of their scholarly work. The course promotes students' ability to think critically, as students will be encouraged to analyze and evaluate different perspectives from multiple sources. This process will be assessed through extensive writing and presentation exercises.Thematically, class discussions and assignments focus on key issues of modernity seen from multiple disciplinary perspectives. The course explores the definition and the challenges facing modernity, as well as the challenges that modernity poses to established beliefs and structures. More specifically, the course examines how various topics, such as power, conflict, consensus, international tensions and cooperation, development, and culture and identity, relate to modernity. Thus, the course is designed to address aspects of modernity that cut across the disciplinary boundaries of the humanities and social sciences.

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 also traces 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 effective interfaces and the relationship of interface design to

productive 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 interaction design projects. Students will also learn to design and evaluate interfaces based on cognitive, 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 focus on team 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: SWE 225

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, IT infrastructure, 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, date 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 fulfilment.
Pre-requisite: INS 260

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: INS 361

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: INS 260

INS377   IT Project Management
3 Credits
The majority of information systems (IS) and information

technology (IT) implementations areintroduced into organizations through projects. This course covers the multi-disciplinary skillsrequired 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 and risk management are developed.
Pre-requisite: INS 260

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.

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: CIT 460

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: CIT 365

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: CIT 365

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 architected 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: INS 260

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: CIT 466

INS477   Data Science Lab
1 Credit
This course accompanies INS 476, 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 deployment using an analytical tool.
Co-Requisite: INS 476

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: INS 260

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: COM351 or COM352 or (ISC 251 and COM 210);

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: ISC 251

ISC357   Creative Advertising
3 Credits
Students will focus on developing the creative dimensions for an Integrated Strategic Communication campaign related to a 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: ISC 251

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: ISC 359

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.

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 virtually 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: MKT 310

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: FIN 308 and MGT 309 and MKT 310

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: FIN 308 and MGT 309 and MKT 310

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.

MKT332   Innovation Management
3 Credits
This courses 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

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: MKT 310

MKT340   Social Entrepreneurship and Shared Value
3 Credits
This course provides students with knowledge and experience of social entrepreneurship and Creating Shared Value. On successful completion of this course, students should understand the nature and importance of Creating Shared Value, and the latest practices in social entrepreneurship, including frugal and circular innovations. In addition, students will also possess the strategic know-how in developing competitive strategies and business models that achieve social and economic impact. This course is a step change from social entrepreneurship or strategy that relies on a donation model, rather it is demonstrates both market driven approaches that at the same time achieve social or environmental impact.

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 strategy, media planning, 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: MKT 310

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: MKT 310

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: MKT 310

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 designed to explore 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: MGT 330

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, community and nation by guiding them through the investigation of a real world business problem.
Pre-requisite: MKT 310

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: MKT 310

MKT440   Entrepreneurial Venture Creation
3 Credits
This course is a holistic teaching and learning approach that enables students to be more entrepreneurial. This course is modelled on the world-renowned Berkeley Method of Entrepreneurship (BMoE) approach that was developed at the Sutardja Center for Entrepreneurship and Technology at University of California, Berkeley. It will be delivered by faculty that are trained in the BMoE and focuses on helping students develop an entrepreneurial mindset and capabilities. This course follows three entrepreneurship components: mindset, networks and frameworks. Frameworks includes entrepreneurship knowledge, cases and tools relating to opportunity recognition, minimum viable product, business models, case studies and sales processes. Networks relates the understanding on entrepreneurship team culture and diversity and an awareness of the entrepreneurship ecosystem of support and connectivity. Finally, Mindset covers activities that develop entrepreneurial behaviors and effectuation, entrepreneurial team culture and the psychology of being an entrepreneur. This course will cover its objectives by a series of assessments that are applied and will culminate in a team-based entrepreneurship project that proposes a new business venture opportunity. Importantly, this course provides students with a real 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).

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.

MPS315   Media Storytelling II
3 Credits
Advanced course in writing for print, broadcast, and web media. Focus on professional media writing in specialized contexts, such as feature writing, writing for film, television, radio, and public affairs writing.
Pre-requisite: COM 210

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.

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.

MPS324   Film and Television Criticism
3 Credits
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
3 Credits
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
3 Credits
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
3 Credits
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 Emirates and GCC media. Discussion of the impact of globalization on media as well as contemporary trends toward convergence of the media.
Pre-requisite: COM 200

MPS380   Web Production
3 Credits
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.
Pre-requisite: COM 212

MPS382   Multimedia Production
3 Credits
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
Pre-requisite: COM 210

MPS421   Advanced Media Production
3 Credits
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.
Pre-requisite: MPS 321

MPS457   Capstone Project
3 Credits
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.
Pre-requisite: MPS 382 or MPS 421;

MPS481   Zajel Student Media Production
3 Credits
A lab course for students to expand skills in writing, research, photography, videography, interviewing, technology, design, communication and problem solving while producing a student publication relevant and entertaining to students, faculty and the community. This is a practical class offering experiential learning in a quasi-professional media setting.

MSE352   Early Childhood Mathematics and Science
3 Credits
This course develops teacher candidates' knowledge of Mathematics and Science pedagogy from Infancy through Grade 1. Teacher candidates examine foundational concepts, process skills, and professional standards in mathematics and science. The integration of math and science with other subjects, including literacy, is a key concept in this course.

MSE452   Elementary Mathematics and Science
3 Credits
This course develops teacher candidates' knowledge of Mathematics and Science pedagogy in the elementary grades. Teacher candidates examine foundational concepts, process skills, and professional standards in Mathematics and Science. The integration of math and science with other subjects, including literacy, is a key concept in this course.
Pre-requisite: MSE 352

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 elementary 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.
Other requirements: CEPA Math Score 150

MTH118   Finite Math with Probability
3 Credits
This course introduces logic and set theory, the language of mathmatics and it uses them in the study of foundational counting principles and basic probability. emphasis is given to practical applications of counting and probability.
Other Requirements: EMSAT Score 400

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: MTH 103

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 co-ordinate systems other than cartesian.The applied topics are chosen from multivariable calculus differential equations and infinite series.
Pre-requisite: MTH 121

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: MTH 212

MTH214   Mathematics for Science
3 Credits
This course is designed to give students the mathematical tools needed to major in a science related field. Students will cover number representation and the real number system, measurement, Algebraic concepts, natural logarithms and exponential functions, and rates of change with an introduction to derivatives and integration.
Pre-requisite: GEN 110

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.

MTH261   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

MTH281   Probability and Statistics I
3 Credits
Topics covered in the course include discrete populations, samples, organization of data, measures of central tendency and dispersions, charts and histograms, probability distribution, estimation, hypothesis testing, correlation, regression and inferential statistics.

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.

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: MTH 122

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.

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 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: MTH 122

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.

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: MTH 281

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.

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: CIT 210
Co-Requisite: NET 257;

NET257   Computer Network Foundations Lab
1 Credit
This course provides hands-on practice for Computer Networking Foundations topics covered in NET256.
Pre-requisite: CIT 210
Co-Requisite: NET 256;

NET350   Communication Networks I
3 Credits
This course introduces routing basics focusing on router configuration, operating system management, protocols, and basic troubleshooting.
Pre-requisite: NET 255 or MTH 215

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 inter-domain 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: NET 257
Co-Requisite: NET 351

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: NET 255; NET 350

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: NET 351 or NET 350

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 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: NUT 205

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: NUT 210

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 addresses nutritional assessment of individuals' in order to plan and design meal plans to meet nutritional needs.
Pre-requisite: NUT 210

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 depth cover upper and lower gastrointestinal diseases, and include medical nutrition therapy.
Pre-requisite: NUT 328

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: NUT 412

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, operations strategy and how the operation function links to other functions in the organization.
Pre-requisite: MTH 212 or MTH 213

PBH267   Public Health I
3 Credits
This course is designed for students who want to consider the question '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 confronts explicitly the political nature of public health. Much disease and ill health has its origins in the way that we organize our society.

PBH366   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.

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.

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: NUT 328

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: BIO 201; CHE 202; NUT 210

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: BIO 201; CHE 201

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 health promotion and health education strategies. It covers different frameworks and theories in program planning and evaluation while providing critical insights on the necessity of adopting a strong evidence-based approach. Students will gain an in-depth understanding of the components of the program from the identification of the public health problem to the evaluation of the program outcomes.
Pre-requisite: PBH 367

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.

PHY201   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.

PHY202   General Physics II
4 Credits
The second part of a two-semester general physics course. Topics cover electromagnetism, including electrostatics, electricity, magnetism, and electromagnetic waves. Students will consider the nature of light as well as nuclear physics and radioactivity. Laboratory experiments emphasize the theoretical concepts and utilize advanced computerized technology.
Pre-requisite: PHY 201

POL227   Introduction to Political Science
3 Credits
This is an introduction to the concepts and ideas of political science. The course focuses on the question of what is politics. Additional concepts of power justice, and the distribution of goods and services will be examined.

POL311   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.

POL324   Contemporary World Issues and Problems
3 Credits
Examines some major problems in global society such as

globalization, nationalism, ethnicity, environmental issues, international migration, why states go to war and how economics are vulnerable to financial crisis.

POL325   Comparative Political Systems
3 Credits
Compares and contrasts different political systems with the aim of assessing the differences and similarities in states from a comparative perspective. Both Western Europe and the developing world are examined. May be repeated for credit if a different region is taken. a) Europe b) Americas c) Middle East d) Africa e) East Asia f) South and Southeast Asia

POL330   International Law and World Politics
3 Credits
This course is a survey into the way in which international politics has shaped the emergence, and the development of a modern international legal system. The course covers the history and major sources of the modern international legal system from multilateral conventions, state practice, court decisions, and the writings of publicists. Parallel to the legal study, the course will explore the challenges and contradictions that world politics impose on the development of an international legal system.

POL331   Principles of International Relations
3 Credits
The course introduces the fundamental concepts, theories, and approaches to the understanding of the international system. It explores various issues, events, and laws that have shaped the development of states and their modern political and economic transformations. Students will study the basic notions of warfare, sovereignty, nationalism, peace, intervention, foreign policy, globalization, the rise of non-state actors, and global governance with an eye to how these constructs have evolved and changed through history.

POL332   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 Corporation Council. Common challenges and opportunities to the Gulf countries are explored in this course: various forms of immigration, a common GCC monetary policy, the political situation in the broader Middle East, and the development of the Iranian nuclear program among others.

POL333   Foreign Relations of the United States
3 Credits
This course explores the role of the American Foreign Policy in the world, and the Middle East in particular. Special attention 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.

POL334   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, and 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. Parallel experience between different regions will be drawn in an effort to understand the local impact of a global industry.

POL335   International Organizations
3 Credits
Since World War II International and Regional Political, Economic, and Social Organizations such as the United Nations, NATO, International Monetary Fund, the European Union, as well as a significant number of non-governmental organizations (NGOs) have become more prominent actors in the International system. Consequently, comprehending the complex relationship and interactions between these organizations and national governments and individuals is essential to understanding the modern world. Moreover, the increasing role of these International Organizations (IOs) in global governance, and other modalities of global cooperation raise critical questions such as: How did IOs emerge? Why do IOs exist? What mission should IOs have? Are IOs effective? Who should control them and to whom are they responsible? How should they be funded? How are the foreign policy goals of its most powerful members pursued or not? What role do they play in global politics and solving global problems? What role do domestic politics play when countries interact with the international organizations? How do IOs foster interstate cooperation and state compliance? How do IOs shape state interests and identities? Why and how do some IOs fail? How do IOs influence some NGOs and their strategies? This course, by examining the role of IOs in global governance, conflict resolution, peacekeeping, and management, human development, security, global trade and the global economy, will address these and other relevant questions. Critical to the course's approach and scholarly inquiry is an examination of the way in which existing International Relations theories (ex. Realist, Liberal, Bureaucratic, Constructivist/Critical etc.) and International Relations scholarship approach the understanding, analysis and critique of International Organizations.

POL336   Foreign Policy of Emerging Powers
3 Credits
Since the end of the Cold War, no single or group of states has been able to effectively and consistently challenge the United States' international leadership militarily, economically, politically, or ideologically. Three major events early in this century – the wars in Afghanistan and Iraq, and the global economic crisis of 2009 – combined to diminish the USA's relative power, while at the same time, states like China, Russia, India, Iran, Brazil, Japan, and Turkey have seen their influence in international politics increase. Will this power shift in global politics lead to a multipolar system? Will these emerging powers continue to support or seek to change the norms and institutions of the current international system? Will any such change be orderly or will the USA actively resist this development?   This course examines the rise of emerging powers, using empirical case studies to analyze the extent to which international relations theories and concepts explain 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. Identifies and explores connections between the forces that influence national development such as imperialism, capitalization and globalization.

POL421   Policy Case Study 1
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 POL 421 Policy Case Study I and further explores policy-making and implementation.

PSY207   Developmental Psychology
3 Credits
This course provides an overview of theories of Human Development from Infancy to Late Adulthood. Students will learn about social and moral development theories, cognitive and physical development stages, as well as an overview of developmental milestones at various stages of life.

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.
Pre-requisite: PSY 212

PSY325   Cognitive Psychology
3 Credits
This course provides students with the principles, approaches, and key theories underpinning 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.
Pre-requisite: PSY 212

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 situation. Additionally, students will utilize case studies to understand how different perspectives approach the same issue as well as the differenttechniqueseach 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.
Pre-requisite: PSY 212

PSY363   Social Psychology I
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.

PSY366 - Research Methods I
3 Credits
This course provides an introduction to research methods in psychology. It covers basic scientific methodology used by psychologists to measure and quantify human behavior and cognition. Topics discussed include how to use scientific literature, research designs, interpretation and presentation of data, descriptive and basic inferential statistics, and ethics in scientific research. Upon completion of this course, students will be able to evaluate information scientifically and discuss its implications and limitations.
Pre-requisite: PSY 212

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.
Pre-requisite: PSY 212

PSY375   Health Psychology
3 Credits
Students will study the sociocultural, psychological, and biological determinants of behavioral risk factors that that affect health. Interventions to improve individual and population health through the modification of behavior or personal relationships will constitute an integral component of the course.
Pre-requisite: PSY 212

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
Pre-requisite: PSY 212

PSY413   Psychological Interventions
3 Credits
This course critically examines different counseling strategies and interventions. Students will develop a clearer understanding of the underlying theoretical approaches, methods, and skills for these strategies. Students will be given opportunities to experience and practice components of therapies.
Pre-requisite: PSY 212

PSY425   Cognitive Psychology II: Reasoning, Problem Solving and Decision Making
3 Credits
This course is designed to introduce students to the scientific study of reasoning, problem solving and decision making. Students will learn about theoretical approaches, research methods, and empirical findings within these three major areas of cognitive psychology. Some questions to be considered are: Are humans fundamentally rational or irrational? How do people solve problems? What is the role of insight in problem solving? What is the distinction between deductive and inductive

reasoning? The course will be interactive and include numerous research activities, such as designing and running demo versions of experiments, collecting and analyzing data, and interpreting research findings.
Pre-requisite: PSY 325

PSY430   Personality and Individual Differences II : Cultural and Contextual Perspectives
3 Credits
This course provides an introduction to cross-cultural psychology. Cross-cultural psychology offers an opportunity to develop an appreciation of the interplay of individual, ethnic, and cultural contributions to personal and group growth and well-being and their role in cross-cultural counseling and interactions. We will focus on both within culture variability as well as between culture variability. The objectives of this course include the mastery of the content areas which will be assessed through your ability to communicate effectively during discussions. In addition, the course objectives will also include your critical thinking skills demonstrated through your performance on the examinations and papers. The course will also look at empirical research findings. Therefore, it is expected students have the basic understanding of research methods and the ability to interpret results effectively.
Pre-requisite: PSY 330

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 divers, 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 traditions. The course will also consider ethical issues and the codes of professional conduct governing the activates of applied psychologists. As a science and group of applied professions, psychology is rapidly evolving. This course will focus on emergent themes and issues, especially those of particular socio-cultural significance for the United Arab Emirates.
Pre-requisite: PSY 212

PSY463   Social Psychology II: Psychology of Happiness, Tolerance, & Intergroup Relations
3 Credits
Using psychological theories this course will cover the history of positive psychology, emotions and motivation, subjective well-being. The course will also examine well-being across culture and ages, and investigate how intergroup relations involves the influence of group memberships of cognition and behavior. Students will review theories and research with a view to developing research-informed appreciation of connections between the fields of social psychology and everyday life, particularly how it relates to happiness, tolerance and intergroup relations. This course will also scientifically examine the nature of happiness and well-being. Topics include the nature and measurement of happiness, the biological basis of positive emotions, an overview of positive trait theories, self-esteem, gratitude, tolerance and emotional intelligence. This course will also provide an overview of how these major theoretical debates and empirical developments inform the area of intergroup relations.
Pre-requisite: PSY 212; PSY 363

PSY466   Research Methods II
3 Credits
This course provides instruction in various advanced quantitative and qualitative research methodologies used in psychology. It is a practical course which prepares students for major academic research projects, and for professional research after graduation. The course follows a logical progression through the research process from the formulation of research problems, through data collection and analysis, and report writing. More specifically, the course has two closely related and complementary themes, critical thinking and research methodology. Students

will be involved in formulating relevant research questions, implementing appropriate research methodologies, and in becoming critical consumers of the existing research literature. Students will be introduced to contemporary research methodologies widely used within psychology and the broader scientific community. Students will understand the rationale behind adopting specific methods, and will, through practical application, come to appreciate each methodology's relative strengths and limitations. The course will help students sharpen their critical thinking skills, enabling them to critically appraise and meaningfully contribute to the increasingly global evidence base. Students will further develop their skills in descriptive statistics, and develop a working knowledge of inferential statistical analysis. Students will develop their abilities in reporting research findings for academic peer reviewed journals and conferences.
Pre-requisite: EDC 366;

PSY490   Internship in Psychology and Human Services
3 Credits
Internship provides professional experience for Psychology and Human Services 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.

PSY491   Senior Project in Psychology and Human Services
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.

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.

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: SEC 235 and NET 255

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 and prevention systems.
Pre-requisite: SEC 235; NET 256 or NET 255
Co-Requisite: SEC 330

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: SEC 235; NET 255

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 and defences. It 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 mitigation and defence measures, such as firewalls and intrusion detection.
Pre-requisite: SEC 235
Co-Requisite: SEC 335

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: SEC 235

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: CIT 210; SEC 235

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 globalism, 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.
Pre-requisite: ANT 261 and (HIS 251 or ANT 328)

SOC341   Development and Underdevelopment
3 Credits
Examines a wide range of conceptual and practical problems associated with development principles and strategies. Emphasis is on non-industrialized countries and the role of international development agencies.

SOC371   Organizational Behavior
3 Credits
Course allows students to explore the impact that individuals, groups and structure have on behavior within organizations. Topics discussed are motivation, leadership, power, interpersonal communication, conflict and work stress.

SOC374   Comparative Sociology
3 Credits
This course will begin with an introduction to the basic concepts and methodology of comparative sociology. It will then use these to examine societies and social institutions, for instance food culture, family, marriage, and issues of population (demographic), every day social practices, gender equality, and popular culture (literature, film, sports). It will discuss the extent to which such institutions are universal, and also account for the variations in how they are practiced in different societies and even within the same society but in different time periods. Finally, the course will offer perspectives about the impact of globalization and social media on selected societies.

SOC423   Issues in National Development
3 Credits
Considers the economic, social and cultural dimensions of development and encourages a more interdisciplinary perspective on national development and change. Contemporary issues in growth are considered, with special reference to economies in transition and the sustainability of development initiatives.

SOC453   Women, Society and Politics
3 Credits
Examines women in the non-industrialized countries of Asia, Africa and Latin America. Explores the dynamic relationship between economic, social, cultural and political forces that influence women's lives in modern societies.

SPE324   People with Special Needs
3 Credits
This course explores Special Needs from cognitive, physical, sensory, behavioral, social, and emotional perspectives. Current issues and trends in special education and inclusive practice are explored in the context of family, community, school and culture.

SPE465   Inclusive Classrooms
3 Credits
This course examines the role of differentiation in teaching all children, including those with special needs, in inclusive

classrooms. Teacher candidates explore the range of learning needs found in educational settings and consider the range of possibilities for supporting learners with special needs, including gifted and talented.

SWE225   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.
Pre-requisite: MTH 215 or ART 201

SWE245   Web Development
3 Credits
This course 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.
Pre-requisite: SWE 225

SWE320   Object Oriented Programming
3 Credits
This course transitions the student's approach to problem solving from the procedural approach (taught in SWE-225) to the Object-Oriented (OO) approach. The transition happens by supporting students to solve real-world problems by encapsulating behaviors (methods) and related attributes (data) into a single unit - the Object. The course will enable students to analyze, design, and develop solutions by learning the OO concepts of Classes, Objects (instances of Classes), Class Relationships, Polymorphism, and Reuse. The concepts use the OO principles of Abstraction, Encapsulation, Association, and Inheritance, and are implemented using class diagrams in an OO programing language.
Pre-requisite: SWE 225
Co-Requisite: SWE 321

SWE321   Object Oriented Programming Lab
1 Credit
This course is the lab based companion to SWE320. This course transitions the student's approach to problem solving from the procedural approach (taught in SWE-225) to the Object-Oriented (OO) approach. The transition happens by supporting students to solve real-world problems by encapsulating behaviors (methods) and related attributes (data) into a single unit - the Object. This course will enable students to analyze, design, and develop solutions by learning the OO concepts of Classes, Objects (instances of Classes), Class Relationships, Reusability, and Polymorphism. The concepts use the OO principles of Abstraction, Encapsulation, Association, and Inheritance, and are implemented using class diagrams in an OO programing language
Pre-requisite: SWE 225
Co-Requisite: SWE 320

SWE346   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: SWE 245 or SWE 225

SWE371   Mobile Computing
3 Credits
This course introduces students to the field of mobile computing in terms of concepts, principles, best practices, techniques,

and technologies. Students learn the different approaches for designing and developing mobile apps whether these apps are platform-dependent or not (native, mobile Web, and hybrid). Basic security, testing, and deployment aspects of mobile apps are, also, included in the course.
Pre-requisite: SWE 225

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 cover 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.

SWK225   The Generalist Social Work Practice Process
3 Credits
This course prepares students for entry level professional social work practice, by emphasising engagement and assessment from a social work perspective. Students study the IASSW and other relevant codes of professional values and ethics. Issues of diversity and working with populations at risk are integrated. Skill development includes interviewing, engagement, assessment, communication and listening techniques, and application of the problem-solving process.

SWK310   Diversity in a Multicultural Society
3 Credits
This course examines social work's historical and current commitment to diversity and social and economic justice within a global context. Grounded in theoretical perspectives on injustice and oppression, the course explores the relationship between the social construction of difference and persistent inequalities operating at personal, institutional, and societal levels. Utilizing a strengths perspective and principles of empowerment practice, the needs, experiences, and resilience of diverse and at-risk populations are addressed; including groups distinguished by race, ethnicity, immigration status, religion and spirituality, sex and gender, age, disability, and socio-economic status. Course content, structure, and learning activities are designed to enhance personal and professional self-awareness in order to develop knowledge, values, and skills required for culturally-sensitive social work practice.

SWK311   Case Management
3 Credits
This course focuses on the practice of social work in a case management context. This course is designed to introduce students to a variety of ways in which case management is used to assist a variety of client populations. The course explores the history and advancement of case management and care/service coordination; the models of case management; application of the theory of change; service delivery planning and coordination and ethical considerations in case management.

SWK315   Social Work with Individuals & Families
3 Credits
Building extensively on SWK225, this course emphasises direct social work practice with individuals and their families. Intervention, prevention, termination and evaluation are taught from a social work perspective. Students study the IFSW/IASSW and other relevant codes of professional values and ethics. Issues of diversity and working with populations at risk are integrated. Skill development continues to build interviewing and recording skills, use of self, and communication techniques. A range of intervention and prevention strategies, including empowerment,

advocacy, problem-solving process will be explored.
Pre-requisite: SWK 225

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: SWK 225

SWK367   Interventions with Children
3 Credits
This course focuses on culturally appropriate assessments and interventions with children. Students are expected to be able to apply research based prevention and interventions with children and families at-risk. Students will examine how societal contexts influence their approaches and how the parent-child relationship may be fostered. This course builds on the student's knowledge of child development and family engagement.

SWK407   Adulthood and Aging
3 Credits
Using a lifespan approach, this course encompasses the longest phase of the life cycle – adulthood. It examines developmental processes in young, middle-aged and older adults from the physical, cognitive and socio-emotional perspectives. In addition, the course will consider some of the most pressing social policy issues affecting older adults both globally and locally. It will examine various biological, sociological, historical and cultural factors that influence development. Finally, it will challenge students to explore how the choices they make will affect their own developmental trajectories or long-term outcomes in adulthood with a focus on successful aging.

SWK415   Social Work with Communities & Organisations
3 Credits
This course examines the community and organisational contexts in which social work services are delivered. At a community level, students learn how communities are organised and function. The focus on organisations will include how funding, mandates, and organisational arrangements influence service delivery. Social work management, supervision, leadership and entrepreneurship are explored as are strategies for community, economic and social development.
Pre-requisite: SWK 225

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 education needs and assists students in developing professional community relationships that are meaningful, cooperative, and productive.

SWK432   Professional, Ethical, and Legal Issues
3 Credits
This course will introduce candidates to professional and ethical issues in social work, psychology and human services. Candidates will acquire the knowledge base and skills required to identify and resolve ethical dilemmas across personal and professional contexts. Various human rights documents will be examined, and students will identify strategies that support social and economic justice with particular emphasis on vulnerable or marginalized groups

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 formulating communication strategies 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: TCC 372

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.

BUS602   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 health 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.

BUS603   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.

BUS668   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: EDP 610
Co-Requisite: ETC 624

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).

COM502   Communication Research Methods
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.

COM504   Cross Cultural Communication
3 Credits
This course explores the process 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.

COM506   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.

COM507   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.

COM513   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.

COM523   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.

COM550   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.

COM551   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.

COM552   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 money supply 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: EDP 610

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 work with qualitative data analysis to identify common themes and patterns to inform their work as leaders in the field. Furthermore, the course provide students with the necessary skills and competencies to critically evaluate educational research findings and their implications to practice.
Pre-requisite: EDC 612

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 assessment methods and will develop and implement their own classroom assessments. Further, the use of technology in the assessment and evaluation process will be critiqued.
Pre-requisite: EDP 610; EDC 612; EDC 620

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 remaking 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: EDP 610

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: SPE 615

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: EDC 612; EDC 620

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, discerning 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: EDC 612

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 and 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.

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 U.A.E. 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: ELA 614

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 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: EDP 610; EDC 612; ELA 614; ELA 627; ELA 635

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: EDP 610
Co-Requisite: CDI 622

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: EDP 610; ETC 624

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 financial techniques 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 EpiInfo. 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, process/outcome 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.

HRM640   Human Resource Management
3 Credits
This course provides a framework for thinking strategically about the management of human resources in organizations.

HRM663   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 in 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 family 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 skillful oration, argumentation,

investigation, and interrogation.

LAW642   Logic and Legal Reasoning
2 Credits
This course develops students' mental capabilities through learning the basics and methods of sound logical reasoning, and practicing them in dealing with legal cases which must be analyzed logically in order for the judge to reach a legally correct and logically persuasive verdict. Students will learn how to understand legal cases deeply and justify verdicts logically.

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. constitution; the formation of the federal system 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.

MGT669   Cross Cultural Management
3 Credits
This course explores national and organizational cultures and focuses on the meaning of culture globally and the management of cultural differences.

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.

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.

POL614   The Middle East
3 Credits
This course provides students with a graduate level understanding of the economic, political, and social problems

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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-independence 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
The 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 Sèvres, 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-positivistic 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 as they relate 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 WWII in order to understand the different patterns of accumulation 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 legal structure of the Ministry of Foreign Affairs, and a discussion on the U.A.E. position vis-á-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 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.

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 se- curity, 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 net- worked 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: SEC 505

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 se- curity and applications. The emphasis is on security protocols and applications for securing appli- cations and services that are widely 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.509v3 certificates, PGP, 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 countermeasures for intruders and viruses, and the use of firewalls and trusted systems.
Pre-requisite: SEC 508; SEC 505

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: SEC 510

SEC530   Cyber Forensics
3 Credits
This course provides a hands-on approach to the investigation of crime incidents in which computers 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: SEC 505

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: SEC 530

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: SEC 535

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: SEC 505

SEC545   Penetration Testing and Advanced Hacking Techniques
3 Credits
With the threats of cyber terrorism and corporate espionage increas- ing, 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: SEC 508

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: SEC 515

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: SEC 505

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: SEC 520

SEC595   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.

SEC596   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.

SEC597   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.

SEC599   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.

SPC510   Public Relations Principles and Practices
3 Credit
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.

SPC511   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.

SPC512   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.

SPC514   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.

SPC515   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: SPE 615

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 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: SPE 615

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: EDP 610; SPE 626

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: SPE 615
Co-Requisite: EDC 630

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 Credit
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.

Academic Credentials

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