



CATALOG 2015 - 2016



Accredited by Middle States Commission on Higher Education



جامعة زايد
ZAYED UNIVERSITY

The Zayed University Catalog

2015-2016

Message from the President

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

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

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

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

Sincerely,

Lubna Bint Khalid Al Qasimi
President of Zayed University

The information presented in this catalog, accurate as of the date of publication, is subject to change by appropriate action of the University.

Zayed University Publications Department, October 2015

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Zayed University Vision

Zayed University will be the leading university in the United Arab Emirates and recognized globally for its participation in educational and cultural achievements and enrichment of economic and social development.

The Mission

Zayed University will prepare qualified graduates who are able to contribute to building the nation through offering specializations and programs of study which match international standards and by providing an excellent learning environment to strengthen the role of the university as a leader in the progress of scientific research and community service.

University Values

- A collaborative Educational community where students, faculty and staff work together in pursuit of research and knowledge.
- Attention to professional ethics by adhering to the highest standards of personal conduct, based on respect, honesty, objectivity, accountability and transparency in practice and discipline
- Innovation through adoption and development of the highest global practices in teaching, learning and research
- Teamwork and cooperation to ensure the achievement of Zayed University's mission and strategic objectives with maximum efficiency and effectiveness.
- Leadership based on administrative excellence and continuous communication amongst all University stakeholders and openness to other cultures, dealing consciously and positively with them, both inside and outside the university community.

Strategic Objectives

- Establish a cutting-edge educational environment that promotes creativity and innovation.
- Prepare qualified graduates who are able to contribute to the development process, and who are productive in their nation, empowered with critical thinking skills, and open to the world around them.
- Deliver high quality education that focuses on enriching students' knowledge and skills.
- Upgrade the University's research level.
- Ensure provision of all administrative services in compliance with quality, efficiency and transparency policies.

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 approximately 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 major study;
- in-depth studies offered by six colleges;
- internships that provide practical experience for all students; and
- periodic assessment of student achievement in the Zayed University Learning Outcomes.

During their first and second baccalaureate years, Zayed University students enroll in the Colloquy on Integrated Learning, 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 majors, 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 expected to be received by the University by end of May 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 Administration

President

HE Sheikha Lubna Bint Khalid Al Qasimi

Acting Provost

Marilyn Roberts

Chief Administrative and Financial Officer

Sadiq Almulla

Assistant Provost for Student Affairs

Fatima AlDarmaki

Executive Director, Planning and Institutional Effectiveness / Chief Innovation Officer

Maytha Ali Obaid AlAli

Vice President

Reyadh AlMehaideb

Associate Provost and Chief Academic Officer

Mohsen Onsy

Assistant Provost, Faculty Affairs and Research

J. Michael Allen

Assistant Provost and Dubai Campus Director and Acting Abu Dhabi Campus Director

Bryan Gilroy

Deans and Academic Directors

College of Arts and Creative Design

Ann Maree Reaney, Dean

College of Communication and Media Sciences

Pamela Creedon, Acting Dean

College of Technological Innovation

Zakaria Maamar, Acting Dean

University College

Jyoti Grewal, Dean

Graduate Studies

Chet Jablonski, Dean

Acting Director, Institute for Arabic Language

Dr. Elsayed Darwish, Acting Director

College of Business

Emil Thies, Acting Dean

College of Education

Robin Dada, Dean

College of Sustainability Sciences and Humanities

Christopher Southgate, Dean

Academic Bridge Program

Wayne Jones, Director

Institute for Islamic World Studies

Tarak Abdallah, Acting Director

College Associate and Assistant Deans/Directors

College of Arts and Creative Enterprises

Janet Bellotto, Associate Dean (DXB)
David Howarth, Assistant Dean for Students (AUH)
Leon Chew, Assistant Dean for Students (DXB)
Thorsten Lomker, Assistant Dean for Research and Graduate Studies (AUH)

College of Communication and Media Sciences

Gaelle Duthler, Associate Dean (AUH)
Russell Williams, Assistant Dean (AUH)
Michael Ogden, Assistant Dean for Students, (DXB)
David Bulla, Assistant Dean for Research and Graduate Studies (AUH)

College of Business

Osama El-Temtamy, Associate Dean (AUH)
Jagadish Dandu, Assistant Dean for Students (AUH)
Umar Butt, Assistant Dean for Students (DXB)
Abdelrahman Baqrain, Assistant Dean for Research and Graduate Students (DXB)

College of Sustainability Sciences and Humanities

Sabrina Joseph, Associate Dean (DXB)
Fatme AlAnouti, Assistant Dean for Students (AUH)
Perla Attiyah, Assistant Dean (AUH) (2nd sem)
Rima Sabban, Assistant Dean for Research and Graduate Studies (DXB)

College of Technological Innovation

Andrew Marrington, Acting Associate Dean (DXB)
 Omar AlFandi, Assistant Dean for Students (AUH)
 Munir Majdalawieh, Assistant Dean for Students (DXB)
 May AlTaie, Assistant Dean for Research and Graduate Studies

Academic Bridge Program

Robert Turner, Associate Director (AUH)
 Barnaby Priest, Assistant Director (DXB)

College of Education

Barbara Harold, Associate Dean (DXB)
 Jase Inaty, Assistant Dean for Students (AUH)
 Gloysis Mayers, Assistant Dean for Students (DXB)
 Rana Tamim, Assistant Dean for Research and Graduate Studies (Dxb)

University College

Anthony Rhodes, Associate Dean (AUH)
 Belkeis Altareb, Associate Dean (DXB)
 Imani Fredericks-Lowman, Assistant Dean for Student Affairs(AUH)
 Zia Saunders, Assistant Dean for Student Affairs (DXB)
 Wafa Zoghor, Assistant Dean for Research (AUH)

Other Administrators

Director, Office of Educational Effectiveness

Kevin Schoepp

Director, University Library and Learning Commons

Leslie Haas

Director, Institute of Social and Economic Research

Mouawiya AlAwad

Acting University Registrar

Ruba Ramahi

Director Student Affairs, Dubai Campus

Fathiya AlKhamiri

Director, Campus Physical Development

Riham Hwaidi

Acting Director, Computing and Services Department

Nadia AlKabanji

Director, Financial Services

Michael Bruder

Acting Director, Institutional Research

Farhi Marir

Acting Director, Marketing and Publications

Osama Nasr

Director, Center for Educational Innovation

Brad Johnson

Acting Director, Institute for Community Engagement

Rahman Haleem

Director, Special Projects

Ali AlAwadi

Acting Director, Human Capital

Mohammed AlMazrouie

Director, Student Affairs, Abu Dhabi Campus

Shamsa AlTaie

Director, Campus Services

Maria Kennedy

Director, Contracts and Procurement

Abdalla AlZarooni

Director, Internal Audit

Mohamed AlDhandani

Director, Administration – Office of the VP

Mohamed AlMazrouie

Zayed University Academic Programs 2015-2016

Undergraduate Degree Programs

College of Arts and Creative Enterprises

Bachelor of Fine Arts (B.F.A.) in Animation Design
Bachelor of Fine Arts (B.F.A.) in Graphic Design
Bachelor of Fine Arts (B.F.A.) in Interior Design
Bachelor of Fine Arts (B.F.A.) in Visual Art
Bachelor of Science (B.S.) in Multimedia Design
(joint with College of Technological Innovation and College of Communication and Media Sciences)

College of Business

Bachelor of Science (B.S.) in Business Majors (Abu Dhabi Campus only)

Accounting
Finance
Human Resource Management
Marketing and Entrepreneurship

Specializations (Dubai Campus only)

Specialization in Accounting
Specialization in Finance
Specialization in Human Resource Management Specialization in Marketing

Bachelor of Science (B.S.) in Information Systems and Technology Management (joint with College of Technological Innovation)

College of Communication and Media Sciences

Bachelor of Science (B.S.) in Communication and Media Sciences

Specialization in Converged Media
Specialization in Integrated Strategic Communications Specialization in Tourism and Cultural Communications Specialization in Film and Video Communications

Bachelor of Arts (B.A.) in Emirati Studies

(joint with College of Sustainability Sciences and Humanities)

Bachelor of Science (B.S.) in Multimedia Design

(joint with College of Technological Innovation and College of Arts and Creative Enterprises)

College of Education

Bachelor of Science (B.S.Ed.) in Education

Specialization in Early Childhood Education (PreK-Grade 3)
Specialization in Upper Primary/Preparatory Education (Grades 2-9)
Teaching Field in English Language Learning
Specialization in Upper Primary/Preparatory Education (Grades 5-9)
Teaching Field in Mathematics
Specialization in School Social Work

Bachelor of Science (B.S.) in Psychology and Human Services

(joint with College of Sustainability Sciences and Humanities)

College of Technological Innovation

Bachelor of Science (B.S.) in Information Technology

Specialization in Security and Network Technologies
Specialization in Enterprise Computing

Bachelor of Science (B.S.) in Information Systems and Technology Management (joint with College of Business)

Bachelor of Science (B.S.) in Technology and Education

(joint with College of Education)

Bachelor of Science (B.S.) in Multimedia Design

(joint with College of Communication and Media Science and College of Arts and Creative Enterprises)

College of Sustainability Sciences and Humanities

Bachelor of Arts (B.A.) in International

Studies Specialization in

Culture and Society

Specialization in International Affairs

Bachelor of Science (B.S.) in Public Health and Nutrition

Bachelor of Science (B.S.) in Environmental Science and Sustainability

Bachelor of Arts (B.A.) in Emirati Studies

(joint with College of Communication and Media Sciences)

Bachelor of Science (B.S.) in Psychology and Human Services

(joint with College of Education)

Graduate Degree Programs

College of Business

Executive Masters in Business Administration (EMBA)

Master of Science (M.S.) in Finance (Closed Cohort)

Master of Management (M.M.): International Business

College of Communication and Media Sciences

Master of Arts (M.A.) in Communications

Specialization in Tourism and Cultural Communication

Specialization in Strategic Public Relations

College of Education

Master of Education (M.Ed.)

Educational Leadership and Administration

Specialization in Special Education

Master of Science (M.S.) in Teaching and Learning

College of Sustainability Sciences and Humanities

Executive Masters in Health Care Administration (EMHCA)

Executive Masters in Public Administration (EMPA)

Master of Arts (M.A.) in Diplomacy and International Affairs

College of Technological Innovation

Master of Science (M.S.) in Information Technology

Specialization in Cyber Security

Institute for Islamic World Studies

Master of Arts (M.A.) in Judicial Studies

Graduate Certificate Programs

College of Business

Graduate Certificate in Business Administration

College of Communication and Media Sciences

Graduate Certificate in Tourism and Cultural Communication

Graduate Certificate in Public Relations

College of Sustainability Sciences and Humanities

**Graduate Certificate in Health
Care Administration**

Graduate Certificate in Diplomacy and International Affairs

College of Technological Innovation

Graduate Certificate in High Technology Crime Investigation

Graduate Certificate in Information Security

Zayed University Academic Calendar 2015-2016

Preliminary Period

New faculty report	Sat 08 Aug 2015
Return of Academic Administrators & Returning faculty report	Sun 16 Aug 2015
New students Orientation/ Assessments and placement exams/ Faculty Professional Development Week	Sun-Thu 16-20 Aug 2015

First Semester 2015

Start of classes	Sun 23 Aug 2015
Last day to add /Drop	Thu 27 Aug 2015
Last day to suspend registration	Thu 03 Sep 2015
1st Student Engagement, Training and Service Learning (SETS) Day	Mon 05 Oct 2015
Last day to withdraw from Course without penalty	Thu 08 Oct 2015
Last day of Term A	Thu 15 Oct 2015
First day of Term B	Sun 18 Oct 2015
2nd Student Engagement, Training and Service Learning (SETS) Day	Wed 04 Nov 2015
Last day of classes	Thu 10 Dec 2015
Final Exams	Sat-Sat 12-19 Dec 2015
Grades Announcement	Tue-Tue 15-22 Dec 2015
Winter break for students	Sun-Thu 20 Dec 2015-7 Jan 2016
Winter break for faculty	Tue-Thu 22 Dec 2015-7 Jan 2016

Spring Semester 2016

Faculty return	Sun 10 Jan 2016
New students Orientation / Assessments and placement exams / Faculty Professional Development Week	Sun-Thu 10-14 Jan 2016
Start of classes	Sun 17 Jan 2016
Last day to add/drop	Thu 21 Jan 2016
Last day to suspend registration	Thu 28 Jan 2016
3rd Student Engagement, Training and Service Learning (SETS) Day	Tue 23 Feb 2016
Last day to withdraw from a course without penalty	Thu 10 Mar 2016
Last day of Term A	Thu 10 Mar 2016
First Day of Term B	Sun 13 Mar 2016
Mid-Term Exam	Sun-Thu 13-24 Mar 2016
Spring break for students	Sun-Thu 27 Mar-7 April 2016
Spring break for faculty	Sun-Thu 27 Mar-7 April 2016
Faculty return	Sun 10 Apr 2016
Student return	Sun 10 April 2016
4th Student Engagement, Training and Service Learning (SETS) Day	Mon 25 Apr 2016
Last day of classes	Thu 12 May 2016
Final Exams	Sat-Sat 14-21 May 2016
Grades Announcement	Tue-Tue 17-24 May 2016
Start of summer vacation	Wed 25 May 2016
Summer Vacation begins	Thu 18 Jun 2015

Summer Session 2015

Start of classes	Sun 29 May 2016
Last day to add/drop	Tue 31 May 2016
Last day to withdraw from course without Failure	Thu 02 Jun 2016
Last day of classes	Mon 27 June 2016
Final Exams	Tue-Wed 28-29 June 2016
Grades announcement	Sun 03 July 2016

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 Colloquy on Integrated Learning program. The Colloquy provides an interdisciplinary curricular foundation supportive of the University learning outcomes and the development of skills critical to lifelong learning and leadership. The Colloquy 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 major field. The Colloquy constitutes 48 hours of academic credits. The Major 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 Major 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-in-language in ABP, to richer-in-content in the baccalaureate and graduate programs.
4. **Facilitated by Technology:** Appropriate educational technology is integrated into every Zayed University course.
5. **Intercultural attuned:** Teaching in Zayed University requires global awareness, sensitivity to local culture, a commitment to developing intercultural competence, and a commitment to learning from students.
6. **Interpersonally oriented:** Successful learning at Zayed University is facilitated by building positive relationships with students, while maintaining professional demeanor 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.

Terminology

Bachelor's Degree: A Bachelor's degree is the undergraduate academic degree awarded by Zayed University after a student completes all general education requirements and all requirements of a major, including achievement of the competencies in Zayed University Learning Outcomes (ZULO) specified by the student's major.

Major: A major is a program of study that leads to a Bachelor's degree and is defined by the faculty in a specific academic or professional discipline or interdisciplinary combination.

Minor: An academic minor is a program of study defined by the faculty of a college or department which may enhance a major and allow a secondary focus within a student's academic program.

Specialization: A specialization is a cluster of focused courses defined by the faculty of a college or department to provide more expertise and depth in an area within the major.

Teaching Field: A teaching field within the Upper Primary/Preparatory Specialization for the major in Education identifies the discipline the student is preparing to teach.

Semester: A semester is a period for scheduling typical courses within the academic calendar.

Term: A term is half of a semester, and in either of a semester's two terms the University may offer semester-equivalent courses in compressed formats.

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 Common Educational Proficiency Assessment (CEPA) test.

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 Colloquy on Integrated Learning: Zayed

University's Core Curriculum

All students at Zayed University enroll in the Colloquy on Integrated Learning, 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.

Majors and Specializations

Zayed University offers a range of majors and specializations that lead to a Bachelor's degree. The college sections of this catalog furnish detailed information on career possibilities, admission criteria, Major 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 major 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 Major Learning Outcomes

The Student Academic Experience

Students are introduced to the Zayed University Learning Outcomes through their courses early in the Colloquy on Integrated Learning and are assisted in developing these key skills throughout their undergraduate experience. Attention to university outcomes continues in the majors through the Major Learning Outcomes (MALOs).

These MALOs 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 MALOs 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 major 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 Colloquy Program, the student's advisor comes from the Department of Advising and Academic Development. When the student enters the major, an advisor is assigned from within the student's major 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 provides the following services through the Office of Student Life: personal and group counseling and workshops; recreation and wellness programs; fitness and athletics; family outreach and parents' programs; and support for student organizations and clubs.

Campus Life

In 2013 - 2014, students participated in a wide variety of clubs, exhibited in art shows, and attended career and employment recruitment fairs. Student athletes participated in local and international competitions. There were campus-wide activities such as National Day, Iftar night during Ramadan, a number of club days, and many charitable fund-raising events for regional and global humanitarian efforts, including those of the Red Crescent and Watani Club. Students also had the opportunity to participate in a leadership training certificate program.

Student Organizations and Clubs

Zayed University offers a wide variety of student clubs and organizations, with major clubs such as the Education Club, Business Club, and ABP Sorority. Student interest clubs include Japan Club, Korea Club, Photography Club, and Debating Society.

Students with Special Needs

The University recognizes that students may have special needs that require additional services, considerations, or other supports. The University will use its available resources to provide support to students identified as having special or additional needs. Students with special needs should contact the Office of Accessibility for detailed information.

Student Council

The Student Council serves as a liaison between students and administration. The Council represents the voice of the students and provides leadership in assisting and organizing activities for all students. Council members assist with orientation for new students. Students interested in being considered for membership on the Student Council should apply to the Office of Student Life.

Career Services

Zayed University provides many opportunities for career preparation and employment through course work and assignments, on-campus employment, off-campus summer employment, internship programs, and full-time employment. Career

Services and Alumni Relations assist students in making informed career choices to achieve career and life goals.

Career Services supports graduates seeking jobs by offering workshops on advanced job search skills, interviewing skills, and CV preparation and development. Students have access to employer networks directly linking graduates to the labor market and specific job vacancies. For more information please visit www.Zayed University.ac.ae/cs/

Leadership Development

The development of leadership skills is emphasized throughout a student's education at Zayed University.

Study Abroad Opportunities

Development of global awareness and international perspectives constitutes one of the distinguishing features of a Zayed University education. Across all stages of the Zayed University experience, students are regularly engaged in comparative studies of cultures and behaviors. In support of the outcomes and goals of the curriculum, opportunities for Study Abroad are increasingly diverse. Each year 100-200 students participate in the Study Abroad program, including short-term study trips, summer programs, and semester-long enrollments at institutions abroad. In conjunction with international institutional partners, Zayed University students have the chance to travel to and study in dozens of locations around the world, including Australia, Belgium, Canada, China, France, Germany, Italy, Japan, New Zealand, Singapore, South Korea, Spain, Sweden, Switzerland, the United Kingdom, and the United States. (*See the Zayed University Student Handbook 2014-2015 for a complete listing of student services and activities*)

Academic Policies and Processes

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. When possible, the student's preference is considered in placement, but the student is not guaranteed admission to Zayed University.
- take the Common Educational Proficiency Assessment (CEPA).

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:

- 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
- have completed the General School Leaving Certificate and met the required GSC score and CEPA score.

Graduates from accredited private high schools (national and international) may be considered for admission if they satisfy any ONE of the following criteria:

- 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.

- 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 passing grades.
- For International Baccalaureate program students, the submission of a certification of completion of the International Baccalaureate program with at least five (5) courses successfully completed. No minimum academic standard has been established for these courses; rather, the applicant's entire academic record will be considered.
- Students who have graduated from a private school with other than a GCE and CGSE/IGCSE curriculum must submit their school leaving certificate to the Ministry of Education for attestation.

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.

Common Educational Proficiency Assessment (CEPA)

All national applicants must achieve a score of at least 150 on the English section of the Common Educational Proficiency Assessment (CEPA). CEPA 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. A CEPA English score of 150 or more is required for admission to Zayed University.

All students are expected to take placement Mathematics examination. There is, however, no minimum score required for admission.

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

Academic Bridge Program

Satisfactory Academic Progress

The student is allowed only two tries at any level in the Academic Bridge Program (ABP). The student must complete all requirements to exit the ABP within two academic years.

Exit from the Academic Bridge Program

Students exiting the Academic Bridge Program must pass two examinations in order to exit the program successfully. All students must pass the ENG 040 Academic English Communication final examination or its equivalency examination and must achieve one of the following:

- IELTS (International English Language Testing System): overall Band score of 5.0 or higher.
- iBT (Internet-based TOEFL): 61 or higher
- Another qualification accepted as equivalent by the Director, Academic Bridge Program.

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. A student who passes ENG 040 but fails to meet the external exit requirements will not be allowed to proceed to the baccalaureate program until meeting those requirements. The student will not be required to repeat ENG 040.

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

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

For Zayed University, the applicant must meet all requirements for entry into the baccalaureate program, including a score of 61 or higher on the iBT (internet-based TOEFL) or an IELTS record of Band 5 (with no score below 4.5 in each module) or a University-approved equivalent test score, and other requirements as specified by the University.

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:

- Complete the required Colloquy 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;
- Satisfy all Major Learning Outcomes and Zayed University Learning Outcomes before graduation; and,
- Be in residence at Zayed University for a minimum of two years and earn a minimum of 60 credits.

Study Abroad Visiting Students

Students joining Zayed University for one semester or more with the intention of transferring credits back to their home university should submit the following documents:

- An application for admission;
- An official home university transcript reflecting good standing (GPA of at least 2.0 or equivalent);
- Written approval from the home university as required; and
- Two (2) passport sized photos and passport photocopy.

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 or term, 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. This card is the property of Zayed University and must be returned if the student withdraws from classes, suspends registration, is dismissed, or graduates. The student is expressly prohibited from using any other student’s identification card for any purpose. Failure to comply with this policy will result in student discipline.

Adding or Dropping Courses, Changing Course Sections

A student may add or drop courses or change course sections without notice on the student’s academic record only during the first week of classes.

Withdrawal from a Course

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

Required Course Load

The student is required to maintain full-time student status unless the student is enrolled in the final semester or term of study and does not need a full schedule of courses to graduate. The normal required course load is at least 15 credit hours a semester or six or more credits a term. A student may not register for more than 19 credit hours in a semester or more than nine credit hours in a term without written permission from the student’s college dean to take a course overload. A student may not make a change that reduces the student’s schedule below full-time status except for compelling academic reasons and then only with the written approval of the student’s college dean. Students on academic warning/probation may be required to take less than a full course load.

Student Maternity Leave

The student is encouraged to suspend her registration for the academic term or semester in which the baby is expected to be born. A maternity suspension for a term or semester to deliver a baby will not count as one of two attendance suspensions allowed for students during their time at Zayed University. If a student chooses not to utilize a term or semester maternity attendance suspension but instead to deliver her baby and return to complete the term or semester, her total semester absences must not exceed 15% 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.

Suspending Registration

A student may suspend registration for a maximum of two semesters (consecutive or non-consecutive) during study at Zayed University. If the student misses a third semester of study, the student is eligible for dismissal. Application for registration suspension must be made through the Registrar's Office by filling out the Registration Suspension form. Registration suspension must be completed within the first two weeks of the semester or term. (See Academic Calendar for dates.) A student who has suspended registration is considered to be inactive. Any requests for a third suspension must be approved by the Office of Student Life.

Withdrawal from the University (Initiated by the Student)

The student who wishes to withdraw from the University must complete a Withdrawal form, which is available in the Registrar's Office. If the student withdraws after the date established by the University, the student receives grades of "W/F" (Withdrawal/Failing) in all courses for which the student is currently registered. To be considered for readmission to Zayed University, the student must apply at the Office of Enrollment Management.

Withdrawal or Dismissal from the University (Initiated by the University)

The University may withdraw a student if the student does not register for courses for two consecutive semesters and has not formally withdrawn. The University may withdraw a student if the student's English language proficiency does not meet the standards of the University. The University may withdraw a student in response to extraordinary personal or medical circumstances.

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

At each stage of a student's academic career at Zayed University, satisfactory progress must be made toward the degree. The maximum time allowed at each level is as follows:

- Three semesters to meet Academic Bridge Program requirements and enter the baccalaureate program
- Six semesters at the baccalaureate level to gain admittance to a major
- Six additional semesters at the baccalaureate level to complete requirements for graduation

Application and Admission to a Major

Students who enter the baccalaureate degree program in the 2014-2015 academic year will declare their preference for an academic major in their first semester. They become eligible to submit an application for formal admission to a major program of study in the semester following satisfactory completion (with grades as shown below) of at least 30 semester credit hours in Colloquy courses. Students who are making normal progress in their academic work will be eligible to apply for admission to a major in their third semester of full-time study.

Individual colleges or departments define their own admission requirements; students should consult the appropriate catalog section for the specifics.

To apply for acceptance into a major, the student, in consultation with the student's Colloquy advisor, must complete the *Application for Major* form and submit it to the dean of the appropriate college. The faculty in the college evaluates the student's application and makes the final decision regarding admission to the college. Acceptance is contingent upon the satisfactory completion of the Colloquy courses listed above. If not accepted, the student is notified and referred to the Colloquy advisor to explore alternatives. In exceptional cases, an applicant may submit to the dean of the college a written appeal that explains how the student could resolve deficiencies during the first two semesters of enrollment in the major if the student were accepted. An appeal will be granted only if approved by the dean and the Provost.

Progress Toward Admission to Major

Students must gain admission for study in a major by the end of their sixth semester. Students not admitted by the end of the fifth semester will be warned and asked to consult with their Colloquy advisor. Lacking success in the sixth semester, students will be dismissed for not progressing toward a degree. Students may appeal their dismissal by submitting a letter to the Dean, University College.

Changing Majors

To change a major, the student must apply for admission to the new major before the beginning of the eleventh week of the semester preceding the desired semester of change. Regardless of prior course work which may have been completed in the major for which the student has applied, the student is not assured of acceptance into the new major until the formal application has been accepted by the college dean.

Double majors

Single degree with Two Majors of Study:

Students will receive one degree indicating the two majors of study under this category of double major. Currently at Zayed University the joint programs fall under this category.

Procedure for Single Degree with Two Majors of Study:

Procedure	Requirement
Number of credits from each major represented	18 or more
Number of credits from each major represented	36 or more
Application for Double Major	Students must apply for second major no later than the sixth semester in the baccalaureate program
Internship required	Internship from each major required unless a single internship is pre-approved to meet requirements of each major
Minimum Grade Point Average (CGPA) to apply for Double Major (Two Degrees)	3.0
Minimum grades required for each course in the major	C

Double Majors resulting in Two Degrees:

Students will receive two separate degrees for each major of study under this category of the double major. Under this category students must meet the requirements of each major.

Procedure	Requirement
Number of major courses allowed to overlap	None
Number of colloquy courses allowed to overlap	48 credits
Minimum number of credit hours to graduate	48 credits (COL) + all credits from 1st major + all credits from 2nd major
Internship required	Internship from each major required unless a single internship is preapproved to meet requirements of each major (preapproval needs to come from both majors)
Application for Double Major (Two Degrees)	Students must apply for second major no later than the fourth semester in baccalaureate program
Approval	Students must be approved by each college or program
Discontinuing one of the majors	Students must submit notice in writing to the college or program and their major advisor
Minimum Grade Point Average (CGPA) to apply for Double Major (Two Degrees)	3.0
Minimum grades required for each course in the minor	C

Academic Minors

Colleges offer minors as well as majors. An academic minor consists of 18 credit hours with a minimum of nine hours at the 300-course level or above. Courses may be totally within a specific college/department or the minor may be composed of courses from more than one college/department to create an interdisciplinary course of study. A Minor may not be taken in the same College or Department as the student's Major unless the program of study does not include any shared courses. Students may apply to double minors based upon college approval to the number of free electives that will be counted in the minors

Admission requirements and acceptance into a minor will be determined by the college in which the minor is offered. To be eligible for enrollment in a minor, the student must have completed at least one semester in an approved major program of study and have a minimum cumulative grade point average of 2.5. The student must be able to complete both the major and the minor programs within the maximum number of semesters allowed for study at the university level without having to enroll in an overload course schedule.

Minimum and Maximum Course Load

The University expects all students to engage in full-time study while enrolled at Zayed University. A student may not make a change that reduces the student's course load below full-time except for compelling academic reasons and with prior written permission.

Course Overload in the Final Year In the final year a student with a cumulative GPA of 3.0 or above may petition the college to take an additional course above 19 credit hours if needed to graduate on time. The college dean must authorize the overload.

Reduced Course Load in the Final Semester or Term

A student who will complete all degree requirements in the first term of a semester may elect to enroll for only that term. If a student needs fewer than 15 credit hours in the final semester to complete all requirements for the degree, the student may register for a reduced load provided it includes all remaining courses required for completion of the degree.

Exceptional Circumstances

In exceptional circumstances, a student in the baccalaureate program may be approved to carry a reduced load of courses. (This option is not available for students in the Academic Bridge Program.) The student must be in academic good standing. The expectation is that approval of reduced load will be for one term or semester only, thus allowing the student time to adjust the course schedule in following semesters or terms, or that the student will complete the degree within a year. Permission will only be considered for documented medical or family/personal emergencies or for chronic medical conditions that limit the amount of time the student can attend courses or the amount of work which can be done. The request for a reduced load must be submitted to the college dean and must also be approved by the Office of Student Life and Office of Enrollment Management.

Eligibility to Graduate

To earn the bachelor's degree at Zayed University, the student must have a minimum cumulative GPA of 2.0 and have demonstrated proficiency in both English and Arabic through satisfactory completion of course-work. The student must fulfill all core curriculum requirements and satisfy the competencies in Zayed University Learning Outcomes specified by the student's major. In addition, the student must complete all requirements for the major, including the internship, and the achievement of the Major Learning Outcomes.

The University requires between 120 and 134 credit hours to graduate, depending on the major. Students should consult with their advisors on program and course requirements for graduation since individual colleges may have additional requirements.

Attendance

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

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

Absence from Class:

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

Missing a Class Because of an Off-Campus Activity

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

Attendance Suspension

The student who exceeds 15% absence in all his/her courses will be suspended from the University for that semester in all other courses for the term or semester. A student enrolled in the ABP who exceeds 15% absence in an English course will have registration suspension for that term or semester.

Attendance suspension counts toward the maximum allowable number of times (no more than twice) that a student may suspend registration without dismissal from the University.

Attendance Dismissal

The student whose registration is suspended for two semesters because of attendance will be dismissed from the University. *Petition for Exception to Attendance Policy* The student may petition for an exception to the attendance policy because of illness, disability, or emergency. See the *Zayed University Student Handbook 2014-2015* for the procedure to petition.

Courses

Descriptions for courses appear on pages in three categories: Academic Bridge Program and Developmental, Baccalaureate, and Graduate. Each listing includes the course prefix, the course number, the course title, the number of semester credit hours for the course, and a brief description of the course. Pre-requisites or Co-requisites, if any, are shown at the end of the course description.

Course Numbers

The University numbers courses from 001-799, according to the descriptions listed below.

001 to 099

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

100 to 299

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

300 to 499

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

500 to 599

Introductory Graduate or Post-Baccalaureate Professional Courses:

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

600 to 799

Advanced Graduate or Professional Courses:

Advanced courses that may provide credit toward graduate degree requirements in all departments.

Special Topics Courses

Special topics courses are occasional offerings. They typically cover subjects that are not covered in other courses, cover topics in greater depth than can be provided in regular course offerings, or offer the opportunity for an experimental course. Special topics courses function in the same manner as regular courses, with normal expectations for class meetings, a syllabus, and appropriate supervision of student work. They carry one to four hours of credit and may normally be offered no more than twice without being submitted as a new course through the formal course proposal process. No more than nine hours of special topics courses may be applied toward completion of the degree, and only students who have completed 30 earned credits or more may take special topics courses.

Independent Study

Independent study enables students to study material or pursue projects not available through regularly scheduled courses. No more than nine hours of independent study may be applied toward completion of the degree. 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.

An eligible student should submit a written proposal for independent study to the faculty member who will guide and evaluate the project. The proposal must be submitted by midterm of the term prior to the project. If the faculty member agrees to supervise the project, the faculty member will complete an Independent Study Approval form specifying the number of credits to be earned, the process of evaluation, the method of supervision, and the estimated time commitment of the faculty member. The faculty member will submit the form to the college dean for approval. The student may register for an independent study course for the number of credits approved by the dean.

Letter Grade	Quality Points	Description
A	4.0	The highest academic grade possible. The grade is not automatically given to the student who ranks highest in the course but is reserved for truly distinctive and demonstrably outstanding accomplishment. It represents superior mastery of course material and demands a very high degree of understanding as well as originality or creativity. 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.
A-	3.7	
B+	3.3	
B	3.0	Achievement considerably above acceptable standards. Good mastery of course materials is evident and the student's performance demonstrates a degree of originality, creativity, or both. The grade usually indicates that the student works fairly well independently and often demonstrates initiative.
B-	2.7	
C+	2.3	
C	2.0	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 average performance who gives a reasonable amount of time and effort to the course work. The 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) in order to earn a baccalaureate degree from Zayed University.
C-	1.7	
D+	1.3	
D	1.0	Denotes limited understanding of the subject matter, meeting only the minimum requirement for passing the course. It signifies work that falls below the average acceptable standard in quality or quantity for passing the course. Performance is deficient in analysis, synthesis, and critical expression. There is little evidence of originality or creativity.
F	0.0	Indicates inadequate or unsatisfactory attainment, serious deficiency in understanding of course material, or failure to complete the requirements of the course.

Summer Courses Completed at Another Institution

A student who has a cumulative GPA of 2.50 or better may petition to receive permission for summer study at another institution. The University is under no obligation to accept courses taken without prior authorization.

To apply to transfer credit for summer courses taken elsewhere, the student must complete the Letter of Permission form available from the student's college; attach detailed course outlines in English of all courses to be taken; submit the form and course outlines to the appropriate college dean; and secure prior approval of the proposed summer study plan. There must be equivalent courses at Zayed University. 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

Course grades are based on examinations and assessments, class participation, projects, and homework assignments*.

Letter Grades and Quality Points

Students receive letter grades for their performance. Each letter grade has numerical quality points assigned to calculate the overall grade-point average (GPA). The University does not use the grades of A+, D-, F+, or F-.

Definition of Letter Grades

**The new grading scale will be effective 2016 - 2017*

Special Grades

The following grades have "0" quality points:

Computed in the Grade-Point Average

Withdrawal/ Failing	W/F	Administrative withdrawal/ Failure in course
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Not Computed in the Grade-Point Average

Incomplete grade/Course	I	Temporary grade. Course requirements not completed
Pass	P	Satisfactory 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

Term or Semester Grade-Point Average

The student's term or semester grade-point average is the measure used by the University to calculate the student's academic standing and eligibility for the Dean's List. It is calculated by adding together the numerical value of the letter grade for each course times the number of credit hours, and dividing the total by the total number of credit hours taken and then rounded to two decimal places.

Cumulative Grade-Point Average

The student's cumulative grade-point average is used to assess the student's overall academic standing in the University. It is calculated by dividing the sum of all grade points earned in all terms and semesters by the total credit hours attempted in all terms and semesters and then rounded to two decimal places. For example, if a student completes 30 credit hours of instruction and earns 30 credit hours of "B" (3 points per credit hour), the student earns a total of 90 grade points (3 points per credit hour x 30 credit hours). Ninety (total number of grade points) divided by 30 (total number of credit hours taken) yields a cumulative GPA of 3.0.

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 in the first two weeks of the following semester and upon presentation of substantial and convincing evidence to warrant a review. See *the Zayed University Student Handbook 2014-2015* 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 2014-2015* for procedure to request a makeup examination.

Academic Standing

Satisfactory Academic Standing

A student is considered in satisfactory academic standing if the student maintains a minimum cumulative grade-point average of 2.00. This minimum average, a "C" average, is also required for graduation.

Academic Warning

The student is placed on academic warning if the student's semester grade-point average falls below 2.0 but the cumulative grade-point average is still above 2.0. The phrase "Academic Warning" is placed on the student's academic transcript, which the student may view on the Intranet.

Academic Probation

The student whose cumulative grade-point average falls below 2.0 (C) after attempting a minimum of 15 semester credit hours, is placed on academic probation for the following semester. A student may not stay on academic probation for more than two consecutive semesters.

If, at the end of the following semester, the student earns a term grade-point average of 2.0 or above but the cumulative GPA is still below 2.0, the student will remain on academic probation for the following semester but must raise the cumulative GPA to 2.0 by the end of the third semester or risk dismissal.

Academic Dismissal

If a student's cumulative grade-point average falls below 2.0 for two semesters in a row, the student is eligible for dismissal for failure to maintain satisfactory academic progress.

If a student's semester grade-point average falls below 2.0 for two semesters in a row, even if the cumulative grade-point average is still 2.0 or above, the student's academic record will be reviewed by the relevant college to determine whether the student shall be permitted to continue for another semester.

If at any time it is determined that a student cannot complete the required English course sequence in the two years allotted to complete the courses, the University shall dismiss the student immediately.

Incomplete Standing

A course grade of Incomplete is assigned when a student cannot complete coursework or take the final examination for reasons beyond the student's control. The missing work must be

completed satisfactorily by the end of the next term or semester or the “Incomplete” grade becomes an “F” grade. If an “Incomplete” grade is assigned in a course that is the Pre-requisite for a subsequent course, the student may not enroll in the subsequent course until the “*Incomplete*” grade is replaced with a passing grade. See the *Zayed University Student Handbook 2014-2015* for the procedure for requesting an incomplete grade.

Failing a Course

The student who earns a grade of “F” in a course fails the course. This grade is calculated in the student’s semester and cumulative GPA, and the “F” grade appears on the academic transcript. The student who fails a required course must repeat the course. If the failed course is a Pre-requisite for a subsequent course or courses, the student must pass the failed course before proceeding to the next course. If the failed course is not required and is not a Pre-requisite for other courses the student must take, the student may choose to repeat the course or accept the “F” grade as final. If the student passes the course the second time, the passing grade replaces the “F” grade in calculating GPA. A course may be repeated only once. A student who fails a required course more than once will be subject to review by the student’s college and may be dismissed from the 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.

Appeal of a Grade

For an appeal to succeed, the student must demonstrate that there was substantial error in calculating the grade or demonstrable and substantial inequity in grading in the class. The first step is for the student to talk to the instructor within two days of notification of the grade. In the case of a final course grade, the deadline is two class days after the final grades announcement. If the student is not satisfied with the results of the conversation, a letter must be submitted to the dean of the college in which the course is taught. The letter must detail justification for the appeal. The dean will review the appeal and make the final determination of the grade.

Appeal of Dismissal

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 five class days from the date of publishing the final semester results.

Grounds for Appeal

An appeal will be considered only if there is clear evidence that a substantial error of fact or grade calculation has been made, or if there are exceptional circumstances such as:

- failure to adhere to the stated requirements of the curriculum, as stated in the Zayed University Catalog for the student’s year of entry into the baccalaureate program;
- substantial irregularity in the assessment or examination processes which are not resolved after consulting with relevant college faculty; or
- a medical, family, or personal emergency which has substantially affected the student’s academic performance.

The student must present documented evidence with a written appeal to convince the dean that the appeal is warranted and that future academic success is likely. The student will not be recommended for reinstatement unless the student is eligible to enroll in a full schedule of courses (that is, a minimum of five courses) and to make progress toward a degree.

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 with no band score below 4.5 or
- has obtained a minimum of 71 on the iBT (internet-based TOEFL) and
- has obtained the required IELTS or iBT score within one year of the student’s last enrollment at Zayed University.

A student who was previously enrolled in credit bearing courses may apply for readmission if the student left the University in good academic

standing (CGPA of 2.0 or higher) and can still complete the academic program at Zayed University in the number of semesters allowed. An application for readmission must be filed within one year of the student's last enrollment at Zayed University. Applicants for readmission require special authorization to be readmitted.

Student Records

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

Access to Student Records

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

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

Transcript of Academic Record

Copies of the student transcript will be issued at the student's request by the Registrar's office.

Zayed University Honor Code

In the Name of God Most Gracious Most Merciful

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

- *Demonstrate the virtues of honesty, respect and fairness*
- *Adhere to the highest standards of personal moral conduct*
- *Refrain from any and all forms of academic dishonesty*

- *Present a positive image of myself by acting with maturity and honor*
- *Take responsibility for my actions and do my part to maintain a community of trust*
- *Dedicate myself to the achievement of the University's excellence*

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

Student Conduct

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

Student Rights and Responsibilities

Student Rights

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

Student Responsibilities

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

Sensitive Materials and Incidents

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

Library Materials

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

Classroom Materials and Incidents

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

Off-Campus Activities

Instructionally related off-campus experiences, such as work internships, field trips, study abroad, and research projects are key elements of the Zayed University curriculum. They provide meaningful interaction with local and international communities and reflect University priorities and the University and Major Learning Outcomes. These activities in effect take place during the regular class day and are supervised by the University. Students are required to attend these activities as part of their regular course requirements. No special parent/guardian permission is required for students participating in off-campus academic trips within the city or surrounding area. Successful completion of any course at Zayed University requires participation in all course-related assignments.

Placement of Interns

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

Academic Honors

Zayed Scholars

Eligibility

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

Process

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

B. Graduation Honors

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

Graduating CGPA of 3.90 to 4.00 Highest Distinction

Graduating CGPA of 3.70 to 3.89 High Distinction

Graduating CGPA 3.6 to 3.69 Distinction

Process

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

Academic Bridge Program (ABP)

Faculty Listings

Director: Wayne Jones

Associate Director (Abu Dhabi): Robert Turner

Assistant Director (Dubai): Barnaby Priest

Program Supervisor (Abu Dhabi): Gregory Samuelson

Assessment Supervisor (Abu Dhabi): Elizabeth Jones

Assessment Supervisor (Dubai): Beth Wiens

Curriculum Supervisor (Abu Dhabi): Sheila Andon

Curriculum Supervisor (Dubai): Suzanne Littlewood

Administrative Officers:

Mais Baqir (Dubai Campus)

Ayeda AlObathani (Abu Dhabi/Women's Campus)

Administrative Officers:

Buthaina Fadaaq (Abu Dhabi/Men's Campus/ IELTS Center)

Administrative Assistants:

Alaweya AlHashmi (Abu Dhabi/ Women's Campus / IELTS Center)

Hessa AlSuwaidi (Dubai / IELTS Center)

Assistant Professors:

Jenny Eppard, Effrosyni Georgiadou, Zeina Hojeij, Tony Myers, Aicha Rochdi, Raymond Sheehan

Instructors:

Omar Ahermouch, Faisal Al-Attar, Kristi Arnold, Aesha Attard, Andrew Bailey, Jamie Baird, Jesse Balanyk, Sheila Barry, Robert Bohning, Michael Boshell, Helen Bowen, Michael Bowles, Amanda Bradford, Paul Brazeau, Jaime Buchanan, Ahmed Bulbulia, Fatma Burcu Unal, Tuba Burkett, Tiffany Cammidge, Joyce Choueri, Gillian Christie, Neville Clarkson, Jane Clifford, Rebecca Colestock, Peter Corbett, Myrelle D'Abreu, Maureen Dalton, Mihaela Dascalu, Peter Davidson, Jeff Davis, Koos DeBeer, Paul de Jong, Ida Dolci, Beth Drury, Brendan Duffy, Eric Dury, Fatma ElShafie, Willie Ferguson, Peter Forward, Sylvia Frier, Daniel Gheorghe, Aysen Gilroy, Ruth Glasgow, Donald Glass, Michael Gowgiel, Aimee Grange, Louise Greenwood, Eirlys Gwynne, Ruth Hamilton, Guy Holmes, Sarah Hopkyns, Hilda Horemans, Zoe Hurley, Raida Ishak, Veena Jagdev, David Jeffrey, Sharon Kelly, Nalan Kerr, Shama Khan, Daniel Knibloe, Jeremy Kritt, John Laing,

John Landers, Brione LaThrop, Ruth Lobo, Nicole Long, Lynn Lund, Jesse Macpherson, Linda Marshall, Andrew McGladdery, Kara McKeown, Guy Meredith, Helen Newman, Timothy Nicoll, Ajda Osifo, Dina Osman, Stephan Ottewill, Pinar Ozdemir-Ayber, Leyla Ozmenekse, Julian Peachey, David Penner, Andrew Perkins, Duncan Pollock, Allison Priest, Amanda Radwan, Ruth Radwan, Preeya Reddy, Kaya Reed, Gus Riera, Cathryn Roos, Jerome Rothermund, Khoulood Sabbagh, Liane Sandrey, Christen Savage, Janice Singh, Tatjana Skoro, Emma Smart, Paul Smyth, Jerry Spring, Ann Stephenson, Steven Strasen, Peter Tall, Erik Thornquist, Kate Tindle, Paola Trejo, Jay Trimiari, Randy Vanarsdale, Tara Waller, Cynthia Weston, Timothy Whitcomb, Stuart Williams, Omar Wohler

Mission

The Academic Bridge Program is a dynamic unit tailored to the needs of Zayed University. It prepares students to function effectively in tertiary-level English medium studies at Zayed University. ABP students begin to acquire the academic skills of successful, independent lifelong learners, and develop competence in English language to function effectively in an increasingly bilingual environment and as leading members of the workforce and community.

The ABP aims primarily to:

- Develop students' academic English language skills through strengthening academic reading, writing, speaking and listening in order to prepare them for successful transition to undergraduate study.

In addition the ABP aims to:

- Develop multi-literacy skills for 21st century learning, including critical and reflective thinking.
- Strengthen students' disposition for effective learning at tertiary level.

Academic Bridge and Developmental Courses

ENG 020 English for Academic Purposes 2 0 Credit (A2 CEFR)

This course aims to develop skills in English for academic purposes. Students learn to produce simple essays on personal and factual topics. They also learn to make short simple oral presentations and take part in prepared discussions. Students will read and listen extensively to a range of texts, including academic texts, as well as reading extensively for language development and enjoyment.

During this course students will have 20 hours a week scheduled in the classroom. Students will study reading, writing, speaking and listening as well as develop academic and information literacy skills. They will be expected to work independently on vocabulary and extensive reading. They will also be responsible for producing a portfolio that contains samples of their work and reflections on their learning. Students will also work on projects that may be group, pair or individual work.

The teacher will provide each student with materials in the form of an online textbook for speaking and listening and a hard copy textbook for reading and writing as well as extra material to support student learning.

ENG 030 English for Academic Purposes 3 0 Credit (B1 CEFR)

This course aims to develop students' skills in English for academic purposes. Students will learn to produce essays that use evidence from reading texts. They will also learn to take part in academic presentations and discussions. Students will learn how to read academic texts and listen and understand academic speech.

During this course students will have 20 hours a week scheduled in the classroom. They will study reading, writing, speaking and listening as well as develop academic and information literacy skills. Students will be expected to work independently on vocabulary and extensive reading. They will be responsible for producing a portfolio that contains samples of work and reflections on learning. Students will also work on projects that may be group, pair or individual work.

The teacher will provide each student with materials in the form of an online textbook for speaking and listening and a hard copy textbook for reading and writing as well as extra material to support student learning.

ENG 040 English for Academic Purposes 4 0 Credit (B1/B2 CEFR)

This course aims to develop students' skills in English for academic purposes. Students will learn to produce essays that use evidence from a range of reading texts on academic topics. They will also learn to take part in extended academic presentations and discussions. Students will learn how to read academic texts and listen and understand academic speech.

During this course students will have 20 hours a week scheduled in the classroom. They will study reading, writing, speaking and listening as well as develop academic and information literacy skills. Students will be expected to work independently on vocabulary and extensive reading. They will be responsible for producing a portfolio that contains samples of work and reflections on learning. Students will also work on projects that may be group, pair or individual work. In addition, they will develop the knowledge and skills that will prepare them to take the IELTS examination.

The teacher will provide each student with materials in the form of an online textbook for speaking and listening and a hard copy textbook for reading and writing as well as extra material to support learning.

University College

Faculty Listings by Department

Dean: Jyoti Grewal

Associate Dean, Abu Dhabi: Anthony Rhodes

Associate Dean, Dubai: Belkeis Altareb

Assistant Dean of Students, Abu Dhabi:

Imani Fredricks-Lowman

Assistant Dean of Students, Dubai: Zia Saunders

Assistant Dean of Research: Wafa Zoghbor

Department of Advising and Academic Development

Assistant Professors:

Adam Jeffers, Imani Fredricks-Lowman (Co-Chair, Abu Dhabi), Jason Ratliff, Jobila Sy, Lance Kahn, Lavious Felix Daniels, Melvin Jackson, Natesha Smith, Nii Sai Doku, Patricia Robinson

Instructors:

Ahmed Bada, Alisha Tysor, Cassandra Shukla, Genille Anderson, Gus Bogardis, Jose Hernandez, Mahe Anjum, Michael Brochu, Michelle Elghardgui (Co-Chair, Dubai), Nekeyla Oliver, Ola Al-Muhtadi, Patricia Abu Wardeh, Sally-Ann Long, Sherok Nafie, Shokha Yusef, Suheir Awadalla, Thomas Opio, Umbreen Shaikh

Department of Interdisciplinary Studies

Professor:

Wlodzimierz Julian Korab-Karpowicz

Associate Professor:

Tofi Rahal

Assistant Professors:

Arimar Vieira, David Gallacher, Ginger Silvera, Georgia Papanikolaou, Georgios Papakis, Iman Boukhobza, Ikko Tucker (Co-Chair, Dubai), Joel Shelton, Kenesha Wilson, Ladan Affi, Leena Taneja, Magdalena Karolak, Mahmoud Bataineh, Mohammad Hussain, Rozita Johari, Sheldon Kohn (Co-Chair, Abu Dhabi), Sonia Cancian, Sreepoorna Unni, Sujith Mathew, Swetasree Roy, Thomas Pfau, Thomas Svatos, Vidhya Sunil, Ximena Cordova

Instructors:

Abeer AlHasan, Amal Eljazzar, Amna Al Saleh, Areej Abdul Fattah, Asmaa Mohamed, Dina Khanat, Farahnaz Karim, Fariba Shaikh, Gerald Elvey, Gergana Al Zeer, Hemali Makhija, Jennifer Egloff, Lama Musa, Mariam Al-Qubaisi (on leave), Mira Al Hussein (on leave), Nadera Baig, Rana Almutawa, Rumisa Nabi, Saima Akhund, Sanayah Khan, Shamma Aldabal, Simar Azzam, Sumitra Anilkumar

Department of English & Writing Studies

Associate Professor:

Annick Durand (Co-Chair, Dubai), David Palfreyman, David Ramsey, Lisa Isaacson (Co-Chair, Abu Dhabi), Mary-Angela Willis, Ranjini Philip

Assistant Professors:

Amir Kaviani, Brian Thornton, Chrysavgi Papagianni, David Frear, Hamada Kassam, Helga Szidonia Haragos, Hulya Yagcioglu, Jingjing Qin, Kenneth Zuercher, Lheisa Dustin, Marielle Patronis, Mehtap Kocatepe, Mohammad Qureshi, Oya Basaran, Telma Steinhagen

Instructors:

Ann Barrell, Catherine Journeaux, Christopher Thornton, Forrest Cole, Gary O'Neill, Ian Davison, Irina Kohn, James Buckingham, Keith Van Tassel, Lisa Kassem, Mark French, Minoo Asdjodi, Moira Prentice, Norman Williams, Paul Carroll, Peter Hassall, Senem Donanci, Shorouk Hanafy, Timothy Groombridge, Ursula Walsh

Department of Mathematics and Statistics

Professors:

Ibrakhimjon Rahimov

Associate Professor:

Andrew McHugh, Jalalidin Jaenbai, Jason Johnson, Linda Smail, Qasim Al-Shboul, Stephen Curry

Assistant Professors:

Cindy Stiegelmeier, Farid El Ktaibi, Fayez Sayed, Francis Chow, Haziem Hazaimah, Jon Pierre Fortney, Kevin Ruth, Leonard Raj, Mark Causapin (Co-Chair, Abu Dhabi), Manisha Kankarej (Co-Chair, Dubai), Nicola Spinelli, Rana Zein, Shashidhar Belbase

Instructors:

Dana Saleh, Fida Al Omari, John McPhail, Mariam Hariri, Puja Gridhar, Shumaila Javed, Sunitha Kannenchery, Suja Mathew, Timothy Ikey, Umadevi Elangho

Introduction

University College comprises of specialist faculty organized in four departments; each contributes to the University's general education program organized as the *Colloquy on Integrated Learning*. Concentrating on the first three semesters of the Zayed University education, the departments attend to the intellectual development of students through advising and mentoring, conducting core courses of the Colloquy, and offering additional support outside the classroom. In addition, the Department of Mathematics and Statistics offers a Minor in Applied Mathematics.

Mission

University College offers high quality general education, the Colloquy, to students and prepares them for their future majors and eventual employment. The experience instills in the students a desire for lifelong learning, fosters intellectual curiosity, and engenders critical thinking. The Colloquy program initiates the baccalaureate careers of all Zayed University students.

Colloquy on Integrated Learning

The goal of the Colloquy on Integrated Learning is to build students' understanding of their relationship to the world and to equip them to be successful at the University, in their professions and in their personal lives through an integrated, skill-rich, interdisciplinary core curriculum. Within this interdisciplinary framework, the Colloquy builds students' abilities to think critically about the relationship between local contexts and global forces through a comparative engagement with the world, its histories, its problems, and its successes. At the same time, students are prepared to work in their major field of study and in their professions through systematic development of their abilities in critical thinking, computer applications, information literacy, and the Arabic and English languages.

Zayed University Learning Outcomes and the Colloquy Program

The Colloquy Program has adopted all the Zayed University Learning Outcomes as its own program learning outcomes. The six Zayed University Learning Outcomes supported by the Colloquy Program are the following:

- **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.
- **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.
- **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.
- **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.
- **Leadership:** Zayed University graduates will be able to undertake leadership roles and responsibilities, interacting effectively with others to accomplish shared goals.
- **Technological Literacy:** Zayed University graduates will be able to effectively understand, use, and evaluate technology both ethically and securely in an evolving global society.

Vision of the Core Curriculum

The Colloquy on Integrated Learning achieves its six learning goals through a curriculum that creates an intellectual experience shared by all Zayed University students. This curriculum is organized as the **Common Core**. During the first three semesters of the baccalaureate program, students enroll in a standardized core program made up of five sets of closely related interdisciplinary courses. These sets of courses (sequences) are devoted to introducing students to life skills and entrepreneurship, global awareness, English, Arabic, science, mathematics, and technology.

Colloquy Common Core Semesters One - Three		
Semester One		Credits
COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3
COL 120	Life Skills	3
COL 130	Arabic Concepts	3
COL 140	English Composition I	3
COL 150	Global Awareness I: Human Geography	3
Total Credits		15
Semester Two		Credits
ADV 201	Advising	0
COL 111 OR COL 112	Mathematical Modeling with Function OR Mathematical Modeling for Business	3
COL 135	Islamic Civilization I	3
COL 145	English Composition II	3
COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
COL 165	The Nature of Science Discovery	3
Total Credits		15
Semester Three		Credits
COL 220	Entrepreneurship and Innovation	3
COL 230	Islamic Civilization II	3
COL 240	English Composition III	3
*COL 255	Emirates Studies	3
*COL 260	Living Science: Health & Environment	3
*COL 270	Introduction to Information Technology	3
Total Credits		18
Colloquy Common Core: Total Credits		48

*COL 255, COL 260, and/or COL 270 may be scheduled for semester three, four, five, or six.

Key Features of the Colloquy Core

Sequence 1

University Socialization, Life Skills, and Entrepreneurship **COL 120 and 220**

Sequence 1 of the Colloquy aims to socialize students to the University, assist them with life skills, and cultivate an entrepreneurial spirit. It does so through:

- introducing students to the University and building their capacity to be successful students;
- increasing their understanding of the U.A.E.'s economic and social development and their future role in building the nation;
- assisting them in assessing their own talents and circumstances so as to enable them to make good choices about their education and future careers; and,
- introducing the benefits of entrepreneurship as a career choice.

During the first semester, students enroll in Life Skills (COL 120), a course that introduces them to the skills required to be successful in University and life. Academic advising is ongoing and offered throughout the course to support students in their academic needs and to assist them in the social adjustment to university life.

During the second semester students enroll in Advising 201 that assists them in exploring the relationship between their personal talents and circumstances and the professional world they will enter after graduation. In the third semester, students take Entrepreneurship and Innovation (COL 220). This course requires students to understand entrepreneurship and explore this as a career choice.

Semester 1	Semester 2	Semester 3
COL 120 Life Skills	ADV 201 Advising	COL 220 Entrepreneurship and Innovation

Students who exit the Academic Bridge Program mid-semester ("Term B" students) normally enroll in special sections of a selection of offerings. Taken as a "double-density" course and delivered in 10 weeks, this course constitutes the student's full load for the second term of the semester.

Sequence 2

The Global Awareness Courses **COL 150, 155, 255, 135, 230**

COL

One of the Colloquy's primary goals is to equip students with tools for analyzing the dynamic change that is taking place in the United Arab Emirates, the region, and the world. At the same time that the Colloquy equips students to evaluate the processes of change, it also develops their understanding of the history of their own traditions though demonstrating that timeless values can be successfully integrated into new circumstances.

These courses enable students to understand and value their own culture and the cultures of others. One set of courses considers the interrelationship between environment and culture, looking at both present and past peoples and traditions. The other set concentrates on Islamic civilization, including the U.A.E.. All courses encourage informed, socially responsible, and intellectually mature perceptions of and responses to differences among cultures widely dispersed in space and time. Global Awareness I examines how physical space affects people and cultures; then the students engage with the nature and scope of different historical encounters throughout history in Global Awareness II. Emirates Studies focuses on the U.A.E. and its relationship to the world. In every course students draw useful evidence from economic, social, political, literary, scientific, technological, and visual sources.

The Islamic Civilization courses, COL 135 and COL 230, complement the three Global Awareness courses through the study of both the continuities characteristic of Islam and the interactions between Islamic peoples and other civilizations. The courses move chronologically from the foundations of Islam to its practice in the modern world. The program emphasizes the contributions that Islamic civilization has made to human civilization in general and the ways it has changed and adapted through time. While Islam's core values have remained intact, its civilization has been enhanced through assimilating knowledge from the cultures of other peoples. Arabic is the language of instruction in the Islamic Civilization courses.

Semester 1	Semester 2	Semester 3
COL 150 Global Awareness I	COL 155 Global Awareness II	COL 255 Emirates Studies
	COL 135 Islamic Civilization I	COL 230 Islamic Civilization II

Sequence 3

Academic English Language Development COL 140, 145, 240

Academic success in a student's major is dependent on the student's ability to read, write, and speak academic English. The Colloquy facilitates the systematic improvement of these skills. During each of the Colloquy's first three semesters, students enroll in an English Composition course (COL 140, 145 and 240). Each of these courses is designed to develop students' skills in using the language as a tool for critical analysis and self-expression. In order to facilitate systematic improvement, student work is assessed using standardized rubrics. This method assures that all students are required to meet common standards. By the end of the three courses, students are able to write short, well-organized papers characterized by argument and evidence.

Semester 1	Semester 2	Semester 3
COL 140 English Composition I	COL 145 English Composition II	COL 240 English Composition III

Entering students with exceptionally strong qualifications in the English language may enroll in COL 140A, an advanced version of English Composition I. Additionally, students with low IELTS reading scores will be provided additional reading support.

Writing assignments in other courses in the Colloquy are likewise characterized by a commitment to high standards of English. Writing assignments throughout the first three semesters use the Colloquy's grading rubric.

“English Only” Policy: Courses in the Colloquy maintain an “English Only” policy. A student's ability to work in English is promoted through a classroom environment in which the student is immersed in the language. Students use only English in all of their communication with faculty and other students while they are in the Colloquy classroom. (This does not apply to COL 130 Arabic Concepts or to COL 135 and 230 Islamic Civilization, which are conducted in Arabic.) Because it is important for students to master the conventions of academic English in the first three semesters to prepare them for success in their majors, it is essential that immersion in the English language during class be as complete as possible.

Students' English skills are further developed by taking intensive English courses in their major. This affords students an opportunity to concentrate on the use of English as a vital aspect of their development as professionals by introducing them to the professional vocabulary and modes of communication in their chosen area of study.

Sequence 4

Academic Arabic Language Development COL 130, 135, 230

The development of students' ability to use Arabic in a professional setting is one of the University's primary goals. Colloquy plays a major role in helping students reach this goal through three courses taught in the Arabic language. All students are assessed in their knowledge of Arabic when they first enroll at Zayed University. Special Arabic support is offered for international students and for those students who need additional preparation in the Arabic language.

In the first of these courses, Arabic Concepts (COL 130), students are introduced to the formal language of Arabic to prepare them for further subject-specific courses in each of the major disciplines taught at Zayed University. The COL 130 course includes units covering various aspects of the Arabic language and literature such as prominent intellectual and social issues pertaining to U.A.E. and Gulf region societies, Arabic heritage, famous personalities, and selection from modern Arabic literature. Through reading and writing based on these subject areas, students develop a broader understanding of the academic vocabulary and writing conventions used across the University.

After taking Arabic Concepts in the first semester, students enroll in Islamic Civilization (COL 135 and COL 230) in their second and third semesters. In addition to being a part of the Global Awareness sequence, the Islamic Civilization courses are also committed to improving students' formal Arabic. Both courses require that students complete a research project that forms the basis of a major formal presentation to the class, thus strengthening both writing and speaking in formal Arabic.

Students' Arabic skills are further developed in the Arabic-in-the-disciplines program. Students take at least two Arabic language labs (or a college-designed alternative as approved by the Colloquy program). The labs, normally offered in semesters 4 and 6, are linked with required courses in the majors, giving students an opportunity to concentrate on Arabic as a vital aspect of their professional development. Arabic labs are specifically tailored to majors and introduce students to the professional vocabulary and modes of communication in their chosen area of study.

Semester 1	Semester 2	Semester 3	Semesters 4 and 6
COL 130 Arabic Concepts	COL 135 Islamic Civilization I	COL 230 Islamic Civilization II	Arabic Labs linked to required major courses

Sequence 5

Science, Mathematics, and Technology

COL 110, COL 111 (or COL 112), COL 165, COL 260, COL 270

The Colloquy on Integrated Learning lays the foundation for technologically assisted quantitative and scientific thinking through a set of three courses. Students take a sequence of mathematics courses depending on their mathematical ability. This is measured by using a project-based approach, students in Mathematical Modeling with Data (COL 110) use software to solve problems, complete meaningful tasks, and analyze results. In Mathematical Modeling with Functions (COL 111) students develop problem-solving skills in applied mathematics that sharpen their capacity to use numerical reasoning in practical contexts. Those students who plan on being accepted to the College of Business are required to take COL 112. This course, Mathematical Modeling for Business, helps students develop problem-solving skills using business models, introducing business vocabulary and preparing them for further quantitative business methods.

In COL 165, The Nature of Science Discovery, students begin their journey of thinking and inquiring in a scientifically rational manner, while in Living Science: Health and Environment (COL 260), students develop their ability to use scientific and quantitative principles to understand and analyze links between health, the environment and the effects of sustainability. COL 270 prepares students to be fully capable and informed citizens in our information-driven society by emphasizing learning, and adept use of essential information technology concepts and skills.

Semester 1	Semester 2	Semester 3
COL 110 Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	COL 111 Mathematical Modeling with Functions OR COL 112 Mathematical Modeling for Business COL 165 The Nature of Science Discovery	*COL 260 Living Science: Health and Environment * COL 270 Introduction to Information Technology

*COL 260 and COL 270 may be scheduled for semester three, four, or five.

Developmental Mathematics: A student's score on the CEPA Mathematics Examination or Internal Mathematics Placement Exam may require the student to enroll in MTH 001 or MTH 101 Basic Mathematics, prior to entering the COL sequence of courses.

Arabic: Each major designates at least two required courses to be linked to a 1- or 2-credit Arabic lab or an alternative approved by the Colloquy program. The labs are tailored to the needs of each major and support students' capacity to work in the vocabulary and modes of communication in their major. They also support their further growth in the use of the Arabic language in a professional context by building on the base developed in the Colloquy program. These courses and their accompanying labs are taken normally in the fourth and sixth semester.

Advising

Faculty within the Department of Advising and Academic Development are responsible for the academic welfare of students who are studying in the Colloquy on Integrated Learning and for providing students with the courses on Life Skills, Entrepreneurship and Innovation, and career options that fit their personalities. Students receive the support and guidance they require to successfully make the transition into and through their three semesters of the program. In addition, faculty work very closely with students in groups and individually to encourage and help students to achieve success by taking charge of their own learning.

Student Academic Support Hub (SASH)

University College maintains the Student Academic Support Hub (SASH, or The Hub) for students needing developmental assistance in their Colloquy courses. Staffed with faculty members who offer assistance in writing, mathematics, science, and global awareness, The Hub also acts as a resource for assessing overall institutional effectiveness in skill development.

Minor in Applied Mathematics

A minor in Applied Mathematics should be attractive to students majoring in a variety of disciplines within the College of Sustainability Sciences and Humanities, the College of Business, and the College of Technological Innovation. This minor provides formal recognition of the strength and depth of a student's quantitative knowledge beyond the foundational mathematics requirements of the Colloquy on Integrated Learning.

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

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

To complete both their major and minor programs within the number of semesters allowed for study at Zayed University and without having to enroll in an overload course schedule, students intending to enroll in the Applied Mathematics minor should consider commencing the program of study at the beginning of their second baccalaureate year, i.e. one semester in advance of making the formal registration.

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

- (a) Students must take, and pass with a grade of D or higher, the following four required courses (12 Credit Hours):

MTH 121 Calculus I	MTH 122 Calculus II
MTH 281 Probability and Statistics I	MTH 331 Linear Algebra

- (b) must select, and pass with a grade of D or higher, three elective courses (nine Credit Hours) from the following list:

MTH 341 Differential Equations	MTH 351 Discrete Mathematics
MTH 353 Numerical Analysis	MTH 361 Modern Geometry
MTH 482 Probability and Statistics II	MTH 390 Selected Research Project

To be awarded the minor in Applied Mathematics, a student must successfully complete all seven courses (four required courses and three elective courses) with a grade of D or higher in each course and achieve a grade point average over the seven courses of 2.0 or higher.

Outreach and Engagement

University College participates in outreach and engagement activities coordinated by the Institute for Community Engagement.

College of Arts and Creative Enterprises

Degrees

Bachelor of Fine Arts (B.F.A.) in Animation Design

Bachelor of Fine Arts (B.F.A.) in Graphic Design

Bachelor of Fine Arts (B.F.A.) in Interior Design

Bachelor of Fine Arts (B.F.A.) in Visual Arts

Minor

Curatorial Practices

Major

The B.S. in Multimedia Design (joint with College of Communication and Media Sciences and College of Technological Innovation)

Major

The B.A. in Emirati Studies (joint with College of Communication and Media Sciences and College of Sustainability Sciences and Humanities)

Faculty Listings

Dean: Ann-Maree Reaney

Associate Dean: Janet Bellotto

Assistant Dean, Abu Dhabi: David Howarth

Assistant Dean, Dubai: Leon KL Chew

Professor: Thorsten Lomker

Associate Professors: Janet Bellotto, Joshua Watts, Karen Oremus, Katharina Richter, Leon KL Chew, Mehdi Sabet, Russell Hamilton, Sarah Lahti, Yunsun ChungShin

Assistant Professors: Adina Hempel, Atteqa Ali, Colleen Quigley, Dahlia Mahmoud, Daniel Echeverri, David Howarth, Elisabeth Stoney, Lina Ahmad, Marco Sosa, Matthew Dols, Meriem Mckenzie, Naz Shahrokh, Omid Rouhani, Rahul Malpure, Sabrina DeTurk, Scott Conard, Stefan Messam, Tina Sleiman

Instructors: Andrew Buchanan, Banu Colak, Joanne Renaux, Jodi Magi, Marie-Claire Bakker, Naida Akaeva, Nazima Ahmad, Zara Mahmood

Mission

[CREATIVE][INNOVATIVE][COLLABORATIVE][EMPOWERING]

The College of Arts and Creative Enterprises aims to prepare students to become creative leaders in the arts and related industries. Its mission is to provide student artists and designers with an opportunity to explore and develop their own creative ideas while contributing to national cultural, entrepreneurial, and social/educational initiatives in the United Arab Emirates.

This mission 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;
- give back to their community.

GOALS

- To provide technical, informative teaching that offers a solid foundation of skills from the creative art and design disciplines;
- To empower students to work successfully as leaders in the world of art and design, pursue postgraduate studies, or establish themselves as committed artists and designers;
- To facilitate the successful employment of graduates in art and design;
- To promote student and alumni work in appropriate professional venues throughout the United Arab Emirates and the international community;
- To serve as an academic center for the arts by tracking the development and growth of the cultural identity of the country through documentation and research;
- To provide exchange between local, national, and international artists, designers, and scholars through international conferences, exhibitions, and lectures;
- To contribute to the improvement of art education at all levels in the United Arab Emirates.

Academic Program

Zayed University is the first Federal institution of higher education in the United Arab Emirates to offer a degree in Art and Design. Providing for this unique opportunity is the major responsibility of the College of Arts and Creative Enterprises program although it may contribute to the Colloquy on Integrated Learning.

Coursework and out-of-class experiences provide opportunities for students to develop competency and document achievement in the Zayed University Learning Outcomes. Student achievement in the Zayed University Learning Outcomes is assessed through the normal assessment process in each

course by instructors, and specific courses are assessed through ePortfolios and other methods.

Demonstration of competencies in ZULOss related to the major is assessed through the Senior Project Course and through periodic assessments by instructors and advisors during the undergraduate program.

In addition to the baccalaureate degrees in Art and Design, the College of Arts and Creative Enterprises offers two additional degrees jointly with other colleges.

Emirati Studies (joint with College of Communication and Media Sciences and College of Sustainability Sciences and Humanities)

This interdisciplinary program draws theoretical perspectives and applied knowledge from the Colleges of Sustainability Sciences, and, Communication and Media Sciences in order to develop a comprehensive course of study in two fundamental areas of Emirati cultural resources: archaeological and historical knowledge, heritage and cultural production. The other elements of the program are designed to provide career preparation in exhibition design and curatorship, and cultural tourism—sectors that are expanding within the United Arab Emirates. The country needs citizens who, knowing their history, heritage, and culture, can work effectively in both heritage tourism and cultural tourism. Those targeted growth sectors

are seeing considerable investment in restoration, conservation, museums, arts centers, and cultural festivals and celebrations. Investment in the human capital to staff those new ventures is necessary if the United Arab Emirates is to be a successful tourist destination. Graduates with the degree in Emirati Studies will expand national capacity in all the knowledge and skill areas that support and sustain heritage and cultural tourism. Eligible Emirati Studies students may apply for the HSS Honors Thesis option, which will add 3 credit hours to their program.

Multimedia Design (joint with College of Technological Innovation and College of Communication and Media Sciences)

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.

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:

ART 220 Introduction to Art History
ART 223 Arts of the Modern World
ART 251 Basic Design
ART 326 Representation: Exhibition, Display, and Interpretation I
ART 430 Curatorial Practices

One of three required:

ART 325 History of Design
ART 327 Representation: Exhibition, Display, and Interpretation II
ART 420 Communities, Curatorial Practices, and Collections

Zayed University Learning Outcomes

(ZULOs) College coursework and out-of-class experiences provide opportunities for students to develop competency and document achievement in the Zayed University Learning Outcomes. Student achievement in the Zayed University Learning Outcomes is assessed through the normal assessment process in each course by instructors. Faculty monitor the development process of ePortfolios, and during the fourth year, prior to

internship, they assess ZULO achievement levels and readiness for internship.

Major Learning Outcomes and Assessment Protocols

The Learning Outcomes of the College of Arts and Creative Enterprises major are common to the international standards for art studies and relate to all of the specializations. Graduates in art and design fields will achieve a level of proficiency with the following learning outcomes:

MALO 1: Theory and History of Art and Design (linked to ZULO 1: Language, and ZULO 5: Global Awareness)

- 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.

MALO 2: Professional Art and Design Practice (linked to ZULO 1: Language, and ZULO 5: Global Awareness)

- 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.

MALO 3: Critical Thinking (linked to ZULO 3: Critical Thinking and Quantitative Reasoning)

- 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.

MALO 4: Visual Literacy (linked to ZULO 4: Information Literacy)

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

MALO 5: Information Technology (linked to ZULO 2: Technological Literacy)

- 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 and design problems and projects

MALO 6: Teamwork and Leadership (linked to ZULO 6: 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.

Assessment Protocols

Assessment of student work in the College is continuous from entry into the major through graduation via projects, peer and faculty critiques, project implementation, and the completion of a comprehensive body of work that demonstrates technical and conceptual growth. Students are required to express themselves not only through visual media but also through the written word as a means of clarifying the awareness, analysis, and critical reflection of the relationship between the student's work and contemporary art theory. Students receive continuous feedback from instructors in the process of instruction and project development and through critiques of completed projects.

Admission Criteria

For students entering the baccalaureate program the College requires that the applicant for admission to the major must fulfill the following requirements for acceptance:

- satisfactory completion of 42 semester credit hours or more;
- attainment of cumulative GPA of 2.0 or higher;
- achievement of grades of “C-“ or better in COL 140, COL 145, and COL 270;
- achievement of grades of “D” in COL 110, and COL 111 Note: Interior Design requires a grade of “C-“ or better in Col 110 and COL 111;
- achievement of passing grades (D or better) in COL 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 240, COL 255, and COL 260.

COL 260 and 270 may be scheduled for semester three, four, or five. The College also requires that entering students achieve a grade of C- or higher in one practical art course (ART 201 or ART 205).

Art and Design Curriculum

Initially, the major in Art and Design requires a solid grounding in the foundations of the creative disciplines. As part of the core curriculum program, students are encouraged to take courses which will establish their interest in and dedication to the pursuit of the major before they apply to enter the major.

All majors in Art and Design complete courses that provide the foundation for all specializations. From these foundation courses, students branch into the major of their choice. Students from all majors intermingle in courses, providing a rich learning environment as their projects are developed, critiqued, and exhibited.

Three culminating efforts provide the framework within which fourth-year students mature as artists or designers: the internship, the Senior Project, and the Senior Exhibition, which grows out of the Senior Project. The internship provides a career-related, experience-centered professional work opportunity from which students gain skills training and professional life experience. The Senior Project, while taking on a variety of forms, records their culminating skills, process, and research. The goal of the process is for the student to create a body of work that demonstrates growth as an artist/designer, thinker, and new member of the artistic and professional community. The Senior Exhibition provides an opportunity for a group show in a public venue, which gives students public recognition for their work.

In addition to academic and studio work, art students participate in field trips to museums, galleries, design firms/agencies archeological and architectural sites and become involved in various University events and other activities which demonstrate their versatility and competence.

The curriculum for the major in Art and Design has been developed to be consistent with the accreditation standards of the National Association of Schools of Art and Design (NASAD) in the United States.

Degrees

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.

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.

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.

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.

Internship

Internships for academic credit add a significant experience in the workplace to a student's education. The internship provides a career-related, experience-centered professional work opportunity from which students gain skills training and professional life experience.

Graduation Requirements

Students must complete at least 132 semester credit hours and attain the standards specified on page 22.

Hour-to-Hour-to-Credit Course Explanations

3 cr. Lecture courses = 3 faculty contact hrs. per week in class. One semester credit hour = 1 hour each week of direct faculty instruction

(typically 100% group lecture, discussion, and Q and A) of scheduled class time. For each hour of class time there are two hours of homework out of class, or 6 hours per week.

3 cr. Electronic Lab courses = 4 faculty contact hrs. per week in class. One semester credit hour = 1 hr. and 20 min. each week of direct faculty instruction (on average 66% group lecture, demonstration, critique, and 34% individualized one-on-one tutorial) of scheduled class time. There are 5 hrs. of homework out-of-class, for a total of 9 hours per week of coursework.

3 cr. Studio courses = 5 faculty contact hrs. per week in class. One semester hour of credit = 1 hr. and 40 min. each week of direct faculty instruction (on average 33% group lecture, demonstration or critique, and 67% individualized one-on-one tutorial) of scheduled class time.

There are 4 hrs. of homework out-of-class, for a total of 9 hours per week of coursework.

Transfer Credit Requirements in the College of Arts and Creative Enterprises (CACE)

The transfer of credit and level of placement in CACE Majors are determined on an individual, case-by-case basis. The following are the guidelines used by CACE to determine the transfer of credits:

- 1 Individuals seeking to obtain transfer credits must apply to the Office of the Registrar at Zayed University. If the individual meets Zayed University requirements, academic transcripts and individual course syllabi will be sent to the CACE Dean's Office for each course that the individual wishes to have reviewed for credit transfer.
- 2 The CACE Dean's Office will only review courses that fall under the current CACE requirements and curriculum.
- 3 Applicants to the CACE majors may receive transfer credits but may not be officially admitted into the College until they have completed the required credits in General Education (Colloquy) if this coursework was not included at their previous institution.
- 4 It is not uncommon that applicants who have completed significant coursework in their intended major get placed in the first-year of their major because they have not completed the required CACE foundation level coursework.

Portfolio Review

If you submit an application for transfer credits to a CACE major, you will be contacted by the CACE Dean's Office to schedule a portfolio review with a faculty member from the major to which you are applying. A portfolio review can only be scheduled once all college transcripts and syllabi have been received and approved by the CACE Dean's Office. Applicants cannot receive transfer credits without having a visual portfolio.

Credit from Summer Studies or from Credits Taken Elsewhere While on Leave from Zayed University

Students can receive inter-institutional transfer credits taken during the summer or while on leave from Zayed University. Courses intended for transfer back to CACE must be approved by the CACE Dean's Office prior to the course being taken, and must align with the Zayed University policies regarding credit transfer.

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Animation Design
Nine-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with functions OR Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places and Traditions	3
				COL 165	The Nature of Science Discovery	3
	Total		15	Total		15
Year 2	Semester 3			Semester 4		
	COL 230	Islamic Civilization II	3	COL 255	Emirates Studies	3
	COL 240	English Composition III	3	COL 270	Introduction to Information Technology	3
	COL 220	Entrepreneurship and Innovation	3	ART 220	Introduction to Art History	3
	ART 201	Principles of Design	3	ART 310	Drawing I	3
	ART 205	Art Foundations	3	ART 375	3D Modeling	3
	ART 251	Basic Design	3	ART 345	Digital Video I	3
Total		18	Total		18	
Year 3	Semester 5			Semester 6		
	ART 477	Advanced Modeling, Lighting and Rendering	3	COL 260	Living Science: Health and Environment	3
	ART 376	Animation I	3	XXX	Elective	3
	XXX	Elective	3	ART 377	Animation II	3
	ART 221	Research Methods for Artists and Designers	3	ART 357	Web Design I	3
	ART 223	Arts of the Modern World	3	ART 312	Painting I	3
	ART 223AL	Arabic Lab I	1			
Total		16	Total		15	
Year 4	Semester 7			Semester 8		
	ART 492	Senior Research Seminar	1	ART 496	Senior Project	3
	ART 476	Animation III	3	ART XXX	ART History Elective	3
	ART 475	Game Design	3	XXX	Non ART Elective	3
	XXX	Elective	3	XXX	Elective	3
	ART XXX	ART History Elective	3	ART 405	Professional Practice	3
	XXX	Elective	3	ART 405 AL	Arabic Lab II	1
Total		16	Total		16	
Year 5	Semester 9					
	ART 490	Internship	3			
Total		3				

Total = 132 Credit Hours

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Animation Design
Design, Studio and Art History Elective Options

Design		
	ART 287	Basics of Interior Design
	ART 311	Drawing for Designers
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 328	Cross Cultural Influences in Design
	ART 351	Graphic Design I
	ART 352	Graphic Design II
	ART 355	Designing with Color
	ART 356	Typography I
	ART 359	Information Design
	ART 387	Furniture Design
	ART 452	Packaging Design
	ART 457	Design for the Web II
	ART 456	Typography II
Studio		
	ART 311	Drawing for Designers
	ART 313	Drawing II
	ART 314	Illustration and Visual Narrative
	ART 315	Sculpture I
	ART 316	Ceramics I
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 340	Photography I
	ART 341	Photography II
	ART 346	Digital Video II
	ART 360	Printmaking I
	ART 363	Printmaking II
	ART 365	Digital Printmaking
	ART 366	Book Structures I
	ART 397	Special Topics in Art and Design
	ART 410	Drawing III
	ART 411	Painting II
	ART 413	Painting III
	ART 415	Mixed Media
	ART 418	Installation
	ART 430	Curatorial Practices
	ART 460	Printmaking III
	ART 497	Special Topics in Art and Design
ART HISTORY Students choose 6 credits from a selection of 300 and 400 level courses.		
	ART 322	History of Islamic Art and Architecture
	ART 324	Contemporary Islamic Art and Architecture
	ART 325	History of Design
	ART 326	Representation: Exhibition, Display, and Interpretation I
	ART 327	Representation: Exhibition, Display, and Interpretation II
	ART 328	Cross Cultural Influences in Design
	ART 420	Communities, Curatorial Practices, and Collections
	ART 421	Material Culture of the United Arab Emirates
	ART 422	Contemporary Art Theory
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 430	Curatorial Practices

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Graphic Design
Nine-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with functions OR Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places and Traditions	3
				COL 165	The Nature of Science Discovery	3
	Total		15	Total		15
Year 2	Semester 3			Semester 4		
	COL 230	Islamic Civilization II	3	COL 255	Emirates Studies	3
	COL 240	English Composition III	3	COL 270	Introduction to Information Technology	3
	COL 220	Entrepreneurship and Innovation	3	ART 205	Art Foundations	3
	ART 201	Principles of Design	3	ART 221	Research Methods	3
	ART 220	Introduction to Art History	3	ART 223	Arts of the Modern World	3
	ART 251	Basic Design		ART 223AL	Arabic Lab I	1
			3	ART 351	Graphic Design I	3
Total		18	Total		19	
Year 3	Semester 5			Semester 6		
	ART 310	Drawing I	3	COL 260	Living Science: Health and Environment	3
	XXX	Elective	3	ART 325	History of Design (or of Graphic Design)	3
	ART 356	Typography I	3	ART 452	Packaging Design	3
	ART 357	Web Design I	3	ART 459	New Media Design	3
	ART 352	Graphic Design II	3	ART 451	Graphic Design III	3
Total		15	Total		15	
Year 4	Semester 7			Semester 8		
	XXX	Elective	3	XXX	Elective	3
	XXX	Elective	3	ART XXX	ART History Elective	3
	ART 359	Information Design	3	XXX	Non ART Elective	3
	ART 456	Typography II	3	ART 405	Professional Practice	3
	ART 453	Graphic Design IV	3	ART 405 AL	Arabic Lab II	1
	ART 492	Senior Research Seminar	1	ART 496	Senior Project	3
Total		16	Total		16	
Year 5	Semester 9					
	ART 490	Internship	3			
	Total		3			

Total = 132 Credit Hours

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Graphic Design
Design, Studio and Art History Elective Options

Design		
	ART 287	Basics of Interior Design
	ART 311	Drawing for Designers
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 336	Interior Design Studio I
	ART 337	Color and Light Design
	ART 328	Cross Cultural Influences in Design
	ART 355	Designing with Color
	ART 359	Information Design
	ART 375	3D Modeling
	ART 376	Animation I
	ART 387	Furniture Design
	ART 389	Basic Architecture
	ART 452	Packaging Design
	ART 457	Designing for the Web II
Studio		
	ART 311	Drawing for Designers
	ART 313	Drawing II
	ART 314	Illustration and Visual Narrative
	ART 315	Sculpture I
	ART 316	Ceramics I
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 340	Photography I
	ART 341	Photography II
	ART 345	Digital Video I
	ART 346	Digital Video II
	ART 360	Printmaking I
	ART 363	Printmaking II
	ART 365	Digital Printmaking
	ART 366	Book Structures I
	ART 397	Special Topics in Art and Design
	ART 410	Drawing III
	ART 411	Painting II
	ART 413	Painting III
	ART 415	Mixed Media
	ART 418	Installation
	ART 430	Curatorial Practices
	ART 440	Photography III
	ART 460	Printmaking III
	ART 497	Special Topics in Art and Design
ART HISTORY Students choose 6 credits from a selection of 300 and 400 level courses.		
	ART 322	History of Islamic Art and Architecture
	ART 324	Contemporary Islamic Art and Architecture
	ART 325	History of Design
	ART 326	Representation: Exhibition, Display, and Interpretation I
	ART 327	Representation: Exhibition, Display, and Interpretation II
	ART 328	Cross Cultural Influences in Design
	ART 420	Communities, Curatorial Practices, and Collections
	ART 421	Material Culture of the United Arab Emirates
	ART 422	Contemporary Art Theory
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 430	Curatorial Practices

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Interior Design
Nine-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with functions OR Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places and Traditions	3
				COL 165	The Nature of Science Discovery	3
	Total		15	Total		15
Year 2	Semester 3			Semester 4		
	COL 230	Islamic Civilization II	3	COL 255	Emirates Studies	3
	COL 240	English Composition III	3	COL 270	Introduction to Information Technology	3
	COL 220	Entrepreneurship and Innovation	3	ART 220	Introduction to Art History	3
	ART 201	Principles of Design	3	ART 287	Interior Design Studio I	3
	ART 205	Art Foundations	3	ART 279	CAD I	3
	ART 251	Basic Design	3	ART 311	Drawing for Designers	3
	Total		18	Total		18
Year 3	Semester 5			Semester 6		
	ART 336	Interior Design Studio II	3	COL 260	Living Science: Health and Environment	3
	ART 391	Interior Materials and Construction	3	ART 223	Arts of the Modern World	3
	ART 337	Color and Light Design	3	ART 223 AL	Arabic Lab I	1
	ART 221	Research Methods	3	ART 385	Interior Design Studio III	3
	ART 379	CAD II	3	ART 387	Furniture Design	3
				ART 388	Environmental Control Systems	3
	Total		15	Total		16
Year 4	Semester 7			Semester 8		
	ART 492	Senior Research Seminar	1	ART 496	Senior Project	3
	ART 486	Interior Design Studio IV	3	ART XXX	ART History Elective	3
	ART XXX	ART History Elective	3	XXX	Elective	3
	XXX	Elective	3	XXX	Elective	3
	XXX	Elective	3	ART 405	Professional Practice	3
	XXX	Non ART Elective	3	ART 405 AL	Arabic Lab II	1
	Total		16	Total		16
Year 5	Semester 9					
	ART 490	Internship	3			
	Total		3			

Total = 132 Credit Hours

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Interior Design
Design, Studio and Art History Elective Options

Design		
	ART 311	Drawing for Designers
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 328	Cross Cultural Influences in Design
	ART 351	Graphic Design I
	ART 356	Typography I
	ART 357	Designing for the Web I
	ART 359	Information Design
	ART 375	3D Modeling
	ART 376	Animation I
	ART 387	Furniture Design
	ART 389	Basic Architecture
	ART 452	Packaging Design
	ART 456	Typography II
	ART 457	Designing for the Web II
Studio		
	ART 311	Drawing for Designers
	ART 313	Drawing II
	ART 314	Illustration and Visual Narrative
	ART 315	Sculpture I
	ART 316	Ceramics I
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 340	Photography I
	ART 341	Photography II
	ART 345	Digital Video I
	ART 346	Digital Video II
	ART 360	Printmaking I
	ART 363	Printmaking II
	ART 365	Digital Printmaking
	ART 366	Book Structures I
	ART 397	Special Topics in Art and Design
	ART 410	Drawing III
	ART 411	Painting II
	ART 413	Painting III
	ART 415	Mixed Media
	ART 418	Installation
	ART 430	Curatorial Practices
	ART 440	Photography III
	ART 460	Printmaking III
	ART 497	Special Topics in Art and Design
ART HISTORY Students choose 6 credits from a selection of 300 and 400 level courses.		
	ART 322	History of Islamic Art and Architecture
	ART 324	Contemporary Islamic Art and Architecture
	ART 325	History of Design
	ART 326	Representation: Exhibition, Display, and Interpretation I
	ART 327	Representation: Exhibition, Display, and Interpretation II
	ART 328	Cross Cultural Influences in Design
	ART 420	Communities, Curatorial Practices, and Collections
	ART 421	Material Culture of the United Arab Emirates
	ART 422	Contemporary Art Theory
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 430	Curatorial Practices

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Visual Arts
Nine-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with functions OR Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places and Traditions	3
				COL 165	The Nature of Science Discovery	3
	Total		15	Total		15
Year 2	Semester 3			Semester 4		
	COL 230	Islamic Civilization II	3	COL 255	Emirates Studies	3
	COL 240	English Composition III	3	COL 270	Introduction to Information Technology	3
	COL 220	Entrepreneurship and Innovation	3	ART 221	Research Methods	3
	ART 220	Introduction to Art History	3	Art 223	Arts of the Modern World	3
	ART 201	Principles of Design	3	ART 223AL	Arabic Lab I	1
	ART 205	Art Foundations	3	Art 251	Basic Design	3
				ART 310	Drawing I	3
	Total		18	Total		19
Year 3	Semester 5			Semester 6		
	COL 260	Living Science: Health and Environment	3	ART 345	Digital Video I	3
	ART 312	Painting I	3	Art 360	Printmaking I	3
	ART 315	Sculpture I	3	ART 313	Drawing II	3
	ART 340	Photography I	3	ART XXX	Level II Studio: Painting II, Sculpture II, Photo II, or Printmaking II	3
	ART XXX	Art 351 Graphic Design I or Art 357 Designing for the Web I	3	ART XXX	ART History Elective	3
	Total		15	Total		15
Year 4	Semester 7			Semester 8		
	ART 492	Senior Research Seminar	1	ART 496	Senior Project	3
	ART XXX	Level II Studio: Painting II, Sculpture II, Photo II, or Printmaking II	3	ART XXX	ART History Elective	3
	XXX	Elective	3	ART 405	Professional Practice	3
	XXX	Elective	3	ART 405 AL	Arabic Lab II	1
	XXX	Elective	3	XXX	Elective	3
	XXX	Elective	3	XXX	Non Art Elective	3
	Total		16	Total		16
Year 5	Semester 9					
	ART 490	Internship	3			
	Total		3			

Total = 132 Credit Hours

Zayed University
College of Arts and Creative Enterprises
Bachelor of Fine Arts in Visual Arts
Design, Studio and Art History Elective Options

Design		
	ART 287	Basics of Interior Design
	ART 311	Drawing for Designers
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 328	Cross Cultural Influences in Design
	ART 336	Interior Design Studio I
	ART 337	Color and Light Design
	ART 351	Graphic Design I
	ART 352	Graphic Design II
	ART 355	Designing with Color
	ART 356	Typography I
	ART 357	Designing for the Web I
	ART 359	Information Design
	ART 375	3D Modeling
	ART 376	Animation I
	ART 379	Computer Aided Design (CAD) for Interior Designers
	ART 387	Furniture Design
	ART 452	Packaging Design
	ART 457	Design for the Web II
	ART 456	Typography II
Studio		
	ART 311	Drawing for Designers
	ART 314	Illustration and Visual Narrative
	ART 316	Ceramics I
	ART 318	Three-Dimensional Design
	ART 319	Introduction to Jewelry Design
	ART 341	Photography II
	ART 346	Digital Video II
	ART 363	Printmaking II
	ART 365	Digital Printmaking
	ART 366	Book Structures I
	ART 397	Special Topics in Art and Design
	ART 410	Drawing III
	ART 413	Painting III
	ART 415	Mixed Media
	ART 418	Installation
	ART 430	Curatorial Practices
	ART 440	Photography III
	ART 460	Printmaking III
	ART 497	Special Topics in Art and Design
ART HISTORY Students choose 6 credits from a selection of 300 and 400 level courses.		
	ART 322	History of Islamic Art and Architecture
	ART 324	Contemporary Islamic Art and Architecture
	ART 325	History of Design
	ART 326	Representation: Exhibition, Display, and Interpretation I
	ART 327	Representation: Exhibition, Display, and Interpretation II
	ART 328	Cross Cultural Influences in Design
	ART 420	Communities, Curatorial Practices, and Collections
	ART 421	Material Culture of the United Arab Emirates
	ART 422	Contemporary Art Theory
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 430	Curatorial Practices

Zayed University
College of Arts and Creative Enterprises
Bachelor of Arts in Emirati Studies
(Joint with College of Communication and Media Sciences
and College of Sustainability Sciences and Humanities)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	COL 111 OR COL 112	Mathematical Modeling with functions OR Mathematical Modeling for Business	3
	COL 120	Life Skills	3	ADV 201	Advising	0
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Imperial Encounters	3
				COL 165	The Nature of Science Discovery	3
		Total	15		Total	15
Year 2	COL 230	Islamic Civilization II	3	ARA 211	Masterpieces of Arabic Literature	3
	COL 240	English Composition III	3	COM 371	Tourism Principles	3
	COL 255	Emirates Studies	3	HSS 201	History of the United Arab Emirates	3
	COL 260	Living Science: Health and Environment	3	HSS 200AL	Arabic Lab [if not taken with HSS 200]	1
	HSS 200	Social and Economic Trends in the Gulf	3	HSS 202	Archaeology: Knowledge and Methods	3
	HSS 200AL	Arabic Lab	1	HSS 251 OR ART 322	World History OR History of Islamic Art and Architecture	3
	COL 220	Entrepreneurship and Innovation	3	HSS 261	Introduction to Culture and Society	3
		Total	18/19		Total	19/18
Year 3	COL 270	Introduction to Information Technology	3	ART 324	Contemporary Islamic Art and Architecture	3
	ART 326	Representation: Exhibition, Display, and Interpretation I	3	COM 372	Communicating Tourism: Destinations and Heritage	3
	COM 237	Interpersonal and Inter-cultural Communication	3	HSS 383	Archaeology Field School	3
	HSS 321	Heritage of the Gulf	3	HSS 385	Bedouin Society	3
	HSS 381	Legacy of Sheikh Zayed	3	HSS 391	Research Methods	3
	HSS 382	Archaeology of the Emirates	3	HSS 391AL	Arabic Lab	1
		Total	18		Total	16
Year 4	ART 327	Representation: Exhibition, Display, and Interpretation II	3	ART 420	Communities, Curatorial Practices, and Collections	3
	COM 497	Special Topics in Tourism and Cultural Communications	3	ART 421 OR HSS 421	Material Culture of the U.A.E. OR Policy Case Study I	3
	Elective	Non-ART and Non-COM and Non-HSS Elective	3	HSS 384	Anthropology of Tourism and Heritage	3
	HSS 490	Internship	6	HSS 401	Political History of the U.A.E.	3
				HSS 497	Senior Seminar: Modernity and Morality	3
		Total	15		Total	15

Total = 131 Credit Hours

Note: As in the International Studies major, eligible Emirati Studies students may enroll in HSS 495 Honors Thesis I in semester 7, and HSS 496 Honors Thesis II in semester 8, thus adding 3 credit hours to their program

Zayed University
College of Arts and Creative Enterprises
Bachelor of Science in Multimedia Design
(Joint with College of Communication and Media Sciences and
College of Technological Innovation)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	COL 111 OR COL 112	Mathematical Modeling with Function OR Mathematical Modeling for Business	3
	COL 120	Life Skills	3	ADV 201	Advising	0
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	The Nature of Science Discovery	3
				COL 255	Emirates Studies	3
		Total	15		Total	18
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 260	Living Science: Health & Environmental	3
	COL 230	Islamic Civilization II	3	ART 251	Basic Design	3
	COL 240	English Composition III	3	COM 210	Media Storytelling I	4
	COL 270	Introduction to Information Technology	3	ARA 240	Media Storytelling in Arabic I	3
	ART 201	Principles of Design	3	CIT 210	Introduction to IT and Systems	3
	COM 280	Applied Digital Communication	3	CIT 225	Introduction to Programming and Problem Solving	3
			Total	18		Total
Year 3	ART 351	Graphic Design I	3	ART 376	Animation I	3
	ART 357	Designing for the Web I	3	COM 321	Video and Audio Production I	3
	ART 375	3D Modeling	3	CIT 345	Multimedia Systems	3
	COM 380	Web Design and Publishing	3	ART XXX OR CIT 305	ART history course OR IT in Global and Local Cultures	3
	COL 255	Networks and Telecommunications	3	COM 240	Communication and Media Ethics	2
	CIT 375	Human Computer Interaction	3	COM 441	Communication and Media Law	2
			Total	18		Total
Year 4	ARA 340	Media Storytelling in Arabic	3	COM 382	Multimedia Production	3
	ART 490 OR CIT 490 OR COM 490	Internship for CACE	3	Elective	400- level elective in ART, CIT, or COM that evidences a culminating experience	3
	CIT 376	Game Development	3	Elective	300- or 400- level elective other than ART, CIT, or COM	3
	CIT 371	Mobile Computing	3	ART 377	Animation II	3
	Elective	300- or 400- level elective ART, CIT, or COM	3	CIT 490 OR COM 490	Student Internship for CTI OR Students Internship for CCMS	3
			Total	15		Total

Total = 131/134 Credit Hours

College of Business

Degrees

Bachelor of Science (B.S.) in Accounting

Bachelor of Science (B.S.) in Finance

Bachelor of Science (B.S.) in Human Resource Management

Bachelor of Science (B.S.) in Marketing and Entrepreneurship

Major

Information Systems and Technology Management (joint with College of Technological Innovation)

Executive Masters in Business Administration (EMBA)

Master of Management (M.M): International Business

Master of Science (M.S.) in Finance

Certificate

Graduate Certificate in Business Administration

Faculty Listings

Dean: Emil Thies (Interim)

Associate Dean: Osama El-Temtamy

Assistant Dean, Abu Dhabi: Jagadish Dandu

Assistant Dean, Dubai: Umar Butt

Professors: Farzad Farsio, Valerie Goby, Catherine Nickerson, Themistoclis Pantos, Kerim Arin, Cornelia Ilie, and Konstantinos Syriopoulos.

Associate Professors: Yoosuf Cader, Amal El Sawad, Osama El-Temtamy, Shokoofeh Fazel, Farooq Malik, Ian Michael, Batoul Modarress, Laura Matherly, Scott Martin, Anup Nandialath, Winifred Scott, Constance Van Horne, Gina Poncini, Ghulam Mian, Sanjoy Bose, Yousef Shahwan, Khurram Raja, Amjad Abu-ElSamen

Assistant Professors: Damien

Arthur, Tariq Bhatti, Umar Butt, Rwan ElKhatib, Shereef Ellaboudy, Maja Graso, Sasha Hodgson, Zengyu (Victor) Huang, John Incardona, Perihan Iren, Arshad Malik, Brent McCallum, Kate O'Neill, Eda Orhun, Claire Richards, Tim Rogmans, Debra Skarodzinski, Li Sun, Abiot Tessema, Estelle Toomey, Muhammad Kaleem Zahir-ul-Hassan, Christina Zenker, Marc Cohen, Christian Chamorro-Coutland, Abdelrahman Baqrain, Eman Nasr, Ghulame Rubbaniy, Hanko Zeitzmann, Jagadish Dandu, James Thetford, Kienpin Tee, Lijie Song, Moo Sung Kim, Naveed Butt, Otto Reich, Raihan Jamil, Samy Garas, Sonia Wasan, Suzanna El Massah, Susan Alaswad, Reynold James, Wasseem Abaza, Wifag Adnan, Yi Zhang, Ibrahim Bostan

Instructors: Robyn Albers, Catherine Budd, Taiba Hussain, Marsha Ludwig, Angela Elsmore, Nora Bouqayes, Dina Abu Rous.

Introduction

The dynamic and complex, even turbulent business world locally, nationally, regionally and globally has never been more exciting. The need for professionally prepared and highly skilled individuals to create, develop, lead and sustain organizations large and small has never been greater. The opportunities are vast for those ready and eager to become actively and deeply engaged. The College of Business programs are designed to prepare our students for these exciting challenges.

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.

Academic Program

The College of Business prepares students for the many challenging opportunities present in the business world of the 21st century. The focus of the college's educational programs is excellent teaching in a caring, supportive environment that produces educated graduates who possess business skills that will enable them to contribute to their families, their communities, and their nation.

Zayed University Learning Outcomes

College coursework and out-of-class experiences provide opportunities for students to develop competency and document achievement in the Zayed University Learning Outcomes (ZULOs). Student achievement in the Zayed University Learning Outcomes is assessed through the normal assessment process in each course by instructors.

Demonstration of competencies in ZULOs related to the major is assessed as part of culminating courses and through periodic assessments by instructors and advisors during the undergraduate program.

Program Learning Outcomes

A student graduating with a Bachelor of Science degree in Business would have gained certain

knowledge and would have developed certain skills depending on their major as outlined below:

Major in Accounting

A student graduating with the BS in Accounting will be able to:

Knowledge:

- 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) Describe the primary role of the major business functions (e.g., Strategy, Production, Marketing, etc.) and identify the major external factors that affect organizations (e.g., consumer preferences, economic factors, legislation, etc.).

Skill:

- 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.

Aspects of Competence:

- 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.

Major in Finance

A student graduating with the BS in Finance will be able to:

Knowledge:

- 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 derivatives.
- 4) Describe the primary role of the major business functions (e.g., Strategy, Production, Marketing, etc.) and identify the major external factors that affect organizations (e.g., consumer preferences, economic factors, legislation, etc.).

Skill:

- 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 and defend the research results.
- 7) Communicate effectively in writing and verbally, and deliver professional-level presentations.

Aspects of Competence:

- 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.

Major in Human Resource Management

A student graduating with the BS in Human Resources will be able to:

Knowledge:

- 1) Describe the benefits and limitations of fundamental theories and concepts in human resource management.
- 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) Describe the primary role of the major business functions (e.g., Strategy, Production, Marketing, etc.) and identify the major external factors that affect organizations (e.g., consumer preferences, economic factors, legislation, etc.).

Skill:

- 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.

Aspects of Competence:

- 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.

Major in Marketing and Entrepreneurship

A student graduating with the BS in Marketing and Entrepreneurship will be able to:

Knowledge:

- 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) Describe the primary role of the major business functions (e.g., Strategy, Production, Marketing, etc.) and identify the major external factors that affect organizations (e.g., consumer preferences, economic factors, legislation, etc.).

Skill:

- 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.

Aspects of Competence:

- 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.

U.A.E. Qualifications Framework (U.A.E.QF)

The Learning Outcomes of the above programs are in line with those defined for Level 7 of the U.A.E. Qualifications Framework (U.A.E.QF). The U.A.E.QF learning outcomes are expressed in terms the following standards:

- Knowledge
- Skill
- Aspects of Competence:
 - Autonomy and responsibility
 - Role in context
 - Self-development

The above four program learning outcomes, though focused within the business environment, complement and reflect the ZULO. Thus, as a college learning outcome is assessed, the comparable University learning outcome is also being assessed.

Assessment Protocols

Each of the program learning outcomes is embedded in one or more of the courses offered in the College of Business curriculum. Students

demonstrate learning outcomes and their respective indicators through a combination of regular course assignments and activities as well as activities and projects that are part of their culminating courses and their internship experience. Student Internships include weekly reports and a final report that allows the students to assess and reflect on their experiences.

Admission Criteria

The college requires that the applicant for admission to the major must fulfill the following requirements for acceptance:

- satisfactory completion of 42 semester credit hours or more;
- attainment of a cumulative GPA of 2.0 or higher;
- achievement of grades of “C-“ or better in COL 140, COL 145, and COL 240;
- achievement of “C” or better in COL 110, COL 112, MTH 113, and MTH 213;
- achievement of passing grades (“D” or better) in COL 105, COL 120, COL 130, COL 135, COL150, COL 155, COL 165, COL 230, COL 255, COL 260, and COL 270.

COL 260 and COL 270 may be scheduled for semester three, four, or five.

Business Curriculum

The College of Business curriculum:

- provides an understanding of
 - a) perspectives that form the context for business,
 - b) ethical and global issues, and
 - c) the influences of political, social, legal, regulatory, environmental, and technological issues on organizations;
- includes foundational knowledge for business in accounting, behavioral sciences, economics, mathematics, and statistics; and
- includes in-depth written and oral communication as an important component.

Students spend much of their first two years completing general education courses. They also complete several Business courses, as pre-majors,

that introduce them to the basic concepts and skills they will use in their advanced level courses.

Joint Curriculum with College of Technological Innovation

The Colleges of Business and the College of 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 major prepares students for positions such as system developers and business IT consultants. The U.A.E. has a strong need for professionals in these fields in both the government and private sectors.

Internship

Business internships add a significant real-world component to a student’s education. Internships provide the opportunity to earn academic credit while gaining valuable work experience under the mentorship of a business professional. Students will be assessed by an evaluation of the student internship experience, including a written internship report that contains student, supervisor and faculty sections.

Graduation Requirements

The graduation requirements for the College of Business include the completion of the nine-semester curriculum plan with a minimum GPA of 2.00, the internship (BUS 491), as well as achievement of the Major Learning Outcomes.

To receive the B.S. degree in Business, with a major in one of the four business disciplines offered by the College, graduates complete at least 132 semester credit hours. Proficiency in English,

Arabic and the competencies developed in the Zayed University Learning Outcomes are required.

These four majors will require a total of 132 credit hours for graduation and are “nine-semester” plans, including a final ninth semester that includes an internship as its only requirement.

It is anticipated that this internship will usually be taken during the summer semester following completion of the first 8 semesters of these students’ programs.

Upon admission to the College of Business on the Abu Dhabi Campus, students complete the following College core curriculum, as they prepare for the new in-depth business majors. For those students intending to be Accounting,

Finance and Human Resource Management or Marketing & Entrepreneurship Majors the following is the core curriculum:

BUS 200	The Legal and Ethical Environment of Business
BUS 202	Financial Accounting**
BUS 203	Managerial Accounting**
ECN 201	Foundations of Microeconomics**
ECN 202	Foundations of Macroeconomics**
BUS 207	Business Communications* BUS 207AL Arabic Lab I*
BUS 209	Management Decision Sciences
BUS 300	Operations Management BUS 308 Introduction to Finance BUS 309 Introduction to Management
BUS 310	Introduction to Marketing
BUS 401	Business Leadership BUS 400 Strategic Management BUS 407 Language in the Workplace*
BUS 407AL	Arabic Lab II* BUS 491 Internship

* Colloquy Core Curriculum courses
 ** Must earn a "C-" grade or better

For those students intending to specialize in Marketing on the Abu Dhabi Campus, the following is the core curriculum (this curriculum is the same as the core curriculum (with minor modifications) as it has been offered in the past for those students with specializations in the four major business disciplines. That core curriculum is:

BUS 200	The Legal and Ethical Environment of Business BUS 202 Financial Accounting**
BUS 203	Managerial Accounting**
ECN 201	Foundations of Microeconomics**
ECN 202	Foundations of Macroeconomics**
BUS 207	Business Communications* BUS 207AL Arabic Lab I*
BUS 209	Management Decision Sciences
BUS 217	Business Writing Lab I BUS 300 Operations Management BUS 308 Introduction to Finance BUS 309 Introduction to Management
BUS 310	Introduction to Marketing
BUS 401	Business Leadership BUS 402 Strategic Management BUS 407 Language in the Workplace*
BUS 407AL	Arabic Lab II*
BUS 417	Essentials of Research Writing for Business

BUS 490 Internship
 BUS 4XX Senior Experience

* Colloquy Core Curriculum courses
 ** Must earn a "C-" grade or better

Accounting

Students entering the College of Business and selecting major in Accounting will be required to take a total of 132 credit hours. The major itself includes the following accounting courses beyond the core requirements:

- Intermediate Accounting I
- Intermediate Accounting II
- Accounting Information Systems
- Auditing
- Intermediate Accounting Lab
- Accounting Information Systems (AIS) Lab
- Strategic Managerial Accounting
- Contemporary Topics in Financial Accounting
- Fraud Examination & Forensic Accounting
- Special Topics in Accounting

Finance

Students entering the College of Business and selecting the major in finance will be required to take a total of 132 credit hours. The major itself includes the following finance courses beyond the core requirements:

- Corporate Finance
- Financial Markets
- Investments
- Commercial Banking
- Financial Planning & Forecasting
- Islamic Finance & Banking
- International Corporate Finance
- Portfolio Management
- Financial Derivatives

Human Resource Management

Students entering the College of Business and selecting the major in human resource management will be required to take a total of 132 credit hours. The major itself includes the following human resource management courses beyond the core requirements:

- Human Resource Management (formerly Management of People in Organizations)
- Organizational Behavior
- Compensation and Performance
- Learning and Development (formerly HR Development and Performance)
- Management of Employee Relations
- Comparative HR Management
- Recruitment and Selection
- Human Resource Information Systems
- Organization Development and Change

Marketing & Entrepreneurship

Students entering the College of Business and selecting the major in Marketing and Entrepreneurship will be required to take 132 credit hours. The major itself includes the following courses beyond the core

- Entrepreneurship
- Consumer Behavior
- Innovation Management
- Family Business Management
- Integrated Marketing Communication
- Digital Marketing and Commerce
- Applied Business Research
- Global Marketing Management
- Applied Business Project

Program Advising

Students enrolling in the College of Business are of course urged to meet with their relevant University advisors as they plan their business programs.

Graduate Programs

For information on graduate programs offered by the College of Business, see the “Graduate Programs” section.

Outreach and Engagement

The College of Business participates in an extensive array of outreach and engagement activities. Some of these are coordinated by the University’s Institute for Community Engagement.

Curriculum Plans

What follow are the Curriculum Plans for the College of Business Programs. They are:

- The Major in Accounting
- The Major in Finance
- The Major in Human Resource Management
- The Major in Marketing and Entrepreneurship

Zayed University
College of Business
Bachelor of Science in Information Systems and
Technology Management
(Joint with College of Technological Innovation)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1			Semester 2		
			Credits			Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions Or Mathematics Modeling for Business	3
	COL 120	Life Skills	3	COL 135	Islamic Civilization I	3
	COL 130	Arabic Concepts	3	COL 145	English Composition II	3
	COL 140	English Composition I	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
	COL 150	Global Awareness I: Human Geography	3	COL 165	The Nature of Science Discovery	3
				COL 270	Introduction to Information Technology	3
			Total	15		Total
Year 2	COL 230	Islamic Civilization II	3	COL 270	Introduction to Information Technology	3
	COL 240	English Composition III	3	BUS 309	Introduction to Management	3
	COL 255	Emirates Studies	3	CIT 225	Introduction to Programming and Problem Solving	3
	COL 260	Living Science: Health & Environment	3			
	COL 220	Entrepreneurship & Innovation	3			
	BUS 202	Financial Accounting	4	CIT 245	Web Development	3
	CIT 261	Enterprise and Information Systems Foundations	3	CIT 360	Management of Information Systems	3
				ECN 201	Foundations of Microeconomics	3
		Total	16		Total	18
Year 3	COL 260	Environmental Science	3	BUS 308	Introduction to Finance	3
	BUS 301	Human Resource Management	3	BUS 407	Language in the Workplace	3
	BUS 310	Introduction to Marketing	3	BUS 407AL	Arabic Lab II	1
	CIT 255	Networks and Telecommunications	3	BUS 413	Accounting Information Systems	3
	CIT 300	Technical Writing	3	CIT 235	Information Security Basics	3
	CIT 301	Technical Writing (Arabic)	2	CIT 365	Database Systems	3
			Total	17		Total
Year 4	CIT XXX	CIT Elective	3	BUS 402*	Strategic Management	3/4
	CIT 377	IT Project Management	3	CIT 380	IT Entrepreneurship I	3
	BUS 401	Business Leadership	3	CIT/BUS 490**	Internship	6/7
	CIT 460	Systems Analysis / Design / Implementation	3			
	CIT 491	Research Methods	3			
	Elective	Non-CIT and Non- BUS Elective	3			
			Total	18		Total

Total = 130/131/132 Credit Hours

*BUS 400 Strategic Management is 3 credit hours for all students enrolled in Abu Dhabi
**CIT 490 is 6 credit hours; BUS 490 is 7 credit hours

**Zayed University
College of Business
Bachelor of Science in Business
Major in Accounting
Curriculum Plan**

Semester 1

COL110	Mathematical Modeling with Data	3
COL120	Life Skills	3
COL130	Arabic Concepts	3
COL140	English Composition I	3
COL150	Global Awareness I: Human Geography	3

15

Semester 2

ADV 201	Advising	0
COL112	Mathematical Modeling for Business	3
COL135	Islamic Civilization I	3
COL145	English Composition II	3
COL155	Global Awareness II: Encounters: People, Places & Traditions	3
COL165	The Nature of Science Discovery	3

15

Semester 3

COL220	Entrepreneurship and Innovation	3
COL230	Islamic Civilization II	3
COL240	English Composition III	3
COL255	Emirates studies	3
MTH113	Business Calculus	3
BUS202	Financial Accounting	4

19

Semester 4

BUS200	Legal & Ethical Environment	3
BUS203	Managerial Accounting	4
BUS207	Business Communication	3
BUS207AL	Arabic Lab	1
MTH213	Business Statistics	3
ECN201	Microeconomics	3

17

Semester 5

ECN202	Macroeconomics	3
BUS209	Management Decision Sciences	3
BUS308	Introduction to Finance	3
BUS311	Intermediate Accounting I	3
BUS341	Intermediate Accounting Lab I	1
COL270	Intro to Information Technology	3

16

Semester 6

BUS300	Operations Management	3
BUS309	Introduction to Management	3
BUS310	Introduction to Marketing	3
BUS312	Intermediate Accounting II	3
BUS413	Acct Info. Systems	3
BUS343	AIS Lab	1

16

Semester 7

BUS407	Language in the Workplace	3
BUS407AL	Arabic Lab II	1
BUS412	Contemp. Topics in Financial Acct.	3
BUS416	Auditing	3
BUS403	Strategic Managerial Accounting	3
COL260	Environmental Science	3

16

Semester 8

BUS401	Business Leadership	3
BUS400	Strategic Management	3
BUS418	Fraud Exam. & Forensic Acct.	3
BUS419	Special Topics in Accounting	3
Elective	Elective: Business or non-Business	3

15

Semester 9

BUS491	Internship	3
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Total hours

132

**Zayed University
College of Business
Bachelor of Science in Business
Major in Finance
Curriculum Plan**

Semester 1

COL110	Mathematical Modeling with Data	3
COL120	Life Skills	3
COL130	Arabic Concepts	3
COL140	English Composition I	3
COL150	Global Awareness I: Human Geography	3

15

Semester 2

ADV 201	Advising	0
COL112	Mathematical Modeling for Business	3
COL135	Islamic Civilization I	3
COL145	English Composition II	3
COL155	Global Awareness II: Encounters: People, Places & Traditions	3
COL165	The Nature of Science Discovery	3

15

Semester 3

COL220	Entrepreneurship and Innovation	3
COL230	Islamic Civilization II	3
COL240	English Composition III	3
COL255	Emirates studies	3
BUS202	Financial Accounting	4
MTH113	Business Calculus	3

19

Semester 4

BUS203	Managerial Accounting	4
BUS207	Business Communication	3
BUS207AL	Arabic Lab	1
MTH213	Business Statistics	3
ECN201	Microeconomics	3
BUS200	Legal & Ethical Environment	3

17

Semester 5

ECN202	Macroeconomics	3
BUS209	Management Decision Sciences	3
BUS308	Introduction to Finance	3
BUS309	Introduction to Management	3
COL270	Intro to Information Technology	3

15

Semester 6

BUS300	Operations Management	3
BUS310	Introduction to Marketing	3
BUS420	Corporate Finance	3
BUS422	Financial Markets	3
BUS424	Investments	3
COL260	Environmental Science	3

18

Semester 7

BUS401	Business Leadership	3
BUS407	Language in the Workplace	3
BUS407AL	Arabic Lab II	1
BUS421	Financial Planning & Forecasting	2
BUS425	Commercial Banking	3
BUS426	Islamic Finance	3

15

Semester 8

BUS400	Strategic Management	3
BUS427	International Corporate Finance	3
BUS428	Portfolio Management	3
BUS429	Financial Derivatives	3
Elective	Elective: Business or non-Business	3

15

Semester 9

BUS491	Internship	3
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Total hours 132

Zayed University
College of Business
Bachelor of Science in Business
Major in Human Resource Management
Curriculum Plan

Semester 1

COL110	Mathematical Modeling with Data	3
COL120	Life Skills	3
COL130	Arabic Concepts	3
COL140	English Composition I	3
COL150	Global Awareness I: Human Geography	3

15

Semester 2

ADV 201	Advising	0
COL112	Mathematical Modeling for Business	3
COL135	Islamic Civilization I	3
COL145	English Composition II	3
COL155	Global Awareness II: Encounters: People, Places & Traditions	3
COL165	The Nature of Science Discovery	3

15

Semester 3

COL220	Entrepreneurship and Innovation	3
COL230	Islamic Civilization II	3
COL240	English Composition III	3
COL255	Emirates studies	3
BUS202	Financial Accounting	4
MTH113	Business Calculus	3

19

Semester 4

BUS203	Managerial Accounting	4
BUS207	Business Communication	3
BUS207AL	Arabic Lab	1
MTH213	Business Statistics	3
BUS309	Introduction to Management	3
BUS200	Legal & Ethical Environment of Business	3

17

Semester 5

ECN201	Foundations of Microeconomics	3
BUS209	Management Decision Sciences	3
BUS301	Human Resource Management	3
BUS351	Organizational Behavior	3
BUS308	Introduction to Finance	3
COL270	Intro to Information Technology	3

18

Semester 6

BUS300	Operations Management	3
ECN202	Foundations of Macroeconomics	3
BUS310	Introduction to Marketing	3
BUS451	Recruitment and Selection	3
BUS452	Learning and Development	3

15

Semester 7

BUS407	Language in the Workplace (Menu VI)	3
BUS407AL	Arabic Lab II (Menu VI)	1
BUS450	Compensation and Performance	3
BUS456	Management of Employee Relations	3
BUS366	Human Resource Information Systems	2
COL260	Environmental Science	3

15

Semester 8

BUS401	Business Leadership	3
BUS400	Strategic Management	3
BUS455	Comparative Human Resources	3
BUS457	Organization Development and Change	3
Elective	Elective: Business or non-Business	3

15

Semester 9

BUS491	Internship	3
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Total hours

132

College of Business

Bachelor of Science in Business

Major in Marketing and Entrepreneurship

Curriculum Plan

Semester 1

COL110	Mathematical Modeling with Data	3
COL120	Life Skills	3
COL130	Arabic Concepts	3
COL140	English Composition I	3
COL150	Global Awareness I: Human Geography	3

15

Semester 2

ADV 201	Advising	0
COL112	Mathematical Modeling for Business	3
COL135	Islamic Civilization I	3
COL145	English Composition II	3
COL155	Global Awareness II: Encounters: People, Places & Traditions	3
COL165	The Nature of Science Discovery	3

15

Semester 3

COL220	Entrepreneurship and Innovation	3
COL230	Islamic Civilization II	3
COL240	English Composition III	3
COL255	Emirates studies	3
BUS202	Financial Accounting	4
MTH113	Business Calculus	3

19

Semester 4

BUS200	Legal & Ethical Environment	3
BUS203	Managerial Accounting	4
BUS207	Business Communication	3
BUS207AL	Arabic Lab	1
MTH213	Business Statistics	3
ECN201	Microeconomics	3

17

Semester 5

BUS310	Introduction to Marketing	3
BUS330	Entrepreneurship	3
ECN202	Understanding Macroeconomics	3
BUS209	Management Decision Sciences	3
BUS309	Introduction to Management	3

15

Semester 6

BUS335	Consumer Behavior	3
BUS332	Innovation Management	3
BUS308	Introduction to Finance	3
COL260	Environmental Science	3
COL270	Intro to Information Technology	3

15

Semester 7

BUS300	Operations Management	3
BUS433	Digital Marketing and Commerce	3
BUS435	Family Business Management	3
BUS437	Applied Business Research	3
BUS407	Language in the Workplace	3
BUS407AL	Arabic Lab II	1

16

Semester 8

BUS401	Business Leadership	3
BUS432	Integrated Marketing Communication	3
BUS434	Global Marketing Management	3
BUS438	Applied Business Project	2
BUS400	Strategic Management	3
Elective	Elective: Business or non Business	3

17

Semester 9

BUS491	Internship	3
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Total hours

132

College of Communication and Media Sciences

College of Communication and Media Sciences Degrees

Bachelor of Science (B.S.)

Major

Communication and Media Sciences

Specializations

Converged Media
Film and Video Communications
Integrated Strategic Communications
Tourism and Cultural Communications

Major

Multimedia Design (joint with College of Technological Innovation and College of Arts and Creative Enterprises)

Bachelor of Arts (B.A.)

Major

Emirati Studies (joint with College of Sustainability Sciences and Humanities and College of Arts and Creative Enterprises)

Master of Arts (M.A.) in Communications

Specializations

Tourism and Cultural Communication
Strategic Public Relations

Minor

Communication and Media Sciences

Certificates

Graduate Certificate in Tourism and Cultural Communication
Graduate Certificate in Public Relations

Faculty Listings

Acting Dean: Pam Creedon (Professor)

Associate Dean: Abu Dhabi: Gaelle Duthler (Associate Professor)

Assistant Deans: Abu Dhabi: Russell Williams (Assistant Professor), Dubai: Michael Ogden (Professor)

Professors: Badran Badran, Charlotte Wien (Assistant Dean for Research and Graduate Studies), Lena Jayyusi, Melissa Lee Price, Serra Gorpe

Associate Professors: Alia Yunis, David Bulla, Filareti Kotsi, James Piecowye (Internship Coordinator), Nadia Rahman

Assistant Professors: Britt Christensen, Claire Sherman, Fokiya Akhtar, Gwen Bouvier, Inka Stever (Internship Coordinator), Jody Johannessen, John Little, Lars Weckbecker, Leysan Khakimova, Mian Asim, Najat Al Saied, Noela Michael, Natasa Slak Valek, Park Beede (Graduate Programs Coordinator)

Instructors: James Buie, Matt Dyck, Paul Lowman (Quality Assurance Coordinator), Sascha Ritter, William McCarthy

Introduction

The College of Communication and Media Sciences (CCMS) educates the United Arab Emirates' strongest bilingual graduates in the professional field of communication.

A decade into the 21st century, rapid technological media transformations are changing the way citizens choose to gather, create, and share information. The College's curriculum provides students with specializations attuned to the sectors and priorities of the emerging media industry in the United Arab Emirates and the region.

The College is accredited by the premier accrediting body for journalism and mass communication programs, the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC). The College is also one of 49 programs world-wide accredited by the International Advertising Association (IAA). Graduates who meet the requirements of the accredited program are awarded the IAA Diploma in Marketing Communication.

Vision Statement

The College of Communication and Media Sciences at Zayed University shall be nationally recognized as a premier provider of bilingual education, scholarship, and outreach in the discipline of communication and its professional fields of study.

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 skills 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, be innovative and engage in dialogue;
- Contribute to the body of knowledge in mass communication from this region;
- Assist in the future development of the U.A.E. and the global community.

Academic Program

Students in the College of Communication and Media Sciences develop strong skills in written and oral communication in Arabic and English. Instruction in the College's courses is primarily in English. To strengthen Arabic communication skills, students are required to take four additional Arabic courses that include courses in media writing, public speaking and media translation.

Courses and co-curricular activities of the College of Communication and Media Sciences emphasize development of leadership skills as well as analytical and technical skills. Students must master the use of leading-edge technologies to communicate creatively and effectively. Each student uses a laptop or other forms of digital devices to access, create, and submit class assignments, to read e-books, to conduct Internet searches, and to communicate with instructors and fellow students. The specialized visual communication and multimedia technology in the College's computer laboratories and the du Multimedia Labs and television studios are state-of-the-art.

The College of Communication and Media Sciences offers its full curriculum on the Abu Dhabi campus and the Dubai campus. It awards a Bachelor of Science degree in Communication and Media Sciences and with other colleges awards a Bachelor of Science degree in Multimedia Design and a Bachelor of Arts degree in Emirati Studies.

Zayed University Learning Outcomes (ZULOs)

College coursework, practicums, and out-of-class experiences provide opportunities for students to develop competency in the Zayed University Learning Outcomes (ZULOs).

Student achievement in the ZULOs is regularly assessed through the normal evaluation process in each course and through review of documented out-of-class experiences.

Major Learning Outcomes and Assessment Protocols

The College of Communication and Media Sciences has identified Major Learning Outcomes (MALOs) that require demonstration of the following:

Language and Communication Competence:

CMS graduates will be able to communicate clearly and effectively in Arabic and English, appropriately and creatively adapting messages to the needs, knowledge, culture, and expectations of target audiences while observing ethical standards.

Related ZULO: Language

Technological Competence:

CMS graduates will be able to use a variety of technological tools and skills to create effective media-centered products and messages.

Related ZULO: Technological Literacy

Leadership and Professionalism:

CMS graduates will demonstrate leadership and professional skills in their chosen fields as reflected in their behavior and work ethic.

Related ZULO: Leadership

Information Literacy:

CMS graduates will be able to process and analyze information, draw inferences, question assumptions, and make judgments on the basis of well-supported evidence.

They will use it for better problem-solving and innovation in their profession.

Related ZULO: Information Literacy

Global Awareness:

CMS graduates will be knowledgeable about communication across cultures, critically aware of how media functions in a global environment, and be sensitive to diversity in the communities they serve.

Related ZULO: Global Awareness

Critical Thinking and Reasoning:

CMS graduates will be able to use critical thinking, including qualitative and quantitative reasoning, to identify appropriate sources, gather data, and analyze the information obtained.

Related ZULO: Critical Thinking and Quantitative Reasoning

Each of the College's learning outcomes is contained in one or more of its courses, and students demonstrate their success in course assignments and projects. Students provide further evidence

of their success in practicums, internships, work experience, participation in campus or community clubs or professional activities, and their professional e-portfolio.

Assessment Protocols

The assessment plan followed by the College of Communication and Media Sciences articulates what faculty expect students to know and be able to do during their study and upon degree completion, identifies appropriate tools for evaluating the extent to which students are achieving those outcomes, and describes how faculty will act on the resulting information. The College's assessment plan describes how faculty evaluate student achievement of the program's expected learning outcomes and uses that information to work towards continual improvement of the academic program. The College acts on assessment results to improve academic and student programs.

In accordance with accreditation requirements, three criteria guide assessment of student learning:

1. Awareness: familiarity with specific information, including facts, concepts, theories, laws and regulations, processes, and effects.
2. Understanding: assimilation and comprehension of information, concepts, theories, and ideas.
3. Application: competence in relating and applying skills, information, concepts, theories and ideas to the accomplishment of tasks.

Examples of assessments include course-imbedded assessments, evaluations of interns by employers, evaluations of practicums by professionals and adjunct faculty, evaluation of a professional e-portfolio assembled by each student, evaluations of senior-level projects by faculty panels, and the successes of student entries in national and international competitions.

The College is currently participating in an assessment pilot project— Program Learning Assessment, Intervene and Re-assess (PLAIR). The College has identified its targeted learning objective as Language and Communication Competence. Specifically, the College will assess, intervene and re-assess the following: student produces and presents information clearly, accurately, and effectively through oral, written, and visual communication media.

Relationship of Major Learning Outcomes with Zayed University Learning Outcomes.

The Major Learning Outcomes of the College of Communication and Media Sciences parallel those of the University, such that students learn to apply the Zayed University Learning Outcomes within the context of the discipline.

This relationship is illustrated in the table.

Zayed University Learning Outcomes	Communication and Media Sciences Major Learning Outcomes
Language	Language and Communication Competence
Technological Literacy	Technological Competence
Leadership	Leadership and Professionalism
Information Literacy	Information Literacy
Global Awareness	Global Awareness
Critical Thinking and Quantitative Reasoning	Critical Thinking and Reasoning

The College MALOs are aligned with the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC) core values and competencies, which are described as Pearls of Wisdom on all course syllabi. They are:

- Understand and apply the principles and laws 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;
- Demonstrate an understanding of the history and role of professionals and institutions in shaping communications;
- Demonstrate an understanding of forms of diversity in global cultures and in domestic society in relation to mass communications;
- Demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society;
- Understand concepts and apply theories in the use and presentation of images and information;
- Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness and diversity;
- Think critically, creatively and independently;
- Conduct research and evaluate information by methods appropriate to the communications professions in which they work;

- Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve;
- Critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness;
- Apply basic numerical and statistical concepts;
- Apply current tools and technologies appropriate for the communications professions in which they work, and to understand the digital world.

Admission Criteria

The College requires that the applicant for admission to the major must fulfill the following requirements for acceptance:

- satisfactory completion of 36 semester credit hours or more;
- attainment of a cumulative GPA of 2.0 or higher;
- achievement of grades of “C-” or better in COL 110, COL 111, COL 112, COL 140, COL 145, and COL 240; and
- achievement of passing grades (“D” or better) in COL 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 220, COL 230, COL 255, COL 260 and COL 270.

COL 260 and COL 270 may be scheduled for semester three, four, or five. In addition, the College of Communication and Media Sciences requires completion of COM 200 Communication, Media, and Society with a grade of “D” or better.

Continuation in the College of Communication and Media Sciences requires that a student earn a grade of “D” or better for every major requirement, including all college core and specialization requirements. A cumulative GPA of 2.0 or higher is required to be in good standing in the major and to graduate.

Communication and Media Sciences Curriculum

The curriculum followed by students who major 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 majors 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. They also take two professional practicums, Zayed Media Lab I and II. 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.

Specializations

During the first three semesters, students complete courses in general education plus COM 200 Communication, Media, and Society. Once the students are admitted to the major, they concentrate on courses in Communication and Media Sciences and specialize in one of four areas:

- Converged Media
- Film and Video Communications
- Integrated Strategic Communications
- Tourism and Cultural Communications

Converged Media

Converged Media refers to the blending or merging of formerly distinct media technologies like newspaper or magazine journalism, multimedia, video, and others. The Converged Media (CM) specialization core includes 22 credit hours, provided by five required courses and three COM elective courses. The Converged Media specialization provides students with a strong grounding in writing, theory, history, production skills, and practical training. The selected courses for this specialization are as follows:

1. COM 315 Media Storytelling II
2. COM 380 Web Design and Publishing
3. COM 321 Video and Audio Production I
4. COM 481 Advanced Converged Media

5. COM 312 Zayed Media Lab II
6. A specialization elective to be selected from the following: COM 320 Photojournalism, COM 382 Multimedia Production, COM 383 Virtual Communities and Social Media, and COM497 Special Topics in Communication and Media.
7. Three COM electives (one must be 300 or 400 level).
6. A specialization elective to be selected from the following: COM 323 The Business of Film and Television, COM 324 Film and Television Criticism, COM 358 Entrepreneurship in the Media, and COM 497 Special Topics in Communication and Media
7. COM 457 Senior Project in Visual Communication
8. Two COM electives (3XX or 4XX)

Converged Media is an emerging form of media, which combines different forms of journalism, such as print, photography, and video, into one piece or group of pieces. This specialization will prepare students to lead the philosophical and technological initiatives of traditional mass media players—newspapers, broadcasters, magazines—and will provide students with the skills to examine and develop new digital mass media systems and to revamp existing media products to address the needs of a new digital media market. It will explore the effects of digital technology on traditional forms of media as well as the way in which new forms of cultural representations are created, consumed, and shared.

With the Converged Media specialization, students can work at any and all local and regional media companies (radio, TV, newspaper, magazine, online) especially in the online production side where the need for staff is considerable. As students choosing this specialization will be skilled in gathering information, as well as producing for the various new media outlets, their abilities will be useful for a wide variety of employers.

Graduates in Converged Media are well suited for professional positions in multimedia, news journalism, magazine and book publishing, and the development of web pages and interactive sites.

Film and Video Communications

Film and Video Communications brings together film, broadcast (video and audio) media, and photojournalism.

The specialization in Film and Video Communications (FVC) provides students with a strong grounding in writing, theory, critical skills, production skills, and business models. The Film and Video Communications core includes 22 credit hours provided by six required courses and two COM electives:

1. COM 315 Media Storytelling II
2. COM 320 Photojournalism
3. COM 321 Video and Audio Production I
4. COM 421 Video and Audio Production II
5. COM 312 Zayed Media Lab II

Film and Video Communications will be the specialization of choice for students who are interested in planning, creating, producing, and critiquing visual messages through the use of audio, video, text, and still photography. This specialization reflects the synergy and compatibility that exists between these fields. The emphasis of this specialization is on the creation of informative and persuasive messages using still and video images. With this focus, students become adept at the use of still photography and videography in mass and new media and develop both skills and portfolios in each.

Graduates in Film and Video Communications are well suited for professional positions in broadcast journalism (both audio and video) as well as media management, film, documentary and video editing and production, programming, photojournalism, and freelance photography.

Integrated Strategic Communications

(this specialization 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.

The Integrated Strategic Communications (ISC) specialization core includes 22 credit hours provided by six required courses and two COM electives. The ISC specialization provides students with a strong grounding in writing, theory, communication skills, practical training, and business models. The selected courses for this specialization are as follows:

1. COM 351 Principles of Public Relations
2. COM 352 Principles of Advertising
3. COM 353 Writing for Integrated Strategic Communications
4. COM 451 Integrated Strategic Communications

5. COM 312 Zayed Media Lab II
6. A specialization elective to be selected from the following: COM 237 Interpersonal and Intercultural Communication, COM 315 Media Storytelling II, COM 321 Video and Audio Production I, COM 356 Media Planning and Management, COM 357 Creative Advertising, COM 358 Entrepreneurship in the Media, COM 380 Web Design and Publishing, COM 382 Multimedia Production, COM 383 Virtual Communities and Social Media, COM 475 Planning and Promotion for Events and Festivals, COM 497 Special Topics in Communication and Media.
7. COM 356 Media Planning and Management or COM 357 Creative Advertising
8. Two COM electives (3XX or 4XX)
9. BUS 310 Introduction to Marketing

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 specialization 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.

The Tourism and Cultural Communications (TCC) specialization core includes 22 credit hours provided by six required courses and two COM electives. The TCC specialization provides students with a strong grounding in writing, theory, communication skills, practical training, and business models. The selected courses for this specialization are as follows:

1. COM 371 Tourism Principles
2. COM 372 Communicating Tourism, Destinations and Heritage
3. COM 475 Planning and Promotion for Events and Festivals
4. COM 237 Interpersonal and Intercultural Communication

5. COM 312 Zayed Media Lab II
6. A specialization elective to be selected from the following: COM 315 Media Storytelling II, COM 320 Photojournalism, COM 321 Video and Audio Production I, COM 351 Principles of Public Relations, COM 352 Principles of Advertising, COM 356 Media Planning and Management, COM 357 Creative Advertising, COM 380 Web Design and Publishing, COM 382 Multimedia Production, COM 383 Virtual Communities and Social Media, and COM 497 Special Topics in Communication and Media.
7. COM 356 Media Planning and Management or COM 357 Creative Advertising
8. Two COM electives (3XX or 4XX)
9. BUS 310 Introduction to Marketing

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.

E-Portfolio Requirement

Six College core courses, as well as a capstone course in each specialization and two courses in Arabic, require students to submit material to an e-Portfolio. The requirement is designed to assess student understanding of the College's 12 Pearls of Wisdom (professional values and competencies) as they progress through the College.

Practicum

It is important for students to apply classroom instruction to the real work of creating media products, developing strategic communication campaigns and materials for clients, developing communication strategies and tactics for the government, the private sector, or non-profit organizations, and applying skills in the production of visual messages or converged media. One vehicle for linking theory to practice is the College's practicum experience, Zayed Media Lab (ZML). Students must participate in two practicum experiences beyond their regular coursework.

Interdisciplinary Degrees

The College of Communication and Media Sciences offers two additional degrees jointly with other colleges.

Emirati Studies (joint with Colleges of Sustainability Sciences and Humanities and Arts and Creative Enterprises)

This interdisciplinary program draws theoretical perspectives and applied knowledge from the department of Humanities and Social Sciences in the College of Sustainability Sciences and Humanities, College of Arts and Creative Enterprises, and the College of Communication and Media Sciences in order to develop a comprehensive course

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

Multimedia Design (Joint with College of Technological Innovation and College of Arts and Creative Enterprises)

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.

Internship

Communication and Media internships earn academic credit and add a significant real-world component to a student’s education. In their final baccalaureate year, students earn three credits for an internship that allows them to gain valuable experience in their specialty by working with seasoned professionals.

The College prepares its prospective interns before the actual work experience through a preparatory “bridge week” between the academic world and the professional world. Internship sites include top media organizations as well as key public organizations that have media or public relations departments or units.

Senior Culminating Experience

Each student will complete a course or project that is designed to ensure he or she has met University and Major Learning Outcomes. Students will complete a course or project related to their area of specialization demonstrating their ability to integrate and synthesize class and work experience.

Graduation Requirements

In order to graduate, students in the College of Communication and Media Sciences must meet the University’s graduation requirements and must complete one of the College’s eight-semester curriculum plans. Each of these plans includes all course requirements, an internship, and a senior culminating experience. They must also complete the requirements of the University’s core curriculum and submit a professional portfolio for faculty review. Course requirements include 48 hours in colloquy courses, 29 credit hours in college core requirements, 22 credits in a specialization, 27 credits of electives from outside the College, including 12 credits in Arabic language classes and 15 credits of other non-CCMS electives. All students complete a total of 126 credit hours.

Minor in Communication and Media Sciences

This minor is available only to students majoring 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 major 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 major advisor can help select courses to complement the major based on career goals. Advisors from CCMS can also help students choose courses. The minor consists of only three 200-level courses (COM 200 is recommended). Three additional courses are taken at the COM 300/400 level. This minor is completed with a total of 18 credits.

COM 2XX	3 courses	0-9 credits
COM 3XX or 4XX	3 courses	9 credits
Total for Minor		18 credits

Some advanced courses may require Pre-requisites.

For example, to take some 300/400 level COM courses, students will need COM 210 Media Storytelling I. For advanced graphics and multimedia, students may need COM 280 Applied Digital Communication. Students will be held to the same standards as majors in the College. The College's minor must not replicate a major with specific specializations.

Graduate Programs

For more information on graduate programs offered by the College of Communication and Media Sciences.

Outreach and Engagement

The College of Communication and Media Sciences participates in outreach and engagement activities either directly coordinated by the College or in association with the Institute for Community Engagement

Zayed University
College of Communication and Media Sciences
Bachelor of Science in Communication and Media Sciences
Specialization in Converged Media
Eight-Semester Curriculum Plan (Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with Function Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	The Nature of Science Discovery	3
		Total	15		Total	15
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 260	Living Science: Health & Environment	3
	COL 230	Islamic Civilization II	3	COM 210	Media Storytelling I	4
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3
	COL 255	Emirates Studies	3	COM 240	Communication and Media Ethics	2
	COL 270	Introduction to Information Technology	3	COM 280	Applied Digital Communication	3
	COM 200	Communication, Media and Society	3	ARA 240	Media Storytelling in Arabic I	3
		Total	18		Total	18
Year 3	COM 231 OR 237	Media and Cultural Criticism OR Interpersonal and Intercultural Communication	3	COM 261	Communication and Media History	2
	COM 315	Media Storytelling II	3	COM 311	Zayed Media Lab I	1
	COM 380	Web Design and Publishing	3	COM 321	Video and Audio Production I	3
	XXX	Non-COM Elective	3	COM 360	Communication and Media Research and Analysis	3
	XXX	Non-COM Elective	3	ARA 340	Media Storytelling in Arabic II	3
	ARA 375	Public Speaking and Professional Presentation in Arabic	3	XXX	Non-COM Elective	3
				XXX	Non-COM Elective	3
		Total	18		Total	18
Year 4	COM 481	Advanced Converged Media	3	COM 441	Communication and Media law	2
	COM XXX	CM Specialization Elective	3	COM 490	Internship	3
	XXX	Non-COM Elective	3	COM 312	Zayed Media Lab II	1
	COM XXX	CM Specialization Elective	3	ARA 395	Media Translation Workshop	3
	COM XXX	COM Elective	3			
		Total	15		Total	9

Total = 126 Credit Hours

Zayed University
College of Communication and Media Sciences
Bachelor of Science in Communication and Media Sciences
Specialization in Integrated Strategic Communications
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with Function Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	The Nature of Science Discovery	3
		Total	15		Total	15
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 260	Living Science: Health & Environment	3
	COL 230	Islamic Civilization II	3	COM 210	Media Storytelling I	4
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3
	COL 255	Emirates Studies	3	COM 240	Communication and Media Ethics	2
	COL 270	Introduction to Information Technology	3	COM 280	Applied Digital Communication	3
	COM 200	Communication, Media and Society	3	ARA 240	Media Storytelling in Arabic I	3
		Total	18		Total	18
Year 3	COM 231 OR 237	Media and Cultural Criticism OR Interpersonal and Intercultural Communication	3	COM 261	Communication and Media History	2
	COM 351	Principles of Public Relations	3	COM 311	Zayed Media Lab I	1
	COM 352	Principles of Advertising	3	COM 353	Writing for Integrated Strategic Communications	3
	BUS 310	Introduction to Marketing	3	COM 360	Communication and Media Research and Analysis	3
	ARA 375	Public Speaking and Professional Presentation in Arabic	3	COM XXX	COM Elective	3
	XXX	Non-Com Elective	3	XXX	Non-COM Elective	3
				XXX	Non-COM Elective	3
		Total	18		Total	18
Year 4	COM 356 OR 357	Media Planning and Management OR Creative Advertising	3	ARA 395	Media Translation Workshop	3
	COM 451	Integrated Strategic Communications	3	COM 441	Communication and Media Law	2
	ARA 340	Media Storytelling in Arabic II	3	COM 312	ZU Media Lab II ISC	1
	XXX	Non-COM Elective	3	COM 490	Internship	3
	COM XXX	ISC Specialization Elective	3			
		Total	15		Total	9

Total = 126 Hours

Zayed University
College of Communication and Media Sciences
Bachelor of Science in Communication and Media Sciences
Specialization in Tourism and Cultural Communications
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with Function Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	The Nature of Science Discovery	3
		Total	15		Total	15
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 260	Living Science: Health & Environment	3
	COL 230	Islamic Civilization II	3	COM 210	Media Storytelling I	4
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3
	COL 255	Emirates Studies	3	COM 240	Communication and Media Ethics	2
	COL 270	Introduction to Information Technology	3	COM 280	Applied Digital Communication	3
	COM 200	Communication, Media and Society	3	ARA 240	Media Storytelling in Arabic I	3
		Total	18		Total	18
Year 3	COM 231	Media and Cultural Criticism	3	COM 261	Communication and Media History	2
	COM 237	Interpersonal and Intercultural Communication	3	COM 311	Zayed Media Lab I	1
	COM 371	Tourism Principles	3	COM 356 OR 357	Media Planning and Management OR Creative Advertising	3
	BUS 310	Introduction to Marketing	3	COM 360	Communication and Media Research and Analysis	3
	ARA 375	Public Speaking and Professional Presentation in Arabic	3	COM 372	Communicating Tourism: Destinations and Heritage	3
	XXX	Non-COM Elective	3	COM XXX	COM Elective	3
				XXX	Non-COM Elective	3
		Total	18		Total	18
Year 4	COM 475	Planning and Promotion for Events and Festivals	3	COM 490	Internship	3
	XXX	Non-COM Elective	3	COM 312	Zayed Media Lab II TCC	1
	ARA 340	Media Storytelling in Arabic II	3	COM 441	Communication and Media Law	2
	COM XXX	Tourism Elective	3	ARA 395	Media Translation Workshop	3
	XXX	Non-COM Elective	3			
		Total	15		Total	9

Total = 126 Credit Hours

Zayed University
College of Communication and Media Sciences
Bachelor of Science in Communication and Media Sciences
Specialization in Film and Video Communications
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with Function Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	The Nature of Science Discovery	3
		Total	15		Total	15
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 260	Living Science: Health & Environment	3
	COL 230	Islamic Civilization II	3	COM 210	Media Storytelling I	4
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3
	COL 255	Emirates Studies	3	COM 240	Communication and Media Ethics	2
	COL 270	Introduction to Information Technology	3	COM 280	Applied Digital Communication	3
	COM 200	Communication, Media and Society	3	ARA 240	Media Storytelling in Arabic I	3
		Total	18		Total	18
Year 3	COM 231 OR 237	Media and Cultural Criticism OR Interpersonal and Intercultural Communication	3	COM 261	Communication and Media History	2
	COM 315	Media Storytelling II	3	COM 311	Zayed Media Lab I	1
	COM 320	Photojournalism	3	COM 360	Communication and Media Research and Analysis	3
	XXX	Non-COM Elective	3	COM 421	Video and Audio Production II	3
	COM 321	Video and Audio Production I	3	ARA 340	Media Storytelling in Arabic II	3
	ARA 375	Public Speaking and Professional Presentation in Arabic	3	XXX	Non-COM Elective	3
				XXX	Non-COM Elective	3
	Total	18		Total	18	
Year 4	XXX	Non-COM Elective	3	ARA 395	Media Translation Workshop	3
	COM 457	Senior Project in Visual Communication	3	COM 312	Zayed Media Lab II	1
	XXX	Non-COM Elective	3	COM 490	Internship	3
	COM XXX	FVC Specialization Elective	3	COM 441	Communication and Media Law	2
	COM XXX	COM-Elective	3			
	Total	15		Total	9	

Total = 126 Credit Hours

Zayed University
College of Communication and Media Sciences
Bachelor of Arts in Emirati Studies
(Joint with College of Arts and Creative Enterprises and College of Sustainability Sciences and Humanities)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with Function OR Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	The Nature of Science Discovery	3
			Total	15		Total
Year 2	COL 230	Islamic Civilization II	3	ARA 211	Masterpieces of Arabic Literature	3
	COL 240	English Composition III	3	COM 371	Tourism Principles	3
	COL 255	Emirates Studies	3	HSS 201	History of the United Arab Emirates	3
	COL 260	Environmental Science	3	HSS 200AL	Arabic Lab [if not taken with HSS 200]	1
	HSS 200	Social and Economic Trends in the Gulf	3	HSS 202	Archaeology: Knowledge and Methods	3
	HSS 200AL	Arabic Lab	1	HSS 251 OR ART 322	World History OR History of Islamic Art and Architecture	3
				HSS 261	Introduction to Culture and Society	3
			Total	15/16		Total
Year 3	COL 270	Introduction to Information Technology	3	ART 324	Contemporary Islamic Art and Architecture	3
	ART 326	Representation: Exhibition, Display, and Interpretation I	3	COM 372	Communicating Tourism: Destinations and Heritage	3
	COM 237	Interpersonal and Intercultural Communication	3	HSS 383	Archaeology Field School	3
	HSS 321	Heritage of the Gulf	3	HSS 385	Bedouin Society	3
	HSS 381	Legacy of Sheikh Zayed	3	HSS 391	Research Methods	3
	HSS 382	Archaeology of the Emirates	3	HSS 391AL	Arabic Lab	1
			Total	18		Total
Year 4	ART 327	Representation: Exhibition, Display, and Interpretation II	3	ART 420	Communities, Curatorial Practices, and Collections	3
	COM 497	Special Topics in Communication and Media	3	ART 421 OR HSS 421	Material Culture of the U.A.E. OR Policy Case Study I	3
	Elective	Non-ART and Non-COM and Non- HSS Elective	3	HSS 384	Anthropology of Tourism and Heritage	3
	HSS 490	Internship	6	HSS 401	Political History of the U.A.E.	3
				HSS 497	Senior Seminar: Modernity and Morality	3
			Total	15		Total

Total = 131 Credit Hours

Note: As in the International Studies major, eligible Emirati Studies students may enroll in HSS 495 Honors Thesis I in semester 7 and HSS 496 Honors Thesis II in semester 8, thus adding 3 credit hours to their program.

Zayed University
College of Communication and Media Sciences
Bachelor of Science in Multimedia Design
(Joint with College of Arts and
Creative Enterprises and College of Technological Innovation)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data (preceded as required by MTH 101 Basic Mathematics)	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with Function OR Mathematical Modeling for Business	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	The Nature of Science Discovery	3
		Total	15		Total	15
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 260	Living Science: Health & Environment	3
	COL 230	Islamic Civilization II	3	ART 251	Basic Design	3
	COL 240	English Composition III	3	COM 210	Media Storytelling I	4
	COL 255	Emirates Studies	3	ARA 240	Media Storytelling in Arabic I	3
	ART 201	Principles of Design	3	CIT 210	Introduction to IT and Systems	3
	COM 280	Applied Digital Communication	3	CIT 225	Introduction to Programming and Problem Solving	3
		Total	18		Total	19
Year 3	ART 351	Graphic Design I	3	ART 376	Animation I	3
	ART 357	Designing for the Web I	3	COM 321	Video and Audio Production I	3
	ART 375	3D Modeling	3	CIT 345	Multimedia Systems	3
	COM 380	Web Design and Publishing	3	ART XXX OR CIT 305	ART History Course OR IT in Global and Local Cultures	3
	COL 270	Introduction to Information Technology	3	COM 240	Communication and Media Ethics	2
	CIT 375	Human Computer Interaction	3	COM 441	Communication and Media Law	2
		Total	18		Total	16
Year 4	ARA 340	Media Storytelling in Arabic II	3	COM 421 OR COM 382	Video and Audio Production II Multimedia Production	3
	ART 377	Animation II	3	Elective	400 Level elective in ART, CIT or COM that evidences a culminating experience	3
	CIT 376	Game Development	3	Elective	300 or 400 level elective other than ART, CIT or COM	3
	CIT 371	Mobile Computing	3	ART 490 OR CIT 490 OR COM 490	Internship for CACE students Internship for CTI students Internship for CCMS students	3 6 3
	Elective	300 or 400 level elective – ART, CIT, or COM	3			
		Total	15		Total	12/15

Total = 128-131 Credit Hours

College of Education Degrees

Bachelor of Science in Education

(B.S. Ed.) Major

Education

Specializations

Early Childhood

Upper Primary/Preparatory Education with
Teaching Fields in English Language Learning
and Mathematics

Bachelor of Science in Social Work (BSSW)

Bachelor of Science (B.S.)

Major

Psychology and Human Services (joint with
College of Sustainability Sciences and Humanities)

Minor

Education

Master of Education (M.Ed.)

Educational Leadership and Administration

Specialization

Special Education

Master of Science (M.S.) in Teaching and Learning

Faculty Listings

Dean: Robin Dada

Associate Dean: Barbara Harold

Assistant Dean: Jase Moussa-Inaty, Gloysis Mayers,
Rana Tamim

Professors: Robin Dada, Barbara Harold

Associate Professors: Fida Attalah,
John Matthews, Gloysis Mayers, Sadiq Midraj, Jase
Moussa-Inaty, Kennon Rider, Lacey
Sloan, Rana Tamim, Angela Ward, Lydia Barza;
Vishantie Sewpaul, Qais AlMeqdad

Assistant Professors: Fatima Bailey,
Jessica Essary, Anna Ferreira, Edward Nichols, Aida
Qasim, Wejdan AlSakaran. Mandy Ewen

Introduction

People build a nation and create the pathway for the future. It is the teachers who prepare the next generation to move forward and to take their place in continuing the building process. Through healthy societies and healthy families, the educational process can be productive incubators of societies intellectual trust. Social Workers advocate for social justice for all members of society and

the promise of the talents and gifts within every member to maintain and build the infrastructure for a great society. Having good teachers is the most important factor in how much children learn. Economists estimate that if a poor teacher is replaced with an average teacher, that change will raise a single classroom's lifetime earnings by about one million dirhams (Meyer, 2012). Social Work and Psychology and Human Services graduates build communities through individual well-being and facilitate the creation of the environment that creates the network for a healthy and opportunity rich society.

The College of Education is guided by a core set of values that contribute to the excellence of its programs:

- Respect for diversity of individuals and groups; an unwavering belief in integrity and ethical behavior;
- Steadfast conviction of the value of community, leadership, collaboration, and service; and
- Excellence through research, critical thinking, and thoughtful reasoning.

Mission

The College of Education:

- Prepares competent, committed, and innovative professionals who will lead education and community development. The Human Services support community development of the United Arab Emirates through their service and commitment to scholarly endeavors.
- Prepares reflective, culturally sensitive professionals who can support the building of strong active communities and who are responsive to the needs of an ever-changing progressive society.
- Develops collaborative and supportive relationships with Ministries, Councils and local schools, as well as parents, community agencies, organizations, and international partners.
- Supports graduate programs that prepare professional educators for a variety of leadership positions in educational and social service institutions.

Conducts research that informs practice and is relevant to the United Arab Emirates. This research advances scholarship and supports innovation in educational development and social development.

Academic Program

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

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

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

Major Learning Outcomes and Conceptual Framework

The Major Learning Outcomes of Education are derived from the Conceptual Framework of the college, which serves as the foundation for all programs offered by Zayed University that prepare educators to work effectively in schools as well as in the helping professions in the community. The Conceptual Framework is the driving force and the thread across all programs and courses, with the faculty's commitment development, leadership, scholarship, and service. It sets forth the research and theory that authenticate the practical aspects of the College's programs and distinguishes. Zayed University's graduates from those of other institutions. Programs in the College are aligned with international standards , contextualized in the local educational environment and the College of Education Conceptual Framework.

The specializations in Education and in the joint degree, Psychology and Human Services have four unifying domains of knowledge that form the Conceptual Framework, and that translate into Major Learning Outcomes (MALOs).

Major Learning Outcomes and Assessment for BS Education Programs Candidates must demonstrate competent performance in the college's Major Learning Outcomes:

- **Understand and use the professional knowledge base:** Candidates know the subject matter of their field and demonstrate that they can use it effectively, and continue to learn, draw on a variety of assessment or supervision methods, use constructive instructional and communication strategies, and employ a wide array of educational technologies to support learning and information management. Candidates must be fluent in Arabic and English.
- **Demonstrate professionalism:** Candidates are able to make considered and informed decisions about their professions. They demonstrate the ability to adjust, adapt, and improve their practice. Candidates develop professional attitudes and dispositions necessary to carry out the responsibilities expected of the United Arab Emirates educators and service providers.
- **Encourage cultural responsiveness:** Candidates respect the rights of others, respecting each individual and his/her culture and traditions. They demonstrate their ability to use their skills to address the diverse learning needs of students and adults. In addition, candidates accept that both academic achievement and cultural identity and heritage are significant aspects of the education process.
- **Promote global awareness:** Candidates reflect on their history and culture and apply this knowledge as they work with others. They are aware of the opportunities and challenges of living in an interconnected world and demonstrate knowledge of educational issues locally and internationally.

Bachelor of Science in Social Work

Program Goals

- Graduates employ their knowledge and skills as entry level, generalist social work practice in the United Arab Emirates and in the region.
- Graduates apply social work knowledge and skills to inform action, at direct and indirect levels, that will benefit individuals, families, groups, organizations, communities and the greater society.
- Graduates utilize their knowledge, skills, and commitment to work toward a just and equitable society, and to support the rights of all people to determine their own destiny, in the context of global interconnectedness.

- Graduates are competent, culturally sensitive professional practitioners who can help people to meet basic survival needs for food, clothing, shelter, and livelihood.
- Graduates possess the foundation knowledge and skills needed to enter into the advanced study of social work.
- Graduates are motivated and prepared for practice with an understanding of the importance of continued self-reflection and professional development throughout their social work career.

Zayed University Learning Outcomes

College coursework and clinical experiences provide opportunities for candidates to develop competency and to document achievement in the Zayed University Learning Outcomes. All college Major Learning Outcomes are aligned with University Learning Outcomes as shown:

Zayed University Learning Outcomes	Education Major Learning Outcomes
Critical Thinking and Quantitative Reasoning	Understand and use the professional knowledge base
Leadership	Demonstrate professionalism and encourage cultural responsiveness
Language	Understand and use the professional knowledge base
Technological Literacy	Understand and use the professional knowledge base
Information Literacy	Understand and use the professional knowledge base
Global Awareness	Promote global awareness

Zayed University Learning Outcomes	Social Work and Psychology & Human Services Major Learning Outcomes
Critical Thinking and Quantitative Reasoning	• Graduates possess the foundation knowledge and skills needed to enter into the advanced study of social work.

Leadership	• Graduates utilize their knowledge, skills, and commitment to work toward a just and equitable society, and to support the rights of all people to determine their own destiny, in the context of global interconnectedness.
Language	• Graduates employ their knowledge and skills as entry level, generalist social work practice in the United Arab Emirates and in the region.
Technological Literacy	• Graduates apply social work knowledge and skills to inform action, at direct and indirect levels, that will benefit individuals, families, groups, organizations, communities and the greater society.
Information Literacy	• Graduates are motivated and prepared for practice with an understanding of the importance of continued self-reflection and professional development throughout their social work career.
Global Awareness	• Graduates are competent, culturally sensitive professional practitioners who can help people to meet basic survival needs for food, clothing, shelter, and livelihood.

Admission Criteria

The college requires that the applicant for a teaching or social work major must fulfill the following requirements for acceptance:

- satisfactory completion of 42 semester credit hours or more;
- attainment of a cumulative GPA of 2.0 or higher;

- achievement of grades of “C-“ or better in COL 110, COL 111, COL 120, COL 130, COL 135, COL 140, COL 145, COL 150, COL 155, COL 160, COL 165, COL 230, COL 240, COL 255, COL 260, and COL 270.

All students must follow the same order of courses in their degree plans.

The college requires that the applicant for the Psychology and Human Services major or the Social Work major must meet the following requirements for acceptance:

- Satisfactory completion of 42 semester credit hours or more
- Attainment of a cumulative GPA of 2.0 or higher
- Achievement of C- or better in COL 110, COL 111, COL 140, COL 145, COL 240
- Achievement of passing grades (D or better) in COL 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 255, COL 260 and COL 270

College of Education Curriculum

Candidates who major in Education may study to become teachers and those who major in Social Work will be able to become social workers engaged in case management. Either are prepared to proceed to advanced study for advanced degrees. Social workers are prepared to work in socially oriented agencies and related service organizations such as schools, hospitals, community centers and other family oriented agencies.

Candidates’ academic programs include the Colloquy in Integrated Learning, the study of a content or discipline area, coursework, and experience in educational setting. Psychology, and Human Services majors also gain experience in social service agencies. Throughout their program, candidates continue to develop their skills in English, Arabic, and technology. Candidates complete other classes appropriate to their developing areas of expertise. A faculty and academic advisor in the college is assigned to every student to assist with course selection and scheduling decisions.

Specialization in Teaching

Education majors specialize in early childhood levels (birth through grade 3) and upper primary/preparatory English teachers or upper primary/preparatory mathematics teachers. Teachers specializing in early childhood focus on the integration of language and literacy, mathematics and numeracy, and science inquiry.

Early Childhood (Birth to Grade 3) Candidates who wish to become pre-school, kindergarten, or primary teachers(Grades 1-2) major in Education and follow the eight-semester plan in this catalog.

English (Grades 6-9 in Abu Dhabi, Grades 2-9 in Dubai) or Mathematics Teachers (Grades 6-9 in Abu Dhabi and Grades 4-9 in Dubai) Candidates who wish to become subject matter specialists for the grades identified should, follow the eight-semester plan in this catalog.

Specialization in Social Work

Candidates who wish to become social workers should, follow the eight-semester plan in this catalog.

Joint Degree Program with College of

Sustainability Sciences and Humanities
The College of Education and College of Sustainability Sciences and Humanities jointly offer the B.S. with a major in Psychology and Human Services. This degree develops the skills necessary for entry-level human service jobs needed by various social sectors in the United Arab Emirates. This degree also provides the foundations necessary for graduate work in psychology, counseling, and Social Work. 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.

Field Experiences (Practicum)

Candidates majoring in school-related specializations complete a core portion of their work in schools, observing and working with students, social workers and teachers and engaging in mentored teaching. The experiences increase in complexity and responsibility with the third practicum being embedded in a school environment for seven weeks, followed by student teaching that is full-time in school.

During the 7th semester the teacher candidates work with faculty on classroom-based curriculum throughout the day from Sunday to Thursday during university hours. When working in schools, the schedule will align with the school schedule. A block of literacy and language related courses are provided in semester 6 for candidates studying to be early childhood or English teachers to support application of language learning knowledge and skills. These courses engage in study on campus with a range of experiences, including some work in schools to support candidates meeting all learning outcomes.

Assessment Protocols

Candidates are formally assessed for performance in the program at specific intervals. Candidate achievement in the ZULOs is assessed through the normal assessment process in each course. At field work points, each candidate is reviewed regarding the progress in knowledge, skills, and dispositions – the attitudes and values held about the teaching profession. In addition, the college has major transition points where candidate work is assessed to determine whether the candidate is qualified to move to the next stage of preparation:

- Admission to the College. Candidates must meet all college admission requirements;
- Admission to the Program. Candidates must have a current IELTS score, have completed EDC 350/350A satisfactorily, and have completed all COL courses with C- or better;
- Successful completion of education studies sequence and the accompanying practicum;
- Performance on IELTS examination, and a C- or better in all EDC and specialization/major courses;
- Admission to internship. Students must submit a formal application that is reviewed by the Office of Field Experience and faculty who consider language proficiency, grade point average, completion of content and pedagogical coursework, practicum ratings, and fitness appropriate to student teaching or internship assignments;
- Exit from internship or student teaching. Mentors and faculty review the performance of the student during internship or student internship for a demonstration of all college Major Learning Outcomes; and

The Teacher Candidate Impact on Student Learning (TCISL project) or Capstone project provides evidence of learning of both the College of Education and Zayed University Learning Outcomes.

Internship and Student Teaching

Entrance to internship or student teaching requires successful completion of all discipline and education courses with “C-“or better and successful completion of all practicum experiences.

The internship and student teaching experience is supervised by Zayed University faculty and an on-site mentor. Learning outcomes are included among competencies specified for each of the college’s Major Learning Outcomes, which are available from faculty supervisors and the field experience handbook. Each of these competencies is introduced and reinforced in earlier courses and mastered during the last semester. Students are assessed continuously using a variety of

instruments included in the Internship/Student Teaching handbook.

Successful completion of the internship or student teaching is determined by the College of Education. Supervising professionals mentor students’ ability to use theory and knowledge of their discipline areas to plan, implement, differentiate interventions in a professional setting. In addition, candidates are expected to demonstrate the dispositions of professionals in the field.

Graduation Requirements

Completion of the major requires the development of an electronic portfolio of the candidate’s work at key assessment points. These demonstrate successful mastery of the Program Goals and ZULOs.

All candidates must meet the graduation requirements, which include completion of all Colloquy (general education) program, and the specialization and core curriculum courses of the degree plan. Some majors require a specified number of field hours.

Candidates must maintain at least a 2.0 cumulative GPA. Completion of the eight-semester curriculum plans requires completion of the credit hours on the degree plans.

Minor in Education

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

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

Students will take 18 credit hours of courses in education, upon the advice of the Asst. Dean for Student Affairs in the College of Education. The minor will be designed to meet students’ needs and interests. All students choosing a minor in Education will be required to take the following four courses:

- EDC 207 Infancy and Early Childhood
 - EDC 307 Middle Childhood and Adolescence
 - EDC 324 People with Special Needs
 - EDC 407 Adult Development and Aging
- Students will complete the balance of the minor by choosing from these course options:

- EDC 316 Parents as Educators
- EDC 221 International Systems of Education
- EDC 352 Early childhood Mathematics and Science I
- EDC 432 Professional, Ethical, and Legal Issues
- EDC 466 Marriage and the Family

To enroll in the minor, students must have the permission of their major college and advisor. They must have completed at least one semester in an approved major program of study, be in good standing at the University, and have a cumulative grade point average of 2.5. Students must complete both major and minor requirements within the maximum number of semesters allowed for study at the University. No semester may contain more than 19 credit hours and no summer program may contain more than 6 credit hours.

Curriculum Resource Center

Candidates' study of Education is supported by special facilities. Through the Curriculum Resource Center. Candidates can use a wide variety of curriculum outlines, lesson plans, books, CD-ROMs, videos, educational games, models, maps, kits, and other print and electronic resources. In the Curriculum Resource Center and the Model Classroom Lab, candidates and faculty can design and produce their own electronic materials for use in classrooms. These facilities help candidates connect what they learn in Zayed University classrooms with their experiences and practice in school classrooms.

Early Childhood Learning Center

The ECLC is closely affiliated with the College of Education and provides a dual language, inclusive, and play-based educational environment for young children ages 6 months to 4 years. This site serves as a training program for Early Childhood teachers, and a research center for the study of child development and language development.

COE Model Classroom

The College operates a model classroom that serves as a learning laboratory for methods courses and pedagogically oriented courses to facilitate the experimentation with learner-centered and inclusive environments.

Graduate Programs

For more information on graduate programs offered by the College of Education, see the "Graduate Programs" section.

Outreach and Engagement

The Graduate School of Education and Professional Development (GSEPD) provides outreach activities coordinated with the Institute for Community Engagement and the Graduate Studies Office.

Research Opportunities

Research in education and service organizations is essential for continuing economic and social progress in the United Arab Emirates. Faculty in the College of Education conduct research related to the improvement and understanding of learning, pedagogy, social interactions, language, and literacy. Research studies are frequently carried out in collaboration with the Ministry of Education and education agencies. Zayed University students may conduct action research in their courses or may participate in ongoing projects as research assistants. In addition, there are opportunities for Zayed University graduates to assist with research projects and to present at international conferences.

Zayed University
College of Education
Bachelor of Science in Education
Specialization in Early Childhood Education (Pre K-Grade 3)
Eight-Semester Curriculum Plan*

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
				Or		
				COL 112	Mathematics Modeling for Business	
	COL 120	Life Skills	3	COL 135	Islamic Civilization I	3
	COL 130	Arabic Concepts	3	COL 145	English Composition II	3
	COL 140	English Composition I	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
	COL 150	Global Awareness I: Human Geography	3	COL 165	The Nature of Science Discovery	3
			COL 270	Introduction to Information Technology	3	
		Total	15		Total	18
Year 2	COL 230	Islamic Civilization II	3	EDC 350	Education Studies I: The Learner	3
	COL 240	English Composition III	3	EDC 350A	Practicum I : The Learner	1
	COL 255	Emirates Studies	3	EDC 324	People with Special Needs	3
	COL 260	Living Science: Health & Environment	3	EDC 350 AL	Education Studies I: The Learner Arabic Lab	2
	COL 220	Entrepreneurship & Innovation	3	EDC 316	Parents as Educators	3
	EDC 207	Infancy and Early Childhood	3	EWS 222	English for the Professions I	3
				EDC 314	Early Childhood Program Models	3
			Total	18		Total
				BLOCKED		
Year 3	EDC 351	Education Studies II: Instructional Strategies	3	EDC 473	Teaching Reading and Writing	3
	EDC 351A	Practicum II: Instructional Strategies	2	EDC 386	Children's and Adolescent Literature	3
	EWS 223	English for Professions II	3	EDC 341	Learning English in Schools	3
	EDC 373	Early Literacy and English Language Learning I	3	EDC 323	Integrated Curriculum for Early Childhood	3
	EDC 368	Communicative Competence in Arabic Lab	2	EDC 452	Early Childhood Mathematics and Science II	3
	EDC 352	Early Childhood Mathematics and Science I	3	ARA 335	Teaching Arabic Literacy	3
			Total	16		Total
				BLOCKED		
Year 4	EDC 450	Education Studies III: Curriculum Design	3	EDC 490	Student Teaching	12
	EDC 450A	Practicum III: Curriculum Design	2			
	EDC 321	Classroom Management	3			
	EDC 460	Learning Technologies in the Classroom	3			
	EDC 465	Teaching Students with Special Needs	3			
	EDC 353	Assessment in the Content Areas	3			
			Total	17		Total

Total = 132 Credit Hours

Zayed University
College of Education
Bachelor of Science in Education
Specialization in Upper Primary/Preparatory Education (Grades 2-9)
Teaching Field in English Language Learning Teaching
Eight-Semester Curriculum Plan

	Semester 1			Semester 2		
			Credits			Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111 COL 112	Mathematical Modeling with Functions Or Mathematics Modeling for Business	3
	COL 120	Life Skills	3	COL 270	Introduction to Information Technology	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
					COL 165	The Nature of Science Discovery
		Total	15		Total	18
Year 2	COL 230	Islamic Civilization II	3	EDC 303	Linguistics for Teachers	3
	COL 240	English Composition III	3	EDC 350	Education Studies I: The Learner	3
	COL 255	Emirates Studies	3	EDC 350A	Practicum I: The Learner	1
	COL 260	Living Science: Health & Environment	3	EDC 350 AL	Education Studies I: The Learner Arabic Lab I	2
	COL 220	Entrepreneurship & Innovation	3	EDC 202 OR EDC 307	Human Development: Life Span OR Adolescent Development	3
	EDC 324	People with Special Needs	3	EWS 222	English for the Professions I	3
			Total	18	ELECTIVE	NON-EDC course
						18
					BLOCKED	
Year 3	EDC 351	Education Studies II: Instructional Strategies	3	EDC 332	Teaching Grammar II	3
	EDC 351 A	Practicum II: Instructional Strategies	2	EDC 341	Learning English in Schools	3
	EDC 354	Communicative Competence in English	3	EDC 386	Literature for Children and Adolescents	3
	EWS 223	English for Professions II	3	EDC 473	Literacy and English Language Learning II	3
	EDC 368	Communicative Competence in Arabic Lab 2	2	EDC 475	English Language Learning Methods and Materials-listening and speaking	3
	EDC 331	Teaching Grammar I	3	EDC 354	Language and Culture	
	EDC 373	Early Literacy and English Language Learning I	3			
			Total	19		Total
					BLOCKED	
Year 4	EDC 353	Assessment in the Content Area	3	EDC 490	Student Teaching	12
	EDC 321	Classroom Management	3			
	EDC 450	Education Studies III: Curriculum Design	3			
	EDC 450A	Practicum III	2			
	EDC 460	Learning Technologies	3			
	EDC 465	Teaching Inclusive schools	3			
			Total	17		Total

Total = 123 Credit Hours

Zayed University
College of Education
Bachelor of Science in Education
Specialization in Upper Primary/Preparatory Education (Grades 5-9)
Teaching Field in Mathematics (Subject Specialization)
Eight-Semester Curriculum Plan

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	MTH 103 OR COL 111	Pre-Calculus OR Mathematical Modeling with Functions	3
	COL 120	Life Skills	3	COL 270	Introduction to Information Technology	
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
					COL 165	The Nature of Science Discovery
		Total	15		Total	18
Year 2	COL 230	Islamic Civilization II	3	EDC 350	Education Studies I: The Learner	3
	COL 240	English Composition III	3	EDC 350A	Practicum I: The Learner	1
	COL 255	Emirates Studies	3	EDC 307	Middle Childhood and Adolescence	3
	COL 260	Living Science: Health & Environment	3	EDC 350AL	Education Studies I: The Learner Arabic Lab 1	2
	COL 220	Entrepreneurship & Innovation	3	MTH 122	Calculus II	3
	MTH 121	Calculus I	3	EDC 393	Teaching Mathematics I	3
				EWS 222	English in the Professions I	3
		Total	18		Total	18
Year 3	EDC 351	Education Studies II: Instructional Strategies	3	EDC 396	Teaching Mathematics III	3
	EDC 351A	Practicum II: Instructional Strategies	2	MTH 261	Elementary Geometry	3
	EDC 394	Teaching Mathematics II	3	EDC 324	People with Special Needs	3
	EWS 223	English for the Professions II	3	EDC 368	Communicative Competence in Arabic Lab 2	2
	MTH 281	Probability and Statistics I	3	MTH 482	Probability and Statistics II	3
	MTH 486	History of Mathematics	3	MTH 331	Linear Algebra	3
		Total	17		Total	17
	BLOCKED					
Year 4	EDC 450	Education Studies III: Curriculum Design	3	EDC 490	Student Teaching	12
	EDC 450A	Practicum III: Curriculum Design	2			
	EDC 460	Learning Technologies	3			
	EDC 465	The Inclusive School	3			
	EDC 321	Classroom Management	3			
	EDC 353	Assessment in the Content Area	3			
		Total	16		Total	12

Total = 131 Credit Hours

Zayed University
College of Education
Bachelor of Science in Education
Bachelor of Science in Psychology and Human Services
(joint with College of Sustainability Sciences and Humanities)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical modeling with data	3	COL 111	Mathematical Modeling with Functions Or Mathematical Modeling with Functions	3
	COL 120	Life Skills	3	COL 220	Entrepreneurship & Innovation	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
				COL 165	Nature of Science Discovery	3
		Total		15		Total
Year 2	COL 230	Islamic Civilization II	3	COL 270	Introduction to IT	3
	COL 240	English Composition III	3	EDC 207	Infancy and Early Childhood	3
	COL 255	Emirates Studies	3	PSY 363	Social Psychology	3
	COL 260	Living Science: Health & Environment	3	PSY 330	Personality and Individual Differences	3
	PSY 212	Introduction to Psychology	3	PSY 310	Introduction to Counseling	3
	PSY212AL	Arabic Lab	1	EDC 307	Middle Childhood and Adolescence	3
		Total	16		Total	18
Year 3	EDC 366	Intro to Research Methods	3	EDC 354	Communicative Comp in English	3
	EDC 324	People with Special Needs	3	EDC 431	Partnerships with Families and Communities	3
	EDC368	Communicative Competence in Arabic	2	EDC 466 Or PSY 371	Marriage and the Family Or Organizational Psychology	3
	PSY 340	Mental Health and Psychological Disorders	3	PSY321	Biological Basis for Behavior	3
	PSY 375	Health Psychology	3	PSY 325	Cognitive Psychology	3
	Elective	Non-EDC and Non-PSY	3	PSY 410	Individual and Family Assessment	3
		Total	17		Total	18
Year 4	EDC 366 Or EDC 407	Interventions with Children Or Adult Development & Aging	3	HSC 490 or EDC 492	Internship	6
	EDC432	Professional Ethical and Legal Issues	3	HSC 491 or EDC 499	Senior Project Capstone	3
	PSY 451	Seminar in Applied Psychology & Human Services	3			
	Elective	EDC Elective	3			
	PSY 413	Psychological Interventions	3			
	Total	15		Total	9	

Total = 126 Credit Hours

College of Sustainability Sciences and Humanities

Degrees

Bachelor of Arts (B.A.)

Major

International Studies

Specializations

Culture and Society

International Affairs

Major

Emirati Studies (joint with College of Communication and Media Sciences and College of Arts and Creative Enterprises)

Bachelor of Science (B.S.)

Major

Environmental Science and Sustainability

Public Health and Nutrition

Psychology and Human Services (joint with College of Education)

Minor

Applied Psychology

Public Health

Literature

Executive Masters in Health Care Administration (EMHCA)

Executive Masters in Public Administration (EMPA)

Master of Arts (M.A.) in Diplomacy and International Affairs

Master of Arts (M.A.) in Museum Studies

Certificates

Graduate Certificate in Diplomacy and International Affairs

Graduate Certificate in Health Care Administration

Graduate Certificate in Museum Studies

Faculty Listings by Department

Dean: Christopher Southgate

Associate Dean: Sabrina Joseph

Assistant Dean: Rima Sabban (DXB)

Assistant Dean: Fatme AlAnouti (AUH)

Assistant Dean: Munawwar Khan (DXB)

Humanities and Social Sciences

Professors: Habibul Khondker, Ibrahim Souss, Martin Hvindt, Ominia Amin

Associate Professors: James Toth, Jane Bristol-Rhys, Frank Cibulka, Frank Fanselow, Mehrdad Mozayyan, Rafael Ryes-Ruiz, Rima Sabban, Steven Gardiner (Co-Chair Abu Dhabi)

Assistant Professors: Amir Al Islam, Anke Reichenbach, Carla Bethmann, David Mason, Federico Velez, James Redman, James Williams, Justin Gibbons, Kristian Alexander, Li-Chen Sim, Marta Wieczorek, Mohammad Masad (Co-Chair Dubai), Nadia Amin, Nezar Andary, Susanne Kranz, Timothy Power, Zhiguang Yin

Instructors: Hayfa AbdulJaber, Indrashi Tandon, Jonathan Fulton Neda Behmardi, Sanuja Ali

Natural Science and Public Health

Professors: Timothy Jordan, James Terry, Fares Howari

Associate Professors: Robert Boldi, Rania Dghaim, Brigitte Howarth (Chair), Munawwar Khan, Fatme Al Anouti, Justin Thomas, Dimitrios Papendreu, Henrik Stahl, Ian Grey, Andrew Peplow.

Assistant Professors: Lina AlKury, Malin Garemo, Mercedes Sheen, Dalya Haroun, David Abrego, Janine Tan, Haleema Al Sabbah, Heba Barazi, Joana Stocker, Jacqueline Widmer, Mirey Karavetian, Amal Elamin, Alya Arabi, Majeda Humeidan, Carole Moubareck, Milan Garemo (Chair), Mariana Couthino, Jibran Iqbal, Layla Alhayas (Adjunct), Nadine Bou Orm (Adjunct), Ludmilla Francisca Scott, Zainab Taha Abdel Sayed.

Instructors: Myriam Abboud, Sarah Khan, Lama Al Khuja, Rola Mechli, Fiza Hameed, Mona El Kouatly Kambris, Amani Saqallah, Louise Du Plessis, Farah Hillou, Karoly Kornel Schlosser

Visiting Associate Professor:

Fatima Al-Darmaki (Assistant Provost)

Introduction

The College of Sustainability Sciences and Humanities (CSSH) houses two Departments: Humanities and Social Sciences and Natural Science and Public Health. CSSH is grounded in the U.A.E.'s determination to build a sustainable future while preserving the integrity of its traditions. The College offers undergraduate and graduate degrees and minors in key areas that promote the study of issues related to environmental, social, cultural, and economic sustainability. Thus, the majors in the College take a broad multidisciplinary approach to identifying and addressing the complex, intertwined areas of modern society and its sustainable relationship to the natural environment. CSSH students are uniquely equipped, through both research and internship experience, to understand and to work at the intersections of the traditional disciplines of the cultural, economic, humanitarian, political, scientific, and technological fields.

Mission

The College of Sustainability Sciences and Humanities seeks to educate graduates who have acquired the knowledge and skills needed for successful careers and leadership roles and have developed the capacity for lifelong learning, regardless of a student's major. It also seeks to contribute to the advancement of the U.A.E. through research, service, and outreach activities that advance the development of the nation's intellectual assets.

The College's programmatic mission includes three different but related goals:

- To offer interdisciplinary majors and minors, some in collaboration with other Colleges, that are intellectually and socially meaningful and prepare students for current and future career opportunities.
- To enhance the general knowledge of all University students by contributing to a range of core curriculum courses that bolster both subject knowledge and skills development.
- To serve the needs of the professional colleges and support their programs by providing elective courses in the humanities, social sciences, and natural sciences and public health.

Academic Programs

The College offers five academic majors, these lead to baccalaureate degrees in International Studies (Department of Humanities and Social Sciences), Environmental Science and Sustainability (Department of Natural Science and Public Health), Public Health and Nutrition (Department of Natural Science and Public Health), Emirati Studies (joint with Colleges of Communication, and Psychology) and Human Services (joint with College of Education). The departments responsible for the exclusive degrees— Humanities and Social Sciences and Natural Science and Public Health—are featured on pages 97-109, where full descriptions of the degrees appear. The College of Sustainability Sciences and Humanities offers two degrees jointly with other colleges: Emirati Studies, and Psychology and Human Services.

Emirati Studies (joint with College of Communications and Media Sciences). This Interdisciplinary program is a comprehensive course of study in the 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 cultural heritage management, curatorship, and cultural tourism—sectors that are expanding with 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 financial investment in restoration, conservation, museums, arts centers, and cultural festivals, and celebrations. Investment in the human capital to staff those new ventures is necessary if the United Arab Emirates is to be a successful tourist destination. Graduates with the degree in Emirati Studies will expand national capacity in all the knowledge and skill areas that support and sustain heritage and cultural tourism. Eligible Emirati Studies students may apply for the HSS Honors Thesis option.

Psychology and Human Services

The College of Education and College of Sustainability Sciences and Humanities jointly offer the B.S. with a major in Psychology and Human Services. This degree develops the skills necessary for entry level service jobs counseling 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 assessment, use of intervention strategies, and service learning.

In addition to the above majors, the College offers a range of disciplinary and interdisciplinary courses in the Colloquy curriculum, as well as support courses for majors in the other colleges. Descriptions for all courses offered by the college are to be found later in this catalog. Each program and major has its own set of learning outcomes that define the scope of knowledge and skills which arise in that discipline and which provide the necessary knowledge base for the successful pursuit of careers or advanced study in those fields.

The College of Sustainability Sciences and Humanities offers two minor programs: Applied Psychology, and Literature.

Minor in Applied Psychology

The Department of Natural Science and Public Health offers a minor in Applied Psychology. The minor gives students the opportunity to gain the knowledge, values, and skills that will enable them to acquire a greater degree of insight into the complex factors that affect their own behavior and that of others around them. Students in the minor thus become more knowledgeable about similarities and tolerant of differences between human beings. Moreover, a minor in Applied Psychology allows students to

understand more about leadership and management within organizations and helps them to gain a better perspective in how organizations function. Taking a minor in Applied Psychology enables students to understand and appreciate how their own behavior and that of others are shaped by biological, social, environmental, and psychological factors;

to understand and display empathic counseling techniques; to utilize appropriate interventions for presenting concerns while taking into account individual and environmental factors; and to understand the complexity of people within systems such as families, organizations, and groups. Those outcomes in critical thinking and personal development align with those outlined by the University. A minor in Applied Psychology requires PSY 212 and PSY 212 AL to be taken along with a choice of three courses listed under the 300 level selection, and two courses listed under the 400 level selection below. Note this minor requires completion of 19 credit hours.

- Required courses (prerequisites to all other courses) = 4 credits
 1. PSY 212 Introduction to Psychology
 2. PSY 212 AL Arabic Lab
- Choice of 3, 300-level courses = 9 credits
 1. PSY 363 Social Psychology
 2. PSY 310 Introduction to Counseling
 3. PSY 375 Health Psychology
 4. PSY330 Personality & Individual Differences
 5. PSY 325 Cognitive Psychology
 6. PSY 321 Biological Basis for Behavior
 7. PSY 340 Mental Health & Psychological Disorders
 8. PSY 371 Organizational Psychology
 9. EDC 367 Interventions with Children
- Choice of 2, 400-level courses= 6 credits
 1. PSY 410 Individual & Family Assessment
 2. EDC 432 Professional and Ethical Issues
 3. EDC 466 Marriage and the Family
 4. PSY 451 Seminar in Applied Psychology & Human Services

Minor in Public Health

The Department of Natural Science and Public Health 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 major 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. A minor in Public Health includes 6 courses which correspond to 18 credit hours.

Required courses: HSC205, HSC267, MTH281, HSC366, HSC367, HSC450

Minor in Literature

The Department 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 Colloquy courses and are refining in their majors. 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, normally offered in the semester noted parenthetically.

- HSS 360 Film and Literature (spring)
- HSS 363 Drama (spring)
- HSS 364 Modern and Contemporary Literature (spring)
- HSS 365 The Novel (fall)
- HSS 367 World Poetry (fall)
- HSS 368 World Fiction (spring)

National Qualification Framework (NQF) Program Learning Outcomes (PLOs), coursework and out-of-class experiences provide opportunities for student to develop competency and document achievement. Instructors assess students using Course Learning Outcomes (CLOs) specific to each class that are aligned to the PLOs, specified below for the both the International Affairs and Culture and Society concentrations in International Studies. (Note from Fall 2015 the NQF PLO/CLO structure replaces the previous ZULO/MALO framework of learning outcomes in the International Studies major.)

Culture and Society Program Learning Outcomes

1 - Disciplinary & Inter-Disciplinary 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 development of identities, societies and cultures at the local, regional, and international levels.

2 - Language & 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 different socio-cultural norms and relationships 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.

International Affairs Program Learning Outcomes

1 - Disciplinary & Inter-Disciplinary 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 & 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.

Admission Criteria

For students entering the baccalaureate program the College requires that the applicant for admission to the major must fulfill the following requirements for acceptance:

Humanities and Social Sciences

- satisfactory completion of 42 semester credit hours or more
- attainment of a cumulative GPA of 2.0 or higher
- achievement of grades C- or better in COL 140, COL 145, and COL 240
- achievement of grades of C- or better in two of the three Global Awareness courses, COL 150, COL 155, COL 255, and no lower than a D in the third
- achievement of passing grades (D or better) in COL 105, COL 110, COL 111, COL 120, COL 130, COL 135, COL 165, COL 230, COL 260, and COL 270

*COL 260 and COL 270 may be scheduled for semester three, four, or five. Natural Sciences and Public Health **

NSPH offers three degrees, and the entry requirements differ for these degrees as follows:

Bachelor of Science in Environmental Science and Sustainability & Bachelor of Science in Public Health and Nutrition:

- Satisfactory completion of 36 semester credit hours or more
- Attainment of a cumulative GPA of 2.0 or higher
- Achievement of C- or better in COL 110, COL 111, COL 140, COL 145, COL 165, COL 240, COL 260
- Achievement of passing grades (D or better) in COL 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 230, COL 255 and COL 270

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

- Satisfactory completion of 42 semester credit hours or more
- Attainment of a cumulative GPA of 2.0 or higher
- Achievement of C- or better in COL 110, COL 111, COL 140, COL 145, COL 240
- Achievement of passing grades (D or better) in COL 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 255, COL 260 and COL 270

COL 260 and COL 270 may be scheduled for semester three, four, or five.

Majors in the College of Sustainability Sciences and Humanities approach the development of the student's mastery of both the subject matter (content) and learning outcomes in a distinctive way. Students are introduced to the disciplines that together make up the liberal arts and sciences through courses in the Colloquy on Integrated Learning. They then move through a sequence of required and elective courses that introduce increasingly advanced ideas and theory, methods of inquiry and research, and reflective skills. Finally, these majors build the combination of a mastery of theory and content with the opportunity to apply this learning through the internship and

courses that require students to draw widely on their educational experience and bring together its various forces.

Internship

Internships for academic credit add a significant experience in the workplace to a student's education. They provide the opportunity to develop professional attitudes, behavior, skills, and confidence. Internships also introduce the broad range of career possibilities available to the student with a University degree. Students come to a new understanding of the relationship between education and the world of work.

Graduation Requirements

To earn a baccalaureate degree at Zayed University, the student must have a minimum GPA of 2.0 and have demonstrated proficiency in both the English and Arabic languages through satisfactory completion of course work. The student must fulfill all core curriculum requirements and satisfy the competencies in Zayed University Learning Outcomes specified by the major. In addition, the student must complete all requirements for the major, including the internship and the achievement of the Major Learning Outcomes.

A student must complete a minimum of 120 credit hours to graduate. Normally, a degree program may not require a student to complete more than 132 credit hours for graduation. Students themselves may add credit hours if appropriate, such as for example the students enrolled in Honors Thesis for the International Studies degree program within the College of Sustainability Sciences and Humanities. These are indicated in the sections of this catalog devoted to those programs. The student should consult with a college advisor on program and course requirements for graduation.

Eight-Semester Curriculum Plans

Each major in the College of Sustainability Sciences and Humanities has a curriculum plan which demonstrates the relationship between the core curriculum courses, the requirements for the major, and elective courses.

Graduate Programs

For information on graduate programs offered by the College of Sustainability Sciences and Humanities, see the "Graduate Programs" section.

Outreach and Engagement

The College of Sustainability Sciences and Humanities participates in outreach and engagement activities coordinated by the Institute for Community Engagement.

Department of Humanities and Social Sciences

Introduction

The Department of Humanities and Social Sciences (HSS) offers an interdisciplinary major in International Studies, with specializations in Culture and Society and International Affairs and a minor in Literature. It also cooperates with the College of Communication and Media Sciences in offering a degree in Emirati Studies. The department's disciplines are integrated for the study of the nature of culture and society, international affairs, the impacts of globalization, and issues of social and political development. The department includes the disciplines of anthropology, comparative literature, history, international relations, political science, and sociology. HSS also supports majors in other colleges and departments through elective course offerings in the humanities and social sciences.

Mission

The mission of the Department of Humanities and Social Sciences is to provide an academic and professional focus from the humanities and the social sciences on issues that deal with local as well as global contexts. Specifically, the mission of the department is to:

- provide undergraduate and graduate degree programs and a minor for students who are interested in understanding and analyzing and eventually leading the United Arab Emirates in its social, economic, and cultural development; and
- build partnerships with key organizations to support basic and applied research projects, policy development, and meaningful internships and other academic and career opportunities for students.
- contribute to foundation courses in the Global Awareness Sequence which is part of the Colloquy on Integrated Learning in University College.

Academic Program

The major in International Studies relies on integrating knowledge from disciplines with research and analytical skills, social and cultural understanding, and practical experience. Graduates will demonstrate a high level of competence in academic written English. 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.

The International Studies program in the College of Sustainability Sciences and Humanities leads to a Bachelor of Arts degree. It 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.

Building on a foundation of faculty strength across disciplines in the social sciences and humanities (anthropology, comparative literature, history, international relations, political science, and sociology), the International Studies program is further strengthened by faculty expertise in the major world regions of East Asia, South Asia, Southeast Asia, the Middle East, Europe, and the Americas. Through rigorous training in interdisciplinary research methods and acquisition of knowledge of different world regions, this program provides global awareness and understanding of the transnational flows of people, ideas, technologies, information, and capital. Zayed University Learning Outcomes College coursework and out-of-class experiences provide opportunities for students to develop competency and document achievement in the Zayed University Learning Outcomes. Instructors assess student achievement in the Zayed University Learning Outcomes through the normal assessment process in each course. Advisors monitor student development and, during the fourth year, prior to internship, a team of major advisors and instructors assesses ZULO achievement levels and readiness

for internship. Demonstration of competencies in ZULOs related to the major is assessed through periodic assessments by instructors and advisors during the undergraduate program. Major Learning Outcomes and Assessment Protocols

- **Language:** Graduates will be able to communicate effectively in English and Modern Standard Arabic, using the academic conventions of these languages in the social sciences and the humanities.
- **Technological Literacy:** Graduates will be able to use current information technology to enhance productivity and effectiveness.
- **Critical Thinking:** Graduates will be able to use critical processes to develop informed opinions.

- **Global Awareness:** 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.
- **Information Literacy:** Graduates will be able to find, evaluate, and use appropriate information from multiple sources to respond to a variety of needs.
- **Leadership:** Graduates will be able to act responsibly with self-awareness of their actions and to work effectively in group contexts and with/ among the broader community to achieve specific goals.

The International Studies graduates will have specific skills that include:

- research and analytical methodologies;
- presentation skills;
- problem identification and analysis;
- the ability to integrate concepts and theory with reality;
- the ability to work effectively in international and multi-cultural environments within and outside the United Arab Emirates;
- the ability to learn what is happening around them and apply it to their own lives; and
- the ability to work effectively in both English and Arabic.

Assessment Protocols

Assessment of student work in the major focuses on written papers and reports, case studies, research studies, course examinations, and, in select cases, the honors thesis.

The International Studies Curriculum

The International Studies program is interdisciplinary in design and draws upon courses in relevant academic fields. The curriculum is designed to offer students a variety of specialized courses in two specializations: Culture and Society and International Affairs.

Both specializations build on a common foundation of courses in semesters three, four, and six, have specialized offerings in the third year, and include a Senior Seminar in the final semester as well as an honors thesis project in the final two semesters for select students.

The specialization in Culture and Society offers students an interdisciplinary approach grounded in the humanities and social sciences for an integrated

understanding of the relationship between cultural production, social institutions, and knowledge across time. Students in this specialization will be prepared for careers in cultural institutions, research centers, and social services in the private and public sectors, as well as for admission to graduate studies in the humanities and social sciences.

The specialization in International Affairs focuses on history, state relations, international and global institutions, and contemporary political issues. Students in this specialization are prepared to work in government agencies dealing with international affairs and in international institutions operating in the United Arab Emirates. Students are also prepared for graduate studies in political science, international relations, peace and conflict studies, and other related fields.

Common required courses

The foundational courses of the curriculum include HSS 251 World History, which delves into the historical context that gave rise to different intellectual traditions and their cultural, political, and social dynamics, and, HSS 252 Comparative Intellectual Traditions, which provides the intellectual context for upper division courses focusing on cultural and political traditions around the world.

In semester four students choose either HSS 200 Social and Economic Trends in the Gulf, which provides students the background required to understand the interconnection between social, political, and economic forces in the Gulf region, or HSS 201 History of the United Arab Emirates, which focuses on the history of the seven emirates with particular attention to the challenges and opportunities that emerged with the formation of the union in 1971. In semester four students also take HSS 210 Introduction to International Relations and HSS 261 Introduction to Culture and Society. After taking these two courses and consulting with their academic advisors, students decide which specialization to follow.

Between semesters five and seven there are also common courses to both specializations that are meant as developmental courses: HSS 374 Comparative Sociology, HSS 353 The Politics of Identity, HSS 391 Research Methods, and area studies courses such as HSS 458 World Regions. In semesters five and six students take specialized courses. Those specializing in International Affairs are required to take HSS 325 Comparative Political Systems and at least one course from a menu of courses in law and diplomacy and one course from a menu in political economy. Law and diplomacy offerings include HSS 330 International Law and World Politics, HSS 333 Foreign Relations of the United States, and HSS 332 International Relations

in the Gulf Region. Courses in political economy include HSS 352 State, Society and the Economy, HSS 341 Development and Underdevelopment, and HSS 334 The Politics of Oil. Students may also take other courses listed on the menus as electives within the specialization.

Students following the Culture and Society specialization should take the following courses: HSS 328 and HSS 329 Critical Thinking I and II; HSS 301 Geography: People, Places and Power or HSS 302 Cities: Culture, Space, Sustainability; and HSS 362 Popular Cultures of the World or HSS 361 World Cinemas. The latter two courses have a menu of six world regions (Middle East, East Asia, Africa, Europe, Americas, and South and South East Asia) and will be offered on a rotating basis or according to faculty expertise and research interests. Students may also take other courses listed on the menus as electives with the specialization.

Students from both concentrations are required to take at least one HSS 397 Special Topics course in semester six. Apart from being courses that allow multidisciplinary faculty to teach a course directly related to their areas of specialization or research, special topics courses will provide students the opportunity to explore different areas of scholarship within the humanities and social sciences.

Internship

The internship experience provides an opportunity to apply coursework knowledge to particular professional settings. Examples of recent internship assignments include the American Embassy, the Australian Consulate, the Human Rights Office of

the Dubai Police Department, the Dubai School of Government, the Ministry of Foreign Affairs, Emirates Airlines, Federal National Council, Department of Justice, and the Authority of Social Care and Minors' Affairs. Internships in the business sector also are provided.

Senior Seminar

Designed to enhance student/faculty collaborations, the senior seminar provides a culminating experience for all majors. It is structured to benefit from the multidisciplinary composition of the faculty and the interdisciplinary nature of the concentrations.

Honors Thesis

Upon completion of HSS 391 Research Methods in year 3, eligible students may elect to enroll in Honors Thesis, a 6-credit two-semester course in the final year completed under mentorship of a full-time HSS faculty member. In the Honors Thesis course, students will complete a substantial product of original research or creative work that 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 major requirement and, upon successfully defending their final project before a panel of faculty members, will receive an "Honors Thesis Option" designation on their official Zayed University transcripts and diplomas.

Requirements for enrolling in Honors Thesis:

- 3.2 GPA
- Personal statement to the department head and proposed thesis advisor, in which the student describes the intended project. A proposal and literature review may be submitted as part of this proposal.

Graduation Requirements

Students must complete at least 125 semester credit hours and attain the standards specified on page 22. Students who are selected to complete the Honors Thesis will graduate with 128 credit hours.

Zayed University
College of Sustainability Sciences and Humanities
Bachelor of Arts in International Studies Specialization in
Culture and Society Eight-Semester Curriculum Plan

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	ADV 201	Advising	0
	COL 120	Life Skills	3	COL 111 OR COL 112	Mathematical Modeling with Functions OR Mathematical Modeling with function	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Human Geography	3	COL 155	Global Awareness II: Encounters: People, Places, & Traditions	3
				COL 165	The Nature of Science Discovery	3
	Total		15	Total		15
Year 2	COL 230	Islamic Civilization II	3	ART 251 OR CIT 210 OR COM 280 OR MTH 281	Basic Design OR Introduction to IT and Systems OR New Media OR Probability and Statistics	3
	COL 240	English Composition III	3	HSS 200 OR HSS 201	Social and Economic Trends in the Gulf OR History of the United Arab Emirates	3
	COL 255	Emirates Studies	3	HSS 200AL	Arabic Lab I	1
	COL 260	Environmental Science	3	HSS 261	Introduction to Culture and Society	3
	COL 270	Introduction to Information Technology	3	HSS 251 OR HSS 252	World History OR Comparative Intellectual Traditions	3
	HSS 251 OR HSS 252	World History OR Comparative Intellectual Traditions	3	HSS 210	Introduction to International Relations	3
	Total		18	Total		16
Year 3	HSS 328	Humanistic Inquiries: Critical Thinking I	3	HSS 301 OR HSS 302	Geography: People, Places, and Power OR Cities: Culture, Space, Sustainability	3
	HSS 374	Comparative Sociology	3	HSS 329	Theory, Method, Evidence: Critical Thinking II	3
	HSS 391	Research Methods	3	HSS 361 OR HSS 362	World Cinemas OR Popular Cultures	3
	HSS 391 AL	Arabic Lab	1	HSS 397	Special Topics	3
	HSS 458	World Regions: Societies and Cultures	3	Elective	Elective for minor or outside HSS*	3
	Elective	Non- HSS Elective	3			
	Total		16	Total		15
Year 4	HSS 353	Politics of Identity	3	HSS 458	World Regions: Societies and Cultures	3
	HSS 495	Honors Thesis I (for select students)	3	HSS 496	Honors Thesis II (for select students)	3
	Elective	Elective for minor or within program	3	HSS 497	Senior Seminar: Modernity and Morality	3
	HSS 490	Internship	6	Elective	Elective for minor or outside HSS*	3
				Elective	Elective*	3
	Total		12/15	Total		15

Total = 125/128 Credit Hours

* Students selecting a non-HSS course choose from an approved list in consultation with their advisor.

Zayed University
College of Sustainability Sciences and Humanities
Bachelor of Arts in International Studies Specialization in
International Affairs Eight-Semester Curriculum Plan

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Colloquium	3	COL 105	Career Exploration	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Emerging Civilizations	3	COL 155	Global Awareness II: Imperial Encounters	3
					COL 165	The Nature of Science Discovery
	Total		15	Total		15
Year 2	COL 230	Islamic Civilization II	3	ART 251 OR CIT 210 OR COM 280 OR MTH 281	Basic Design O R Introduction to IT and Systems OR New Media OR Probability and Statistics	3
	COL 240	English Composition III	3	HSS 200 OR HSS 201	Social and Economic Trends in the Gulf OR History of the United Arab Emirates	3
	COL 255	Emirates Studies	3	HSS 200AL	Arabic Lab	1
	COL 260	Environmental Science	3	HSS 251 OR HSS 252	World History OR Comparative Intellectual Traditions	3
	COL 270	Introduction to Information Technology	3	HSS 261	Introduction to Culture and Society	3
	HSS 251 OR HSS 252	World History OR Comparative Intellectual Traditions	3	HSS 210	Introduction to International Relations	3
	Total		18	Total		16
Year 3	HSS 325	Comparative Political Systems	3	HSS 330 OR HSS 332 OR HSS 333	International Law and World Politics OR International Relations in the Gulf Region OR Foreign Relations of the United States	3
	HSS 374	Comparative Sociology	3	HSS 341 OR HSS 352 OR HSS 334 ORECN 202	Development and Underdevelopment OR The State, Society, and the Economy OR The Politics of Oil OR Understanding Macroeconomics (2credits)	3
	HSS 391	Research Methods	3	HSS 397	Special Topics	3
	HSS 391 AL	Arabic Lab	1	Elective	Elective for minor or within program	3
	Elective	Elective for minor of within program	3	Elective	Elective for minor or outside HSS*	3
	Elective	Non-HSS Elective	3			
	Total		16	Total		15
Year 4	HSS 353	Politics of Identity	3	HSS 458	World Regions: Societies and Cultures	3
	HSS 495	Honors Thesis I (for select students)	3	HSS 496	Honors Thesis II (for select students)	3
	Elective	Elective*	3	HSS 497	Senior Seminar: Modernity and Morality	3
	HSS 490	Internship	6	Elective	Elective for minor or outside HSS*	3
				Elective	Elective*	3
				Elective	Elective* (for Non- Thesis Students)	3
	Total		12/15	Total		15

Total = 125 (128) Credit Hours

* Students selecting a non-HSS course choose from an approved list in consultation with their advisor.

Electives for International Affairs

Course Number		Title	Credit
BUS	309	Introduction to Management	3
COM	200	Communication, Media, and Society	3
COM	230	Public Speaking and Persuasion	3
COM	504	Cross Cultural Communication	3
ECN	202	Understanding Macroeconomics	2
HSC	468	Health and Social Policy	3
MTH	281	Probability and Statistics I	3

Electives for Culture and Society

Course Number		Title	Credit
ARA	211	Masterpieces of Arabic Literature	3
ARA	222	Muslim Travelogue Literature	3
ART	322	History of Islamic Art and Architecture	3
BUS	309	Introduction to Management	3
COM	200	Communication, Media, and Society	3
COM	230	Public Speaking and Persuasion	3
COM	371	Tourism Principles	3
COM	504	Cross Cultural Communication	3
HSS	202	Archaeology: Knowledge and Methods	3
HSS	360	Film and Literature	3
HSS	363	Drama	3
HSS	314	Peoples of the World	3
HSS	321	Heritage of the Gulf	3
HSS	365	The Novel	3
HSS	367	World Poetry	3
HSS	368	World Fiction	3

Zayed University
College of Sustainability Sciences and Humanities
Bachelor of Arts in Emirati Studies
(Joint with College of Communication and Media Sciences & College of
Arts and Creative Enterprises)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Colloquium	3	COL 105	Career Exploration	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Emerging Civilizations	3	COL 155	Global Awareness II: Imperial Encounters	3
				COL 165	The Nature of Science Discovery	3
		Total	15		Total	18
Year 2	COL 230	Islamic Civilization II	3	ARA 211	Masterpieces of Arabic Literature	3
	COL 240	English Composition III	3	COM 371	Tourism Principles	3
	COL 255	Emirates Studies	3	HSS 201	History of the United Arab Emirates	3
	COL 260	Environmental Science	3	HSS 200AL	Arabic Lab [if not taken with HSS 200]	1
	HSS 200	Social and Economic Trends in the Gulf	3	HSS 202	Archaeology: Knowledge and Methods	3
	HSS 200AL	Arabic Lab	1	HSS 251 OR ART 322	World History OR History of Islamic Art and Architecture	3
				HSS 261	Introduction to Culture and Society	3
		Total	15/16		Total	19/18
Year 3	COL 270	Introduction to Information Technology	3	ART 324	Contemporary Islamic Art and Architecture	3
	ART 326	Representation: Exhibition, Display, and Interpretation I	3	COM 372	Communicating Tourism: Destinations and Heritage	3
	COM 237	Interpersonal and Inter-cultural Communication	3	HSS 383	Archaeology Field School	3
	HSS 321	Heritage of the Gulf	3	HSS 385	Bedouin Society	3
	HSS 381	Legacy of Sheikh Zayed	3	HSS 391	Research Methods	3
	HSS 382	Archaeology of the Emirates	3	HSS 391AL	Arabic Lab	1
		Total	18		Total	16
Year 4	ART 327	Representation: Exhibition, Display, and Interpretation II	3	ART 420	Communities, Curatorial Practices, and Collections	3
	COM 497	Special Topics in Tourism and Cultural Communications	3	ART 421 or HSS 421	Material Culture of the U.A.E. Policy Case Study I	3
	Elective	Non-ART and Non-COM and Non-HSS Elective	3	HSS 384	Anthropology of Tourism and Heritage	3
	HSS 490	Internship	6	HSS 401	Political History of the U.A.E.	3
				HSS 497	Senior Seminar: Modernity and Morality	3
	Total	15		Total	15	

Total = 131 Credit Hours

Note: As in the International Studies major, eligible Emirati Studies students may enroll in HSS 495 Honors Thesis I in semester 7 and HSS 496 Honors Thesis II in semester 8, thus adding 3 credit hours to their program

Department of Natural Science and Public Health

Introduction

The Department of Natural Science and Public Health (NSPH) offers a wide range of courses to meet the needs of a major in Environmental Science and Sustainability and in Public Health and Nutrition, and a minor in Applied Psychology, as well as a minor in Public Health. In addition, it offers the Bachelor of Science degree major in Psychology and Human Services; jointly with the College of Education. A growing research and outreach program is designed to focus on national needs in the United Arab Emirates, and faculty from Natural Science and Public Health also contribute to the Executive Masters in Health Care Administration.

Mission

NSPH course offerings aim to build a solid scientific foundation with particular focus on environmental science and sustainability, psychology, and public health and nutrition. The mission of the department is to provide a high quality learning experience, to nurture effective health and environment professionals, and to create opportunities for research and development that support national goals in health and environmental science.

Academic Program

The majors prepare graduates for careers in the rapidly developing U.A.E. health sector, as well as environmentally-related areas. Graduates from the programs have a strong scientific background combined with an excellent understanding of social and cultural factors affecting the environment, as well as public health matters. They are able to assume managerial and leadership roles in improving the health of U.A.E. citizens and have a good understanding of important global health and environmental issues.

Zayed University Learning Outcomes College

Coursework and out-of-class experiences provide opportunities for students to develop competency and to document achievement in the Zayed University Learning Outcomes (ZULOs). Student achievement in the Zayed University Learning Outcomes is assessed by instructors through the normal course assessment program. Advisors monitor student development and, during the fourth year, prior to internship, a team of major advisors and instructors assess ZULO achievement levels and readiness for internship. Demonstration of competencies in ZULOs related to the major are assessed as part of the senior project and through periodic assessments by instructors and advisors during the undergraduate program.

Major Learning Outcomes

NSPH graduates will accrue skills and assimilate knowledge and experiences to prepare graduates for the working environment, and graduate studies. The Department of Natural Science and Public Health has identified Program Learning Outcomes (PLOs for the BS in Environmental Science and Sustainability, as well as Major Learning Outcomes (MALOs) for the other two degrees that require demonstration of the following:

PLOs:

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.

MALOs:

- **Critical Thinking and Evidence Based Reasoning:**
NSPH graduates will be able to think critically, evaluate and use qualitative and quantitative information as well as apply evidence based reasoning to design investigations using a wide range of disciplines and perspectives.
Related ZULO: Critical Thinking and Quantitative Reasoning
- **Information Literacy:**
NSPH graduates will be able to comprehend and interpret appropriate information from multiple sources as well as effectively communicate professional advice and information relating to discipline specific issues.
Related ZULO: Information Literacy
- **Language:**
NSPH graduates will be able to communicate clearly and effectively in Arabic and English to a variety of audiences and make decisions about the use of discipline specific language to reflect the target audience while observing ethical standards.
Related ZULO: Language
- **Technological Competence and Application:**
NSPH graduates will be able to use a variety of discipline specific technological tools appropriately and ethically, evaluating which tool to use based on understanding of the technology and the task to be completed.
Related ZULO: Technological Literacy
- **Global Awareness:** NSPH graduates will be aware of discipline specific issues across their own and other cultures, perceiving and reacting to differences from an informed, professional and socially responsible point of view.
Related ZULO: Global Awareness
- **Professionalism:**
NSPH graduates will demonstrate responsible and ethical professionalism, leadership, and thoughtful communication of discipline specific information, as well as effective interaction to accomplish shared goals.
Related ZULO: Leadership

Assessment Protocols

Assessment will be conducted through a combination of written papers, practical projects, case studies, examinations, and the senior project. Assignments will endeavor to improve language and communication skills, demonstrate teamwork, and enhance critical thinking. Each student will be expected to play a leadership role in promoting issues related to their studies within the University.

NSPH Curriculum

The NSPH curriculum explores health, illness, and the environment from a wide range of perspectives. It combines biological and other sciences, social sciences, environmental analysis, and other disciplines to prepare future professionals who will be able to provide leadership and effective management. The two science-based majors in NSPH complete a common core of courses in science, and all majors in NSPH include an internship and senior project.

Majors

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 U.A.E.'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 major 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.

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 non-communicable 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.

Psychology and Human Services

NSPH and the College of Education jointly offer the B.S. with a major in Psychology and Human Services. This degree develops the skills necessary for entry-level service jobs in counseling needed by various sectors in the

U.A.E. 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 which 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 assessment, use of intervention strategies, and service learning.

Internship

The internship provides professional experience for NSPH students in a challenging but supportive working environment selected in consultation with the department. It enables students to enhance their interpersonal skills, increase self-confidence, and apply knowledge and skills gained at Zayed University. The internship offers students an opportunity to assess the suitability of a particular career or organization.

Senior Project

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 public health professional practice or research, psychology practice, or environmental science and sustainability practice. 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 when appropriate or beneficial.

Graduation Requirements

Students must complete at least the number of credit hours shown on the respective eightsemester plan for their degree and attain the standards specified by the College of Sustainability Sciences and Humanities.

Zayed University
College of Sustainability Sciences and Humanities
Bachelor of Science in Environmental Science and Sustainability
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Colloquium	3	COL 105	Career Exploration	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Emerging Civilizations	3	COL 155	Global Awareness II: Imperial Encounters	3
				COL 165	The Nature of Science Discovery	3
	Total		15	Total		18
Year 2	COL 230	Islamic Civilization II	3	BIO 201 and BIO 201L	Biological Concepts I	4
	COL 240	English Composition III	3	CHE 201 and CHE 201L	General Chemistry I	4
	COL 255	Emirates Studies	3	PHY 201 and PHY 201 L	General Physics I	4
	COL 260	Environmental Science	3	ENV 240	Principles of Environmental Sustainability	3
	COL 270	Introduction to Information Technology	3	ENV 240 AL	Arabic Lab I	1
	MTH 114	Mathematics for Science	3			
	Total		18	Total		16
Year 3	BIO 202 and BIO 202 L	Biological Concepts II	4	CHE 365 and CHE 365L	Fundamentals of Organic Chemistry	4
	CHE 202 and CHE 202 L	General Chemistry II	4	BIO 351 and BIO 351L	Ecology and Conservation Biology	4
	PHY 202 and PHY 202 L	General Physics II	4	BIO 372 and BIO 372L	Microbiology	4
	ENV 241	Earth Systems	3	ENV 360	Environmental Policy and Economics	3
	MTH 281	Probability and Statistics	3	ENV 371	Introduction to Environmental Health	3
	Total		18	Total		18
Year 4	HSC 466	Research Methods	3	ENV 490	Internship	6
	CHE 471 and CHE 471L	Environmental Chemistry	4	ENV 491	Senior Project	3
	ENV 470	Water and Solid Waste Management	3	ENV 477	Case Studies: Environmental Hazards	3
	ENV 470 AL	Arabic Lab II	1			
	ENV 474	Energy and Sustainability	3			
	Elective	Elective outside of major	3			
Total		17	Total		12	

Total = 132 Credit Hours

Zayed University
College of Sustainability Sciences and Humanities
Bachelor of Science in Public Health and Nutrition
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1			Semester 2		
			Credits			Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Colloquium	3	COL 105	Career Exploration	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Emerging Civilizations	3	COL 155	Global Awareness II: Imperial Encounters	3
				COL 165	The Nature of Science Discovery	3
			Total	15		Total
Year 2	COL 230	Islamic Civilization II	3	BIO 201 and BIO 201L	Biological Concepts I	4
	COL 240	English Composition III	3	CHE 201 and CHE 201L	General Chemistry I	4
	COL 255	Emirates Studies	3	HSC 210	Principles of Nutrition II	3
	COL 260	Environmental Science	3	HSC 267	Public Health I	3
	COL 270	Introduction to Information Technology	3	HSC 267 AL	Arabic Lab I	1
	HSC 205	Principles of Nutrition I	3	MTH 281	Probability and Statistics	3
			Total	18		Total
Year 3	BIO 321 and BIO 321L	Human Physiology	4	CHE 365 and CHE 365L	Fundamentals of Organic Chemistry	4
	CHE 202 and CHE 202L	General Chemistry II	4	HSC 316	Community Health and Nutrition	3
	HSC 307	Nutrition Across the Lifespan	3	HSC 367	Public Health II	3
	HSC 328	Diet Planning and Assessment	3	HSC 367 AL	Arabic Lab II	1
	HSC 366	Introduction to Epidemiology	3	HSC 412	Medical Nutrition Therapy I	3
				Elective	Elective outside of major	3
			Total	17		Total
Year 4	BIO 372 and BIO 372L	Microbiology	4	HSC 422	Nutrition and Health Counseling	2
	CHE 331	Biochemistry	3	HSC 318	Food Science	3
	HSC 466	Research Methods	3	HSC 490a	Internship	3
	HSC 323	Food Sanitation and Hygiene	2	HSC 491	Senior Project	3
	HSC 440	Medical Nutrition Therapy II	3			
	HSC 450	Planning and Evaluation in Health Promotion and Health Education	3			
			Total	18		Total

Total = 132 Credit Hours

Zayed University
College of Sustainability Sciences and Humanities
Bachelor of Science in Psychology and Human Services (joint with
College of Education)
Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1			Semester 2		
			Credits			Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Colloquium	3	COL 105	Career Exploration	3
	COL 130	Arabic Concepts	3	COL 135	Islamic Civilization I	3
	COL 140	English Composition I	3	COL 145	English Composition II	3
	COL 150	Global Awareness I: Emerging Civilizations	3	COL 155	Global Awareness II: Imperial Encounters	3
				COL 165	The Nature of Science Discovery	3
		Total		15		Total
Year 2	COL 230	Islamic Civilization II	3	COL 270	Introduction to IT	3
	COL 240	English Composition III	3	EDC 207	Infancy and Early Childhood	3
	COL 255	Emirates Studies	3	PSY 363	Social Psychology	3
	COL 260	Environmental Science	3	PSY 330	Personality and Individual Differences	3
	PSY 212	Introduction to Psychology	3	PSY 310	Introduction to Counseling	3
	PSY 212AL	Arabic Lab	1	EDC 307	Middle Childhood and Adolescence	3
		Total		16		Total
Year 3	EDC 366	Introduction to Research Methods	3	EDC 354	Communication Competence in English	3
	EDC 324	People with Special Needs	3	EDC 431	Partnership with Families and Communities	3
	EDC 368AL	Communicative Competence in Arabic	2	EDC 466 OR PSY 371	Marriage and the Family OR Organizational Psychology	3
	PSY 340	Mental Health and Psychological Disorders	3	PSY 321	Biological Basis for Behavior	3
	PSY 375	Health Psychology	3	PSY 410	Individual and Family Assessment	3
	Elective	Non-EDC and Non-PSY	3	PSY 325	Cognitive Psychology	3
		Total		17		Total
Year 4	EDC 367 OR EDC 407	Interventions with Children OR Adult Development and Aging	3	HSC 490/ EDC 492	Internship	6
	EDC 432	Professional Ethical and legal Issues	3	HSC 491/ EDC 499	Senior Project	3
	PSY 451	Seminar in Applied Psychology & Human services	3			
	Elective	EDC Elective	3			
	PSY 413	Psychological Interventions	3			
		Total		15		Total

Total = 126 Credit Hours

College of Technological Innovation

Degrees

Bachelor of Science (B.S.)

Major

Information Technology

Specializations

Security and Network Technologies

Enterprise Systems

Major

Information Systems and Technology Management (joint with College of Business)

Major

Multimedia Design (joint with College of Arts and Creative Enterprises and College of Communication and Media Sciences)

Minor

Minor in Information Systems

Minor in Interactive Social Computing

Master of Science (M.S.) in Information Technology

Specialization

Cyber Security

Certificates

Graduate Certificate in High Technology Crime Investigation

Graduate Certificate in Information Security

Faculty Listings

Dean: Zakaria Maamar (Acting)

Associate Dean: Andrew Marrington (Acting)

Assistant Deans for Student Affairs: Munir Majdalawieh (DXB) and Omar Al Fandi (AUH)

Assistant Dean for Research and Graduate Studies: May Al Taii

Professors: John Beachboard, John Gammack, Zakaria Maamar, Farhi Marir

Associate Professors: Monther Aldwairi, Omar Al Fandi, Mohamad Badra, Emad Bataineh, Maurice Danaher, May El Barachi, Hussein Fakhry, Andrew Marrington, Huwida Said, Abdullah Tubaishat

Assistant Professors: Dima AlHadidi, Feras Al-Obeidat, May Al Taii, Michelle Antero, Anoud Bani-Hani, Fatna Belqasmi, Philip Burton, Farkhund Iqbal, Asad Khattak, Jim Morey, Fatma Outay, Babar Shah, Thar Shamsa

Instructors: Kirk Dowsell, Gordon Graber

Introduction

Information technology is a dynamic discipline that addresses the innovative use of computing and information technology in business,

education, government, and other organizations. The scope of the discipline includes the

development of systems based on computer and information technology and the application of those systems to enhance enterprise operations. The innovative and entrepreneurial skills of information technology professionals is essential for effective operations in today's knowledgebased society.

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 the innovative application of information technology. It also seeks to develop a strong applied research capacity in emerging technologies directed toward meeting the IT needs of the Gulf region. The twofold mission of the college can be realized through the following goals:

Goal 1: Educate 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 U.A.E. national needs in IT by:

- actively seeking funding from the University, industry, and government agencies at all levels for research projects targeted to regional needs. hiring and encouraging research-active faculty;

- actively seeking funding from the University, industry, and government agencies at all levels for research projects targeted to regional needs. 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.

Academic Program

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.

The topics covered in CTI course work include:

- the role of information technology in global and Islamic society;
- the development of Internet business sites and electronic commerce;
- the role of information systems in business and government;
- fundamentals of computer programming, data analysis, and networking;
- database concepts, applications, and design;
- information systems analysis, design, and implementation; and
- information security, information assurance, and network security.

Zayed University Learning Outcomes College coursework and out-of-class experiences provide opportunities for students to develop competency and document achievement in the Zayed University Learning Outcomes (ZULOs). Student achievement in the ZULOs is assessed through the normal assessment process in each course.

Demonstration of competencies in ZULOs related to the major is assessed through periodic assessments by instructors and advisors during the undergraduate program.

Major Learning Outcomes and Assessment Protocols

The College of Technological Innovation has established six learning outcomes that complement the learning outcomes of the Zayed University Academic Program Model. These Major Learning Outcomes form the basis for analysis and assessment that play an essential role in the continuous process of improvement. The Major Learning Outcomes for the College of Technological Innovation are as follows:

- **Critical Thinking and Quantitative Reasoning in IT:** College of Technological Innovation graduates will be able to use critical thinking and quantitative processes to identify, analyze, and solve problems and evaluate solutions in an IT context.
- **Information Technology Application:** College of Technological Innovation graduates will be able to select existing and cutting-edge IT tools and procedures to develop modules and systems.
- **Information Technology Management:** College of Technological Innovation graduates will be able to assess and determine information resource requirements to develop solutions suitable for IT and business managers operating in a multinational and multicultural environment.
- **Information Technology Professional Practice:** College of Technological Innovation graduates will be able to work effectively in individual and group situations, understand how groups interact, assume a leadership role when required, and understand the fundamentals of professional and ethical conduct.
- **Information Technology Systems Theory and Practice:** College of Technological Innovation 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.
- **Technical Communication (Bilingual):** College of Technological Innovation graduates will be able to express themselves effectively and efficiently in both English and Arabic while using the correct IT terms for each language.

Assessment Protocols

The purpose of outcomes-based learning assessment is to improve the quality of learning and teaching in the College of Technological

Innovation. It is founded on the following fundamental principles:

- Student learning is the central focus of the college's efforts.
- Each student is unique and will express learning in a unique way.
- Students develop innovative and entrepreneurial skills.
- Students should become effective, independent, lifelong learners as a result of their educational experience.

Assessment of the CTI Major Learning Outcomes (MALOs) begins with the normal assessment process in the major courses that are taken by students. Each course defines course outcomes and relates these outcomes to the MALOs. Periodic assessment of the programs based on the students' achievement on the MALOs forms the basis for our program accreditation.

Admission Criteria

The college requires that the applicant for admission to the major must fulfill the following requirements for acceptance:

- satisfactory completion of 42 semester credit hours or more;
- attainment of a cumulative GPA of 2.0 or higher;
- achievement of grades of "C-" or better in COL 110, COL 111, COL 140, COL 145, and COL 240; and
- achievement of passing grades ("D" or better) in COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 220, COL 230, COL 255, COL 260, and COL 270.

In addition to the University requirements, the college strongly recommends that prospective CTI students obtain a grade of C or better in the pre-major IT course (s), relevant to their preferred IT specialization.

College of Technological Innovation Curriculum: Information Technology

The College of Technological Innovation major consists of 14 core IT courses (47 credit hours), and 11 specialization courses (33 credit hours), including elective options as specified by the specialization requirements

CIT 210	Intro to IT and Systems
CIT 225	Intro. To Programming/Problem Solving
CIT 235	Information Security Basics
CIT 300	Technical Communication
CIT 301	Technical Writing – Arabic
CIT 305	IT in Global/Local Cultures
CIT 306	IT in Global/Local Cultures – Arabic
CIT 360	Management of Information Systems
CIT 365	Database Systems
CIT 377	IT Project Management
CIT 460	Systems Analysis and Design
CIT 466	Data Analytics
CIT 480	IT Entrepreneurship
CIT 490	Internship
Plus	33 credits (11 courses) from one specialization, including elective courses as specified by the specialization study plan

Information Technology Specializations

Students select one of two specializations: Security and Network Technologies or Enterprise Systems.

Security and Network Technologies

This specialization 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.

CIT 215	Computing Foundations
CIT 245	Web Development
CIT 255	Networks and Telecommunications
CIT 315	Operating Systems Administration
CIT 320	Programming and Problem Solving
CIT 335	Information Security Technologies
CIT 350	Communication Networks I
CIT 355	Communication Networks II
CIT 430	Information Security Management
Plus	One CIT Elective
Plus	One Specialization Elective

The Security and Networking Technologies Specialization Electives are:

CIT 330	Ethical Hacking & Countermeasures
CIT 450	Communication Networks III
CIT 435	Digital Forensics Foundations
CIT 455	Wireless Sensor Networks

Enterprise Systems

This specialization prepares students for the latest enterprise application systems used in streamlining business processes within organizations.

CIT 261	Enterprise and InfoSys Foundations
CIT 361	Enterprise Systems
CIT 362	IT in Logistics and Supply Chain
CIT 375	Human Computer Interaction
CIT 369	Business Process Management
CIT 463	Enterprise Systems Development
CIT 468	IT Strategy and Governance
CIT 492	Emerging Tech. for the Enterprise
Plus	One CIT or BUS Elective
Plus	Two Specialization Electives

The Enterprise Systems Specialization Electives are:

CIT 371	Mobile Computing
CIT 372	Cloud Computing
CIT 378	Geographic Information Systems
CIT 400	Green Computing
CIT 430	Information Security Management
CIT 465	Knowledge Management

Curriculum: 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 major 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.

Curriculum: Multimedia Design

(Joint with College of Arts and Creative Enterprises and College of Communications and Media Sciences)

The Colleges of Technological Innovation, Communication and Media Sciences, and Arts and Creative Enterprises jointly offer the B.S. in Multimedia Design. Emphasis is on acquiring the knowledge and skills in information technology, public media, and the arts to 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 the design and management of live interactive

corporate media systems. The program draws equally on faculty strength in the three colleges that support it.

Curriculum: 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 (major).

CIT 360	Management of Information Systems
CIT 365	Database Systems
CIT 377	IT Project Management
CIT 378	Geographical Information Systems
CIT 460	Systems Analysis and Design
CIT 470	Applied Database Systems

Minor in Information Systems (18 credits)

Curriculum: 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.

CIT 245	Web Development
CIT 340	Computer Graphics
CIT 345	Multimedia Systems
CIT 375	Human Computer Interaction
CIT 371 or CIT 376	Mobile Computing Game Development
CIT 346 or CIT 440	Dynamic Web Development Enterprise Web Applications

Minor in Interactive Social Computing (18 credits)

Internship

Internship for academic credit is an important culminating event for students, and one that adds a significant workplace experience to their IT education. Students earn a minimum of six hours of academic credit for their internships during the final year. They gain valuable workplace experience related to their major specialization. Internships enable students to interact with experienced industry professionals.

Entrepreneurship Course and Senior Project

The IT Entrepreneurship and Senior Project courses together form a student culminating experience. Student working in teams complete an entrepreneurship project involving technology that further develops their innovation and creativity skill. Under the supervision of an advisor, and preferably industry representatives, students develop a business plan based on requirement analysis, feasibility study, design, and

prototyping. Teams present their business plan before faculty and industry representatives in an open forum. In the following semester, students incorporate the feedback they received during the Entrepreneurship course into their Senior Project.

All students must meet the University's graduation requirements. The graduation requirements for the College of Technological Innovation includes the completion of the eight-semester curriculum plan with a minimum cumulative GPA of 2.0, including the internship (CIT 490) and the senior culminating courses (CIT 480, CIT499).

Research

The faculty, students, and staff of the College of Technological Innovation are committed to conducting research in order to:

- discover new or improved applications of information, communications, and computing technologies;
- seek opportunities for further discoveries through the creation of synergistic partnerships with other researchers and institutions;

- transfer new and improved applications to businesses, government ministries, and educational institutions;
- include discoveries and applications in the education of students at Zayed University; and
- acquire professional growth and an individual sense of accomplishment.

Graduate Programs

For more information on graduate programs offered by the College Technological Innovation, see the "Graduate Programs" section.

Outreach and Engagement

The College of Technological Innovation participates in outreach and engagement activities coordinated by the Institute for Community Engagement.

Zayed University
College of Technological Innovation
Bachelor of Science in Information Technology
Specialization in Enterprise Systems
Eight-Semester Curriculum Plan
Recommended Sequence
Starting from Spring 2016

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Life Skills	3	COL 135	Islamic Civilization I	3
	COL 130	Arabic Concepts	3	COL 145	English Composition II	3
	COL 140	English Composition I	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
	COL 150	Global Awareness I: Human Geography	3	COL 165	The Nature of Science Discovery	3
		Total	15		Total	15
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 255	Emirates Studies	3
	COL 230	Islamic Civilization II	3	CIT 225	Introduction to Programming and Problem Solving	3
	COL 240	English Composition III	3	CIT 235	Information Security Basics	3
	COL 270	Introduction to Information Technology	3	CIT 300	Technical Communication	3
	CIT 210	Introduction to IT and Systems	3	CIT 301	Technical Writing (Arabic)	2
	CIT 261	Enterprise and Information Systems Foundations	3	CIT 360	Management of Information Systems	3
		Total	18		Total	17
Year 3	COL 260	Living Science: Health and Environment	3	CIT 305	IT in Global and Local Cultures	3
	CIT 361	Enterprise Systems	3	CIT 306	IT in Global and Local Cultures (Arabic)	2
	CIT 365	Database Systems	3	CIT 362	IT in Logistics and Supply Chain	3
	CIT 377	IT Project Management	3	CIT 369	Business Process Management	3
	Elective	CIT Specialization Elective I	3	CIT 460	Systems Analysis and Design	4
	CIT 375	Human Computer Interaction	3	Elective	CIT or BUS Elective	3
		Total	18		Total	18
Year 4	CIT 463	Enterprise Systems Development	3	CIT 468	IT Strategy and Governance	3
	CIT 466	Data Analytics	3	CIT 490	Internship	6
	CIT 480	IT Entrepreneurship	3	CIT 499	Senior Project	3
	CIT 492	Emerging Technologies for the Enterprise	3			
	Elective	CIT Specialization Elective II	3			
		Total	15		Total	12

Total = 128 Credit Hours

Zayed University
College of Technological Innovation
Bachelor of Science in Information Technology
Specialization in Security and Network Technologies
Eight-Semester Curriculum Plan
Recommended Sequence
Starting from Spring 2016

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Life Skills	3	COL 135	Islamic Civilization I	3
	COL 130	Arabic Concepts	3	COL 145	English Composition II	3
	COL 140	English Composition I	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
	COL 150	Global Awareness I: Human Geography	3	COL 165	The Nature of Science Discovery	3
		Total		15		Total
Year 2	COL 220	Entrepreneurship & Innovation	3	CIT 215	Computing Foundations	3
	COL 230	Islamic Civilization II	3	CIT 225	Introduction to Programming and Problem Solving	3
	COL 240	English Composition III	3	CIT 235	Information Security Basics	3
	COL 255	Emirates Studies	3	CIT 245	Web Development	3
	COL 270	Introduction to Information Technology	3	CIT 255	Networks and Telecommunications	3
	CIT 210	Introduction to IT and Systems	3	CIT 360	Management of Information Systems	3
		Total		18		Total
Year 3	CIT 300	Technical Communication	3	CIT 305	IT in Global and Local Cultures	3
	CIT 301	Technical Writing (Arabic)	2	CIT 306	IT in Global and Local Cultures (Arabic)	2
	CIT 315	Operating Systems Administration	3	CIT 335	Information Security Technologies	3
	CIT 320	Programming and Problem Solving	3	CIT 355	Communication Networks II	3
	CIT 350	Communication Networks I	3	CIT 377	IT Project Management	3
	CIT 365	Database Systems	3	Elective	CIT Elective	3
		Total		17		Total
Year 4	COL 260	Living Science: Health and Environment	3	CIT 490	Internship	6
	CIT 430	Information Security Management	3	CIT 499	Senior Project	3
	CIT 460	Systems Analysis and Design	4	Elective	CIT Specialization Elective	3
	CIT 466	Data Analytics	3			
	CIT 480	IT Entrepreneurship	3			
		Total		16		Total

Total = 128 Credit Hours

Zayed University
College of Technological Innovation
Bachelor of Science in Information Technology
Information Systems and Technology Management
(Joint with College of Business)
Eight-Semester Curriculum Plan
Recommended Sequence
Starting from Spring 2016

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 112	Mathematical Modeling for Business	3
	COL 120	Life Skills	3	COL 135	Islamic Civilization I	3
	COL 130	Arabic Concepts	3	COL 145	English Composition II	3
	COL 140	English Composition I	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
	COL 150	Global Awareness I: Human Geography	3	COL 165	The Nature of Science Discovery	3
		Total		15		Total
Year 2	COL 220	Entrepreneurship and Innovation	3	COL 255	Emirates Studies	3
	COL 230	Islamic Civilization II	3	BUS 309	Management Decision Sciences	3
	COL 240	English Composition III	3	CIT 225	Introduction to Programming and Problem Solving	3
	COL 270	Introduction to Info. Tech.	3	CIT 245	Web Development	3
	BUS 202	Financial Accounting	4	CIT 360	Management of Information Systems	3
	CIT 261	Enterprise and Information Systems Foundations	3	ECN 201	Foundations of Microeconomics	3
		Total	19		Total	18
Year 3	COL 260	Living Science: Health & Environment	3	CIT 235	Information Security Basics	3
	BUS 301	Management of People in Organizations	3	CIT 377	IT Project Management	3
	BUS 310	Introduction to Marketing	3	BUS 308	Introduction to Finance	3
	CIT 365	Database Systems	3	BUS 407	Language in the Workplace	3
	CIT 300	Technical Communication	3	BUS 407 AL	Arabic Lab II	1
	CIT 301	Technical Writing (Arabic)	2	BUS 413	Accounting Information Systems	3
		Total	17		Total	16
Year 4	Elective	CIT Elective	3	BUS 400* or BUS 402 or CIT 468	Strategic Management (AUH) or Strategic Management or IT Strategy and Governance	3 or 4 or 3
	CIT 460	Systems Analysis and Design	4	CIT 499	Senior Project	3
	CIT 466	Data Analytics	3	CIT/BUS 490**	Internship**	6/7
	CIT 480	IT Entrepreneurship	3			
	BUS 401	Business Leadership	3			
		Total	16		Total	12/13 /14

Total = 128/129/130 Credit Hours

[*BUS 400 Strategic Management (3 credit hours) for all students enrolled in Abu Dhabi

**CIT 490 is 6 credit hours; BUS internship is 7 credit hour]

Zayed University
College of Technological Innovation
Bachelor of Science in Information Technology
Specialization in Multimedia Design
(Joint with College of Art and Communication)
Eight-Semester Curriculum Plan
Recommended Sequence
Starting from Spring 2016

	Semester 1			Semester 2		
			Credits			Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions	3
	COL 120	Life Skills	3	COL 135	Islamic Civilization I	3
	COL 130	Arabic Concepts	3	COL 145	English Composition II	3
	COL 140	English Composition I	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
	COL 150	Global Awareness I: Human Geography	3	COL 165	The Nature of Science Discovery	3
				COL 255	Emirates Studies	3
		Total		15	Total	
Year 2	COL 220	Entrepreneurship & Innovation	3	COL 260	Living Science: Health and Environment	3
	COL 230	Islamic Civilization II	3	ART 251	Basic Design	3
	COL 240	English Composition III	3	COM 210	Media Storytelling I	4
	COL 270	Introduction to Information Technology	3	ARA 240	Media Storytelling in Arabic I	3
	ART 201	Principles of Design	3	CIT 210	Introduction to IT and Systems	3
	COM 280	Applied Digital Media	3	CIT 225	Introduction to Programming and Problem Solving	3
		Total		18	Total	
Year 3	ART 351	Graphic Design I	3	ART 376	Animation I	3
	ART 357	Designing for the Web I	3	COM 321	Video and Audio Production I	3
	ART 375	3D Modeling	3	CIT 345	Multimedia Systems	3
	COM 380	Web Design and Publishing	3	ART XXX OR CIT 305	ART history course OR IT in Global and Local Cultures	3
	CIT 255	Networks and Telecommunications	3	COM 240	Communication and Media Ethics	2
	CIT 375	Human Computer Interaction	3	COM 441	Communication and Media Law	2
		Total		18	Total	
Year 4	ARA 340	Media Storytelling in Arabic	3	COM 382	Multimedia Production	3
	ART 377	Animation II	3	Elective	400- level elective in ART, CIT, or COM that evidences a culminating experience	3
	CIT 376	Game Development	3	Elective	300- or 400- level elective other than ART, CIT, or COM	3
	CIT 371	Mobile Computing	3	ART 490 OR CIT 490 OR COM 490	Internship for CAS Students Internship for CIT Students Internship for CCMS Students	6 6 3
	Elective	300- or 400- level elective other than ART, CIT, or COM	3			
		Total		15	Total	

Total = 131/134 Credit Hours

Zayed University
College of Technological Innovation
Bachelor of Science in Technology and Education
(Joint with College of Education) Eight-Semester Curriculum Plan
(Recommended Sequence)

	Semester 1		Credits	Semester 2		Credits
Year 1	COL 110	Mathematical Modeling with Data	3	COL 111	Mathematical Modeling with Functions Or Mathematics Modeling for Business	3
	COL 120	Life Skills	3	COL 135	Islamic Civilization I	3
	COL 130	Arabic Concepts	3	COL 145	English Composition II	3
	COL 140	English Composition I	3	COL 155	Global Awareness II: Encounters: People, Places & Traditions	3
	COL 150	Global Awareness I: Human Geography	3	COL 165	The Nature of Science Discovery	3
				COL 270	Introduction to Information Technology	3
		Total	15		Total	18
Year 1	COL 230	Islamic Civilization II	3	CIT 225	Introduction to Programming and Problem Solving	3
	COL 240	English Composition III	3	CIT 235 OR CIT 255	Information Security Basics OR Networks and Telecommunications	3
	COL 255	Emirates Studies	3	CIT 245	Web Development	3
	COL 260	Living Science: Health & Environment	3	CIT 365	Database Systems	3
	COL 220	Entrepreneurship & Innovation	3	EDC 202	Human Development	3
	CIT 210	Introduction to IT and Systems	3	EDC 324	People with Special Needs	3
		Total	18		Total	18
Year 1	CIT 375	Human Computer Interaction	3	CIT 345	Multimedia Systems	3
	EDC 321	Classroom Management	3	EDC 351	Education Studies II: Instructional Strategies	3
	EDC 341	Learning English in Schools	2	EDC 351A	Practicum II	2
	EDC 350AL	Arabic Lab: Education Studies I: The Learner	2	EDC 354	Communicative Competence in English	3
	EDC 350	Education Studies I: The Learner	3	EDC 368 AL	Communicative Competence in Arabic	2
	EDC 350A	Practicum I	1	EDC 395	Teaching Computer Technology	3
	Elective	Non-CIT and Non-EDC Elective	3			
	Total	17		Total	16	
Year 1	CIT 305	IT in Global and Local Cultures	3	EDC 490	Student Teaching	12
	CIT 376	Game Development	3			
	EDC 450	Education Studies III: Curriculum Design	3			
	EDC 450A	Practicum III	2			
	EDC 460	Learning Technologies in the Classroom	3			
	EDC 465	Teaching Students with Special Needs	3			
		Total	17		Total	12

Total = 131 Credit Hours

The Institute for the Arabic Language (IAL)

Faculty Listings Acting Director: Elsayed Darwish

Acting Assistant Director: Hala Thabet

Professor: Elsayed Darwish

Assistant Professors: Al Faris Ali, Ali Kamel Al-Sharef, Hala Thabet, Hanaa Ismail, Hani Nasrullah, Khadija Alhumaid, Mohamed Abu Zeid, Mokhtar Boularaoui, Salah Darawsheh, Safaa Abou Taleb, Sawsan Al Skaf, Soad Matar

Instructors: Atteya Elnoor, Etidal Osman, Rasha Badr, Sayed El-Shinawi, Suha Karaki

Introduction

The vision of the IAL is to become a world center for research and practice in dealing with the advancement and reform of Arabic language teaching and learning methodologies at all levels of education. Drawing upon the most effective, research-based language acquisition pedagogies world-wide, the IAL is charged to modernize the teaching and learning methodologies for the Arabic language and the curricula to support them.

The Institute, through its educational and research missions, will be an important resource to assist the government of the U.A.E. and its federal and local agencies to implement the national strategy for the Arabic language. This strategy is aimed at creating a stronger national identity and sense of belonging and increasing the cultural understanding between the region and the world.

The Institute will feature an active research agenda that leads reestablishment of the centrality of the Arabic language among native speakers and makes it easier to learn by non-native speakers. The Institute will thus be a model for developing and practicing the most effective pedagogies in the teaching of Arabic language in a modern Arabic environment that benefits from the strategic location of the U.A.E..

The Institute fulfills an essential part of the mission of Zayed University: to graduate students who are able to communicate effectively and efficiently in both Arabic and English.

Mission

The Institute will identify and promote the effective use of Arabic in education for the enhancement of the social and economic development of the Arab World.

The Institute for the Arabic Language will have three major components:

- Developing teaching methodologies to improve the teaching of the Arabic language to native Arabic speakers;
- Teaching of Arabic language to non-native Arabic speakers; and
- Research into the teaching of the Arabic language and the development of new teaching and learning methods.

The Institute will develop and support a strong team of teachers and researchers from around the world who will work together to pioneer research and application in Arabic instruction methodologies, to expand literacy in Arabic and to advance the use of Arabic in all scientific and technological developments. The Institute will thus uniquely combine pioneering research and application of sociolinguistic developments with the advancement of Arabic literacy in the Arab World as well as globally.

Baccalaureate Curriculum

The institute is responsible for teaching the following undergraduate courses:

Colloquy Courses

COL 030-A	Remedial Arabic I
COL 030-B	Remedial Arabic II
COL130	Arabic Concepts
COL 130HT	Arabic for Heritage Students - Beginner
COL 130NL	Arabic for International, nonnative, Students – Beginner
COL 132HT	Arabic for Heritage Students – Beginner
COL 132NL	Arabic for International, nonnative, Students – Intermediate 1
COL 232NL	Arabic for International, nonnative, Students – Intermediate 2

Discipline-Specific Arabic Lab Courses

MMM xxx-AL1 Arabic Lab 1 for the various Majors
MMM xxx-AL2 Arabic Lab 2 for the various Majors

Arabic Content Courses in the Majors

The Institute for the Arabic Language

ARA 211	Masterpieces of Arabic Literature
ARA 222	Muslim Travelogue Literature
ARA 235	Principles of Translation
ARA 240	Media Story telling I

ARA 315	Advanced Arabic Professional Writing
ARA 335	Teaching Arabic Literacy
ARA 340	Media Story telling II
ARA 375	Public Speaking and Professional Presentation in Arabic
ARA 380	Modern Arabic Syntax

Graduate Programs:

The Institute is currently developing graduate programs in various areas related to its mission.

ARA 395	Media Translation Workshop
ARA 492	Technical Translation
ARA 495	Independent Study
ART 328	Cross Cultural Influences in Design
EDC 368	Communicative Competence in Arabic

Additionally, the Institute intends to establish Honors degrees and minors in Arabic within all colleges of the university in accordance with university policies.

Learning Outcomes

The objectives of the undergraduate courses taught by the IAL faculty are as follows:

1. Preparing the students to be bilingual by emphasizing the communicative skills of the Arabic language through the Colloquy program
2. Providing the necessary discipline-specific linguistic tools to help the students express their academic knowledge in Arabic through the Arabic lab program
- 3.

4. Enhancing the students' understanding of the technical and academic concepts of their chosen subjects through teaching content subjects in Arabic. Thus, students will leave the university as graduates who are better prepared for the work environment and who are able to communicate their university-acquired knowledge in Arabic to the rest of the society, thus benefiting the nation.

Center for Arabic Teaching (CAT):

Director: Elsayed Darwish

As part of the IAL, the Center for Arabic Teaching (CAT) offers for non-native speakers an Arabic language instructional program designed to meet a variety of personal and professional needs. The CAT features a state-of-the-art language laboratory and smart classroom equipment and technologies. CAT's programs include credit and non-credit courses.

The Center's courses meet the needs of nonnative Arabic speakers from abroad and those already residing in the U.A.E.. For overseas students, intensive programs to be delivered in the U.A.E. can be designed in coordination with foreign institutions. These programs enhance students' written and oral competence in Arabic through interactions in an Arabic-speaking environment. For the international community in the U.A.E., the Center offers continuing education courses and a series of elective and customized courses in translation, business Arabic, Arabic for diplomats and readings in the Quran.

For overseas students, the Center capitalizes on the richness of spoken Arabic varieties that exist in the U.A.E. by offering components of its programs in the preferred regional language surroundings. In this way, students from abroad will have access to a wide variety of Arabic language experiences.

The Institute for Islamic World Studies

Degrees

Master of Arts (M.A.) in Judicial Studies

Master of Arts (M.A.) in Contemporary Islamic Studies

Master of Arts (M.A.) in Endowment Studies

Master of Arts (M.A.) in Islamic Economics and Wealth Management

Master of Arts (M.A.) in Islamic World Studies

Faculty Listings

Interim Director: Tarak Abdallah

Acting Assistant Director: Mohamed Ashour

Professors: Hassanein Ali, Mostafa Dogim, Eltigani Hamid, Hamdy Hassan, Zeinab Ahmed

Associate Professors: Tarak Abdallah, Mohamed Ashour, Emam Attalla, Ilyas Balga, AbuBaker Ibrahim, Tarig Mohammed, Ahmed Salem, Said El Bousklaoui

Assistant Professors: Ahmed Al- Dawoody, Amr Mohamed, Bashir AbulQaraya, Eiman Khaleel, Fathi Haj Brahim, Hussein Hassan, Hammad Ibrahim, Kaltham Almajid, Mohamed El Youssefi, Ma'in Abu Baker, Walaaeldeen Ibraheem, Shereen Bacheer, Adnan Oweida, Noorah Mohammed

Introduction

The Institute for Islamic World Studies (IIWS) is a center of excellence in education and research on Islam and Islamic societies. IIWS engages in undergraduate and graduate education, community development, and scholarly work with the goal of enabling the next generation to deal effectively with the complex realities of the twenty-first century.

The primary tasks of IIWS are to provide a distinguished and creative academic environment that promotes the professional self-development of students and prepares them for a changing society. IIWS offers programs compatible epistemologically and methodologically with the latest achievements in humanities and social sciences.

The IIWS faculty presents a distinctive blend of social sciences, humanities, and Islamic studies, and the individual faculty members are well to educating the next generation. They teach the undergraduate Islamic Civilization courses at Zayed University, as well as the IIWS unique graduate programs.

The Institute for Islamic World Studies holds international conferences, conducts research, and publishes scholarly works. Fulfilling its educational and research mission, the institute will offer appropriate responses to local, regional, and global conditions.

Mission

The Institute for Islamic World Studies will develop and administer non-traditional Islamic studies programs related to the education and training of researchers, professionals, and community leaders from the U.A.E. and abroad. It will apply modern social sciences methods to study Islam and the Islamic world.

Baccalaureate Curriculum

The institute is responsible for teaching the following undergraduate courses:

COL135	Islamic Civilization I
COL 135NL	Islamic Civilization I for Non-Native Speakers
COL 230	Islamic Civilization II
COL 230NL	Islamic Civilization II for Non-Native Speakers
Col255	Emirates Studies
ISL 209	Contemporary Islamic World
ISL 210	Islamic Political Thought
ISL 495	Independent Study

Learning Outcomes

The objectives of the undergraduate courses taught by the IIWS faculty are as follows:

1. Deepening students' knowledge of various aspects of the Islamic Civilization and current conditions of the Islamic world.
2. Fixing firmly the sense of identity and building up a cosmic vision that places the Islamic identity within a wider global perspective containing all different civilizations and cultures.

Thus, students may gain better understanding of the traditions of their own culture and society 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.

Graduate Programs

For information on graduate programs offered by the Institute for Islamic World Studies, see the "Graduate Programs" section.

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 course-based 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.

Admission to Zayed University graduate programs is limited and competitive. Applicants meeting minimum entry qualifications are not guaranteed admission.

For selected programs, Zayed University partners with some of the world's leading educational institutions to bring new opportunities for advancement to U.A.E. students. Zayed University's master's degree programs are fully approved by the U.A.E. Ministry of Higher Education and Scientific Research. 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 also offers graduate certificate programs in which a student completes an approved set of credit-bearing graduate courses in order to address a specified objective. Graduate certificate programs are currently offered in health care administration, business administration, diplomacy and international affairs, high technology crime investigation, information security, tourism and cultural communication, and public relations.

For students satisfying admission criteria, Zayed University graduate certificates may be upgraded to the affiliated master's degree. Program descriptions, including admission and graduation requirements, for each of the graduate degree and certificate programs are provided in the following sections.

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 and certificates 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 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, EMHCA and EMPA) 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 are subject to an additional fee.
- Students who have completed the equivalent courses at other institutions at the tertiary level will 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 are subject to an additional fee.

- The language of instruction in all programs, except the Master of Arts in Islamic 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 80

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 is applying for.

The proficiency examination may be waived for applicants holding a baccalaureate degree from a university in which English is the language of instruction and which is located in a country where the principal language is English.

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 Higher Education and Scientific Research recognizing the degree must be submitted.
- **Essay**
Applicants, other than Master of Education degree applicants, are required to submit a 250-word essay stating how the degree will support the applicant's career goals. Essays should be submitted in typewritten form in English (or in Arabic for Arabic language programs). Applicants for the Master of Education programs must submit two essays in English, each limited to two typewritten pages. The first essay must describe the aptitude and motivation for graduate study in education, preparation for the field of study, academic plans, and future career goals. The second essay must explain how the applicant's personal background informs the decision to pursue the graduate programs in education. Applicants should include relevant educational, familial, cultural, economic or social experiences, challenges, or opportunities and discuss potential contributions to the improvement of education.

- **Writing Sample**
Applicants for Master of Arts in Communications and Master of Arts in Diplomacy and International Affairs programs must submit, in addition to the essay, a writing sample in English (preferably a technical document such as a report; an academic essay is also acceptable). The writing sample should be limited to five typewritten pages.
- **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. Download and complete the appropriate Confidential Letter of Recommendation form from the website: http://www.zu.ac.ae/main/en/graduate_programs/Admission_Fees.aspx. Both letters must be sealed and signed across the flaps and submitted to the Office of Graduate Studies.
- **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 have their own laptop computer no more than three years old. Applicants must be able to use email, the Internet, and Microsoft Word, OR be willing to develop technical expertise prior to the beginning of the program.

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 in typewritten form and as error free print in 12 pt. font. 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.

- Download and complete the appropriate Application for Graduate Program Admission form from the website: http://www.zu.ac.ae/main/en/graduate_programs/Admission_Fees.aspx
- Submit the completed application form and supporting documents by the published application deadline dates.

By hand:

In Abu Dhabi:

Zayed University
Abu Dhabi Campus
Office of Graduate Studies
Zayed University - Khalifa City West
Campus
Male Section, Gate 5, Office Nr. MF1-2-073
Abu Dhabi, U.A.E.

In Dubai:

Zayed University
Dubai Campus
Business Center
Dubai, U.A.E.

By mail/courier:

Office of Graduate Studies

Zayed University
P.O. Box 144534
Abu Dhabi, U.A.E.
Tel: +971-2-599-3605

- Applications will not be processed unless they are accompanied by all relevant documentation and the non-refundable application fee of AED 400. Certified photocopies of original documents are preferred to originals.

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 of 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. Students arriving in the United Arab Emirates on a tourist or any other service visa must exit the country in order to amend the issued visa or entry permit. A U.A.E. international student visa is normally valid for a period of 12 months and can be renewed on an annual basis. The student is responsible for all visa related fees. Students whose visa applications are rejected will incur costs associated with the visa application process. To apply for an international student visa, a student should submit to the Office of Graduate Studies the following:

- A passport copy
- Six passport-size photos
- A deposit of AED 2,000

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 has to 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 provided in the preceding sections.

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 "D" (with or without a plus sign) in a course taken as part of their graduate program must repeat the course. Until the student passes the course (grade of "C-" or better), the student may not enroll in any course for which the course is a Pre-requisite. When a course is repeated and passed, the passing grade replaces the "D" grade in calculating the student's grade point average. The prior "D" grade is still indicated on the student's academic transcript.

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, assistantships and benefits. 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 major 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; students with conditional or provisional admission are not eligible;
- must submit a complete admission application prior to the published application deadline; and,
- may not hold other major awards totaling AED 25,000 (excluding Zayed University GTA or GRA).

Award Determination Protocol

The Office of Graduate Studies computes a senior course grade point average (GPA) based on a standard 4.0 scale and standard Zayed University letter grade to quality point conversions by considering the last 60 credit hours (CH) of letter graded 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 as follows:

- 3.50 GPA < 3.70; 10% tuition costs
- 3.70 GPA < 3.85; 15% tuition costs
- 3.85 GPA; 20% tuition costs

Award Payment

Award payments will be credited to the recipient's Zayed University student account, pro-rated over the final 4 installments of the standard fee 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 major awards totaling AED 25,000 (excluding Zayed University GTA or GRA), or
- withdraws from the program, or
- takes leave, or
- is dismissed for academic or other reasons.

Award Approval

The award is normally offered at the time of admission and 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; students with conditional or provisional admission are not eligible, and
- may not hold other major awards totaling AED 25,000 (excluding Zayed University GTA or GRA), 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 final 4 installments of the standard fee 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 major awards totaling AED 25,000 (excluding Zayed University GTA or GRA), or
- withdraws from the program, or
- takes leave, or
- is dismissed for academic or other reasons.

Award Approval

The award is normally offered at the time of admission and 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.

Graduate Teaching Assistants enhance the learning experience of Zayed University undergraduate students by complementing the activities of the course instructor. GTA's receive training under the mentorship and supervision of the instructor. The GTA and the instructor share joint responsibility for ensuring that each understands the division of work responsibilities.

Duties

GTA duties may include but are not limited to:

- facilitating discussion sections or tutorials;
- holding weekly office hours;
- grading homework, exams or projects;
- distributing and copying reading materials; and,
- preparing answer keys or supplementary notes.

GTA recipients may be requested to attend the instructor's lecture regularly.

GRA duties may include but are not limited to:

- conducting literature reviews or library research;
- conducting interviews;
- collecting or analyzing data; and,
- preparing articles, reports or presentations.

GRA recipients assist and report to the faculty supervisor. GRA recipients are not independent researchers and are not directly responsible for the outcome of the research.

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.

The Office of Graduate Studies in collaboration with the Colleges and the University Library will provide a pre-experience workshop and orientation program for GTA and GRA recipients in fall and spring. Participation is mandatory for all graduate students receiving an appointment.

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 from the Office of Graduate Studies. As with most professional appointments the actual time worked/week may vary but the expectation is as follows:

- Full GTA, max. 20hrs/week/semester; compensation = AED 10,000/semester + 30% tuition costs
- Half GTA, max. 10hrs/week/semester; compensation = AED 5,000/semester + 30% tuition costs

Tuition credit is paid to the recipient's student account as 4 equal payments, pro-rated over the final 4 installments according to the standard schedule.

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

- Max. 20hrs/week; compensation = AED 60/hr.

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.

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 "exceeded 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 major (AED 25,000) scholarship award.
- 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 as 4 equal payments according to the standard schedule.
- Recipients are responsible for the application fee (AED 400), the 10% non-refundable 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 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 in Business Administration (EMBA)	AED 128,000
	Master of Management (M.M.): International Business	AED 128,000
	Master of Science (M.S.) in Finance	Closed Cohort
College of Communication & Media Sciences	Master of Arts (M.A.) in Communications Specialization in Tourism and Cultural Communication	AED 96,000
	Master of Arts (M.A.) in Communications Specialization in Strategic Public Relations	AED 96,000
College of Education	Master of Education (M.Ed.) Educational Leadership and Administration	AED 84,000
	Master of Education (M.Ed.) Specialization in Special Education	AED 84,000
	Master of Science (M.S.) in Teaching and Learning	AED 84,000
College of Sustainability Sciences and Humanities	Executive Masters in Health Care Administration (EMHCA)	AED 128,000
	Executive Masters in Public Administration (EMPA)	AED 128,000
	Master of Arts (M.A.) in Diplomacy and International Affairs	AED 128,000
College of Technological Innovation	Master of Science (M.S.) in Information Technology Specialization in Cyber Security	AED 96,000
Institute for Islamic World Studies	Master of Arts (M.A.) in Judicial Studies	Open Cohort

Master's Degree Programs

Graduate Certificate Programs		
College	Program	Cost
College of Business	Graduate Certificate in Business Administration	AED 40,000
College of Communication & Media Sciences	Graduate Certificate in Tourism and Cultural Communication	AED 32,000
	Graduate Certificate in Public Relations	AED 32,000
College of Sustainability Sciences and Humanities	Graduate Certificate in Health Care Administration	AED 40,000
	Graduate Certificate in Diplomacy and International Affairs	AED 60,000
College of Technological Innovation	Graduate Certificate in High Technology Crime Investigation	AED 40,000
	Graduate Certificate in Information Security	AED 40,000

College of Business

Executive Master's in Business Administration (EMBA)

Introduction

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.

Objective

The EMBA program prepares experienced managers for senior leadership roles in their organizations.

Learning Outcomes

Upon successful completion, graduates will have demonstrated in an interdisciplinary and integrative fashion the ability to:

- compete successfully in a global business environment;
- use business information systems appropriately;
- think critically, solve problems, and be creative;
- communicate effectively in the business environment; and
- use interpersonal skills in a business environment.

Faculty

The EMBA courses are taught by select professors who are academically qualified at the doctoral level and have professional experience in the business environment.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software. The curriculum of the EMBA program consists of the following twelve courses:

Year One

- BUS 663 Organizational Behavior and Leadership
- BUS 610 Accounting
- BUS 666 Managerial Economics
- BUS 640 Human Resource Management
- BUS 680 Marketing Management
- BUS 630 Corporate Finance

Year Two

- BUS 660 Entrepreneurship
- BUS 667 Operations Management
- BUS 668 International Law and Business Ethics
- BUS 6XX Prescribed Elective
- BUS 631 International Finance and Banking
- BUS 664 Global Business Strategy

Course Delivery Format

The format of delivery for the EMBA 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 normally conducted approximately every six weeks on a Thursday, Friday, and Saturday in full day sessions. 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. 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 will be exempted from this requirement.

College of Business

Master of Management (M.M.): International Business

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

Introduction

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.

Objective

The Master of Management (M.M.): International Business program prepares graduates for leadership roles in their organizations.

Learning Outcomes

The Master of Management (M.M.): International Business program aims to provide participants with both broad and in-depth knowledge of the skills, tools, and processes they need to adopt if they are to attain positions of leadership. Upon successful completion of the Master of Management (M.M.): International Business program, graduates will have demonstrated in an interdisciplinary and integrative fashion, the ability to:

- compete successfully in a global business environment;
- use business information systems appropriately;
- think critically, solve problems, and be creative; environment; and,
- use interpersonal skills in a business environment.

Faculty

Courses are taught by select professors who are academically qualified at the doctoral level and have professional experience.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software. The curriculum of Master of Management (M.M.): International Business program consists of the following twelve courses:

Year One

- BUS 663 Organizational Behavior and Leadership
- BUS 610 Accounting
- BUS 666 Managerial Economics
- BUS 640 Human Resource Management
- BUS 680 Marketing Management
- BUS 630 Corporate Finance

Year Two

- BUS 669 Cross Cultural Management
- BUS 667 Operations Management
- BUS 668 International Law and Business Ethics
- BUS 6XX Prescribed Elective
- BUS 631 International Finance and Banking
- BUS 664 Global Business Strategy

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: 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.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

College of Business

Master of Science (M.S.) in Finance

The Master of Science (M.S.) in Finance program is not currently available for open enrollment.

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

College of Business

Graduate Certificate in Business Administration

Introduction

The Graduate Certificate in Business Administration is a general management program which is firmly grounded in the functional areas of the business enterprise. It comprises the first four courses of the Executive Masters in Business Administration degree and in most cases the program can be completed within nine months.

Objective

The objective of the graduate certificate program is to give experienced managers access to selected graduate courses that will further enhance their ability to provide leadership in their organizations.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- understand management issues associated with business organizations;
- use routine accounting information for effective decision making;
- have a framework for making critical human resource management decisions; and
- understand the issues surrounding the management of organizational financial resources.

Faculty

The graduate certificate courses are taught by select professors who are academically qualified at the doctoral level and have acquired professional experience in the business environment.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software. The curriculum of the Graduate Certificate in Business Administration program consists of the following four courses:

- BUS 663 Organizational Behavior and Leadership
- BUS 610 Accounting
- BUS 666 Managerial Economics
- BUS 640 Human Resource Management

Course Delivery Format

Faculty members utilize a mix of in-classroom and technology-mediated instruction that accommodates working graduates. The in-classroom instruction for each course is normally conducted approximately every six weeks on Thursday, Friday, and Saturday in full day sessions. 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. 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 graduate certificate program.

Graduate Certificate in Business Administration program applicants are required to have a basic knowledge of accounting, finance, economics and statistics prior to gaining entry into the 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.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate certificate.

Articulation to Executive Masters in Business Administration (EMBA)

Courses successfully completed with a "B" or higher grade may be transferable into the affiliated Zayed University master's degree program; however, admission into the Graduate Certificate in Business Administration program does not guarantee admission into the Executive Masters in Business Administration program. Students, if admitted, must request transfer of completed graduate certificate course credits to the master's degree program requirement.

College of Communication and Media Sciences

Master of Arts (M.A.) in Communications

Specialization in Tourism and Cultural Communication

Introduction

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 Specialization in Tourism and Cultural Communication program. This distinctive combination of communication and tourism capitalizes on proven graduate studies formulas at the best international institutions which offer communication and/or tourism degrees at the graduate level.

The Master of Arts in Communications Specialization in Tourism and Cultural Communication program will equip participants to be future leaders in the tourism industry. Upon successful completion of the program, graduates will be able to:

- apply current communication and media theories and skills for promoting tourism and culture locally and globally;
- create legal, ethical, and environmentally sustainable practices in the development of tourism and culture locally and globally;
- identify the role played by social and digital media in tourism and heritage related industries;
- develop strategies for integrated marketing communication campaigns in tourism and cultural communication based on organizational objectives;
- describe the role of communication in local tourism, culture and heritage endeavors, with a particular emphasis on U.A.E.; and
- demonstrate critical, analytical and research competence in the study of communications and media as they relate to tourism and heritage related industries.

Faculty

The graduate program courses are taught by select faculty from Zayed University who are academically qualified at the doctoral level and have international research experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar that offers a number of workshops to introduce students to

the University and its resources, the program and communication and virtual classroom software such as Blackboard Learn and Collaborate, MS Outlook, Extranet, and Bannerweb.

The Master of Arts in Communications Specialization in Tourism and Cultural Communication curriculum offers students a choice between two study tracks:

Option 1

- COM 501 Foundations of Communication Studies
- COM 502 Introduction to Communication Research
- COM 520 Tourism Principles and Practices
- COM 522 Tourism Communication
- COM 504 Cross Cultural Communication
- COM 506 Understanding Consumer Trends
- COM 521 Strategic Planning and Development
- COM 523 Event and Festival Planning and Promotion
- COM 525 Tourism in the U.A.E. and MENA Region
- COM 550 Applied Research Seminar
- COM 551 Advanced Research Project I
- COM 552 Advanced Research Project II

Option 2

- COM 501 Foundations of Communication Studies
- COM 502 Introduction to Communication Research
- COM 520 Tourism Principles and Practices
- COM 522 Tourism Communication
- COM 504 Cross Cultural Communication
- COM 506 Understanding Consumer Trends
- COM 521 Strategic Planning and Development

- COM 523 Event and Festival Planning and Promotion
- COM 525 Tourism in the U.A.E. and MENA Region
- COM 550 Applied Research Seminar
- COM 507 Social and Digital Media Strategies
- COM 527 Cultural Heritage and Tourism Comprehensive Exam

Course Delivery Format

The format for delivering the Master of Arts (M.A.) in Communications Specialization in Tourism and Cultural Communication program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. Faculty members utilize a mix of in-classroom and distance learning instruction that accommodates working graduates. The program consists of 12 six-week courses delivered over a 24-month time period. The in-classroom instruction for each course is conducted during two evenings in the week over the six-week period.

The degree program takes an integrated approach to advanced academic study that enables students to relate their course work to their daily professional activities. Assessment will be continuous throughout the program, using a combination of case studies, research projects, written papers, and presentations and relying on both formal and informal faculty and peer-review activities.

Each student's program of study (Option 1) will culminate in a significant piece of research, preferably tied to their current professional duties. The advanced research project will be evaluated through established procedures of faculty committee review. Option 2 requires a final comprehensive exam that tests students on the knowledge they gained in their field of study.

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.

Applicants selecting Option 1 must submit a proposal.

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.

Graduation Requirements

Graduate students must maintain a minimum grade point average of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

College of Communication and Media Sciences ***Master of Arts (M.A.) in Communications*** ***Specialization in Strategic Public Relations***

Introduction

The Master of Arts in Communications Specialization 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.

Objective

The courses will equip graduates with the professional knowledge and skills to take strategic management and executive roles in communications and public relations in both the public and private sector organizations.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- apply the theories and concepts of communication and public relations relating to the discipline's practices in local and international contexts;

- analyze contemporary public relations problems both in local and international contexts and solve the problems considering the ethical perspectives and strategies;
- demonstrate strategic level analysis and critical thinking in public relations programs of an organization;
- develop, implement, and evaluate knowledge driven strategic public relations plan of an organization;
- design and conduct public relations research and implement findings to achieve strategic goals of the organization; and
- demonstrate the ability to use technology in public relations program design and implementation in regional and global contexts.

Faculty

The graduate program courses are taught by select faculty from Zayed University who are academically qualified at the doctoral level and have international research experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar that offers a number of workshops to introduce students to the University and its resources, the program and communication and virtual classroom software such as Blackboard Learn and Collaborate, MS Outlook, Extranet, and Bannerweb.

The Master of Arts in Communications Specialization in Strategic Public Relations curriculum offers students a choice between two study tracks:

Option 1

- COM 501 Foundations of Communication Studies
- COM 502 Introduction to Communication Research
- COM 510 Public Relations Principles and Practices
- COM 511 Advanced Writing for Communications
- COM 504 Cross Cultural Communication Applications
- COM 506 Understanding Consumer Trends
- COM 512 Strategic Public Relations
- COM 513 Corporate Social Responsibility and Ethics

- COM 514 Internal Communications
- COM 550 Applied Research Seminar
- COM 551 Advanced Research Project I
- COM 552 Advanced Research Project II

Option 2

- COM 501 Foundations of Communication Studies
- COM 502 Introduction to Communication Research
- COM 510 Public Relations Principles and Practices
- COM 511 Advanced Writing for Communications
- COM 504 Cross Cultural Communication Applications
- COM 506 Understanding Consumer Trends
- COM 512 Strategic Public Relations
- COM 513 Corporate Social Responsibility and Ethics
- COM 514 Internal Communications
- COM 550 Applied Research Seminar
- COM 507 Social and Digital Media Strategies
- COM 515 Crisis and Risk Management Communication Comprehensive Exam

The Master of Arts in Communications Specialization in Strategic Public Relations takes an integrated approach to advanced academic study that enables students to relate their course work to their daily professional activities. Each student's program of study (Option 1) will culminate in a significant piece of research, which could be linked to their current workplace. Option 2 requires a final comprehensive exam that tests students on the knowledge they gained in their field of study.

Course Delivery Format

The format for delivering the Master of Arts in Communications Specialization in Strategic Public Relations program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. Faculty members utilize a mix of in-classroom and distance learning instruction that demonstrates the flexibility needed to accommodate experienced working graduate students. The in-classroom instruction for each course is conducted during two evenings in the week over the six-week period.

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 program.

Applicants selecting Option 1 must submit a proposal.

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.

Graduation Requirements

Graduate students must maintain a minimum grade point average of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

College of Communication and Media Sciences ***Graduate Certificate in Tourism and Cultural Communication***

Introduction

The Graduate Certificate in Tourism and Cultural Communication program comprises the first four courses of the Master of Arts (M.A.) in Communications Specialization in Tourism and Cultural Communication program and in most cases the program can be completed within twelve months. The Graduate Certificate program meets the needs of those who have earned a baccalaureate degree and wish to obtain a foundation in tourism communication without committing to a full master's program. It also offers the opportunity for students to continue on to complete the full master's degree program.

Objectives

The Graduate Certificate in Tourism and Cultural Communication program will provide an introduction to tourism communication and enable students to gain core knowledge and skills to prepare them for a new career area or a specialization within the tourism industry.

Learning Outcomes

The Graduate Certificate in Tourism and Cultural Communication program will prepare participants to meet the growing demand for qualified tourism professionals. Graduates will be able to:

- apply current communication and media theories and skills for promoting tourism and culture locally and globally;
- create legal, ethical, and environmentally sustainable practices in the development of tourism and culture locally and globally;

- identify the role played by social and digital media in tourism and heritage related industries;
- develop strategies for integrated marketing communication campaigns in tourism and cultural communication based on organizational objectives;
- describe the role of communication in local tourism, culture and heritage endeavors, with a particular emphasis on U.A.E.; and
- demonstrate critical, analytical and research competence in the study of communications and media as they relate to tourism and heritage related industries.

Faculty

The graduate program courses are taught by select professors from Zayed University who are academically qualified at the doctoral level and have diverse international research experience.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software.

The Graduate Certificate in Tourism and Cultural Communication curriculum consists of the following four courses for a total of 12 credits for the graduate certificate:

- COM 501 Foundations of Communication Studies

- COM 502 Introduction to Communication Research
- COM 520 Tourism Principles and Practices
- COM 522 Tourism Communication

Course Delivery Format

The format for delivering the Graduate Certificate in Tourism and Cultural Communication program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. Faculty members utilize a mix of in-classroom and distance learning instruction that accommodates working graduates. The in-classroom instruction for each course is conducted during two evenings in the week over the six-week period.

The Graduate Certificate in Tourism and Cultural Communication takes an integrated approach to advanced academic study that enables students to relate their course work to their daily professional activities. Assessment will be continuous throughout the program, using a combination of case studies, research projects, written papers, and presentations and relying on both formal and informal faculty and peer-review activities.

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 certificate program.

Candidates do not need an undergraduate degree in communication to pursue a graduate certificate 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.

Graduation Requirements

Graduate students must maintain a minimum grade point average of 3.0 in course work taken in fulfillment of the requirements of a graduate certificate program.

Articulation to Master of Arts (M.A.) in Communications Specialization in Tourism and Cultural Communication

Courses successfully completed with a “B” or higher grade may be transferable into the affiliated Zayed University master’s degree program; however, admission into the Graduate Certificate in Tourism and Cultural Communication program does not guarantee admission into the Master of Arts in Communications program. Students, if admitted, must request transfer of completed graduate certificate course credits to the master’s degree program.

College of Communication and Media Sciences Graduate Certificate in Public Relations

Introduction

The Graduate Certificate in Public Relations consists of the first four courses of the Master of Arts in Communications Specialization in Strategic Public Relations program and in most cases the program can be completed within twelve months. The program is designed for graduate students who may or may not be in a job that involves public relations and who initially might not want to commit to a full master’s degree program.

Objective

The Graduate Certificate in Public Relations provides the basic concepts of public relations and enables graduate students to gain the knowledge and skills required to develop careers as public relations practitioners and professionals.

Learning Outcomes

Graduates will be able to:

- apply the theories and concepts of communication and public relations relating to the discipline’s practices in local and international contexts;
- analyze contemporary public relations problems both in local and international contexts and solve the problems considering the ethical perspectives and strategies;
- demonstrate strategic level analysis and critical thinking in public relations programs of an organization;
- develop, implement, and evaluate knowledge driven strategic public relations plan of an organization;
- design and conduct public relations research and implement findings to achieve strategic goals of the organization; and

- demonstrate the ability to use technology in public relations program design and implementation in regional and global contexts.

Faculty

The graduate program courses are taught by select professors from Zayed University who are academically qualified and have diverse international research experience.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software.

The Graduate Certificate in Public Relations curriculum consists of the following four courses for a total of 12 credits for the graduate certificate:

- COM 501 Foundations of Communication Studies
- COM 502 Introduction to Communication Research
- COM 510 Public Relations Principles and Practices
- COM 511 Advanced Writing for Communications

Course Delivery Format

The format for delivering the Graduate Certificate in Public Relations program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. Faculty members utilize a mix of in-classroom and distance learning instruction that demonstrates the flexibility needed to accommodate experienced working graduates. The in-classroom instruction for each course is conducted during two evenings in the week over the six-week period.

The Graduate Certificate in Public Relations takes an integrated approach to advanced academic study

that enables students to relate their course work to their daily professional activities. Assessment will be continuous throughout the program, using a combination of case studies, research projects, written papers, and presentations and relying on both formal and informal faculty and peer-review activities.

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 certificate program.

Candidates do not need an undergraduate degree in communication to pursue a graduate certificate 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.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate certificate program.

Articulation to Master of Arts (M.A.) in Communications Specialization in Strategic Public Relations

Courses successfully completed with a "B" or higher grade may be transferable into the affiliated Zayed University master's degree program; however, admission into the Graduate Certificate in Public Relations program does not guarantee admission into the Master of Arts in Communications program. Students, if admitted, must request transfer of completed graduate certificate course credits to the master's degree program.

College of Education

Master of Education (M.Ed.)

Educational Leadership and Administration

Introduction

The Master of Education (M.Ed.) Educational Leadership and Administration program offered in partnership with College of Education, University of Washington (Seattle, Washington, USA) is designed to meet the needs and interests of school leaders and those aspiring to lead in the many dynamic fields associated with education such as principals and vice-principals in public schools, Educational Zones, and educational agencies. Designed on an outcomes-based learning model, the program ensures that students graduate with the ability to apply best practice in educational leadership to meet the changing needs of students in the 21st century.

Leaders' work in education involves engagement in a rapidly changing world. Central to the vision of Zayed University's College of Education is the belief that faculty and students should assert moral, ethical, and professional leadership that contributes to the transformation of education to meet the needs of the United Arab Emirates. This vision aligns with the goal of the United Arab Emirates to ensure quality education for all U.A.E. nationals.

The College of Education expects all graduate students to demonstrate professionalism, to understand and use the professional knowledge base appropriately, to develop cultural responsiveness, and to demonstrate global awareness.

Objective

Through a commitment to academic excellence, the Master of Education (M.Ed.) Educational Leadership and Administration program seeks to develop highly competent, confident, and professional leaders in education who are prepared to assume positions of responsibility, contribute to an improved future for all students, and strengthen and modernize the educational system of the United Arab Emirates.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- take leadership roles in developing effective educational environments;
- develop leadership skills and strategies that ready candidates to influence policy on education and school leadership;

- apply current, credible learning theory and approaches to assessment that informs curriculum and program evaluation;
- use planning and change theory to implement and manage meaningful educational reform and development;
- strategically plan for and use resource allocations and human resources;
- explain principles and practices in community partnership, effective communication; and interpersonal relationships to inform practice, development, and public relations;
- manage information to inform practice and development; and
- design inquiry that draws upon school leaving data on student achievement, attendance, and engagement with school to make data driven decisions to support school improvement.

Faculty

The graduate courses are taught by select professors from Zayed University and partner university faculty who are academically qualified at the doctoral level and have diverse international research experience.

Curriculum

Prior to formal coursework, students participate in an orientation program that introduces them to the nature and requirements of the program, some of the major issues involved in being a graduate student, the facilities offered in the program such as the library, online databases, the Curriculum Resource Center, academic reading and writing preparation, and ways of communicating with faculty. During this orientation students form small, informal working teams to provide support for each other during the entire program.

The Master of Education (M.Ed.) Educational Leadership and Administration program is delivered over a 24-month time frame. The curriculum consists of 4 core courses, 7 specialization courses and a choice between an action research study and an internship which may be done internationally.

Core Courses

- EDC 650 Science of Cognition and Learning
- EDC 601 Introduction to Educational Research
- EDC 604 Statistics in Education and Human Services
- EDC 635 Assessment and Evaluation

Specialization Courses

- EDC 637 Human Performance and Resource Management
- EDC 636 Educational Improvement and Systemic Change
- EDC 653 Curriculum and Standards in an International Context
- EDC 655 Students, Community and Community Services
- EDC 632 Strategic Leadership in Education
- EDC 640 The Learning Organization
- EDC 654 Leadership, Entrepreneurship and Learning

Culminating Experience Options Action Research

- EDC 602 Engaging in Educational Research

The research will be completed in the participant's work place to study an issue of importance in the school or classroom and rooted in leadership. The participants will make a public presentation of their research findings.

Or

Internship/Study Abroad

- EDC 699 Graduate Internship

College of Education Master of Education (M.Ed.) Specialization in Special Education

Introduction

The Master of Education (M.Ed.) Specialization in Special Education program is designed for experienced teachers, administrators, and other educators who wish to expand their knowledge

Participants will engage in some internship hours attached to specific coursework and should apply for the final internship. Participants will be assigned a faculty member (as a Zayed University supervisor) and a school leader to mentor the student during the internship. The Zayed University supervisor in collaboration with the mentor will identify leadership and school-based opportunities that will align with learning outcomes required in the internship and reflect the career aspirations of participants. Participants will make a public presentation of their internship experience and demonstrate their achievement in meeting the graduate program learning outcomes.

An international internship (study abroad opportunity) is possible by arrangement (the expenses will be borne by the candidate).

Course Delivery Format

Each of the courses is offered during either a six to eight week period or an intensive period. Each course includes face-to-face instruction, in addition to out-of-class activities conducted independently or through technology applications that complement the course interactions. All courses are based on 15 contact hours per credit. Approximately one third of the class meetings in every course is offered in Abu Dhabi, one third in Dubai, and one third is delivered on-line via Blackboard Collaborate.

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.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work and complete a final project in fulfillment of the requirements of a graduate degree.

and assume leadership roles in the education

of the community and who are committed to students with special needs within the United Arab Emirates. The emphasis is on serving

individuals with disabilities. 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 educate professionals who are committed to creating and expanding opportunities for individuals with special needs. The program focus is on preparing participants who have responsibility for making decisions in and out of the classroom that will contribute to the future of people with special needs.

Objective

Through a commitment to academic excellence, the Master of Education Specialization in Special Education program develops highly qualified, confident, and professional graduates who advance the education and create as well as expand opportunities for persons with special needs.

Learning Outcomes

The Master of Education Specialization in Special Education program prepares participants who understand both special and inclusive education. Graduates are also prepared to work in the K-12, university, or adult settings. More specifically, graduates will understand, investigate, and be able to apply, analyze, synthesize, and evaluate:

- the similarities and differences in human growth and development and how disabilities may influence that growth and development;
- current, credible learning theory and how special needs affect learning in school and throughout life;
- learning and work environments that encourage independence and self-motivation through appropriate interventions;
- current trends and issues, including collaboration with families, other educators, service providers, and community agencies;
- research and use of data to evaluate and improve programs for individuals with special needs at all stages of their lives;
- inclusion in classes and work settings;
- typical and atypical language development in the primary and/or second languages and individualized strategies to enhance communication skills, including the use of assistive technologies;
- sensory disabilities including vision and hearing;
- long-range individualized instructional and transition plans and shorter-range goals and

objectives;

- multiple types of assessment and information necessary to identify learning and work needs; and
- planning, policy, and management including accommodations, organizations, and the impact and strategic use of resource allocation and human resources.

In addition, special educators are expected to have the skills to:

- work collaboratively;
- apply and assess current technologies for educational improvement;
- examine current research and development in a range of settings, including the U.A.E., that inform best practice in educational leadership;
- manage ongoing change and foster collaboration in the educational community;
- manifest a professional code of ethics and values;
- assume stewardship of the vision of the educational organization; and
- accept responsibility for the improvement of the educational setting for all learners.

Faculty

The graduate courses are taught by select professors from Zayed University who are academically qualified at the doctoral level and have diverse international research experience.

Curriculum

Prior to formal coursework, students participate in an orientation program that introduces them to the nature and requirements of the program, some of the major issues involved in being a graduate student, the facilities offered in the program such as the library, online databases, the Curriculum Resource Center, academic reading and writing preparation, and ways of communicating with faculty. During this orientation students form small, informal working teams to provide support for each other during the entire program.

The Master of Education (M.Ed.) Specialization in Special Education curriculum consist of 11 courses for a total of 36 credits for the master's degree. The curriculum consists of the following courses:

- EDC 601 Introduction to Educational Research
- EDC 602 Models of Educational Research

- EDC 695 Research Seminar
- EDC 641 Foundations of Exceptionality
- EDC 642 Learning Disorders: Practices and Strategies
- EDC 643 Behavioral Disorders: Practice and Strategies
- EDC 644 Language Development and Communication
- EDC 645 Identification and Assessment of People with Special Needs
- EDC 646 Implementing Inclusive Education
- EDC 647 Policy, Planning, and Management for Special Needs
- EDC 648 Trends and Issues in Special Education

Course Delivery Format

Each of the courses will be offered during either a six to eight week period or an intensive period. Each course includes face-to-face instruction,

in addition to out-of-class activities conducted independently or through technology applications that complement the course interactions. Approximately one third of the class meetings in every course is offered in Abu Dhabi, one third in Dubai, and one third is delivered on-line via Blackboard Collaborate.

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.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work and complete a final project in fulfillment of the requirements of a graduate degree.

College of Education ***Master of Science (M.S.) in Teaching and Learning***

Introduction

The Master of Science (M.S.) in Teaching and Learning program is designed to enhance the knowledge and skills of practicing professional teachers. The master's degree is for experienced teachers who want to learn the best of what research shows about the science and practice of learning and teaching. Research shows that the quality of a student's teacher affects that student through a lifetime. Today's school reform has shifted attention from how teachers teach to how students learn and what teachers must know and be able to do to facilitate student learning. Teachers must understand student development and how students learn. Qualified teachers are the key to economic success of any country. Teachers have need for continuous renewal of teaching skills and expertise. In particular, teachers need to upgrade their knowledge regarding what the World Bank (2008) calls transversal skills that will enable secondary school graduates to adapt to changes in society and the labor market. Teaching these skills requires a paradigm shift in pedagogy to include "inquiry-based learning and the adaptation of teaching to the learning capacity of individual students" and the new pedagogy requires new competencies of teachers.

The Master of Science in Teaching and Learning is a professional degree that incorporates research about the practice of teaching and how students learn. Students who complete the degree will be prepared to be teacher leaders, professional development leaders, or supervisors/technical assistance providers in their school. The program is based on the best of what is known from research about how students learn and pedagogical processes.

Objective

Through a commitment to academic excellence, the Master of Science in Teaching and Learning program develops highly competent, confident, and professional graduates who are prepared to be accomplished teachers and to contribute to effective schooling.

Learning Outcomes

The program will prepare teachers who can:

- analyze learner characteristics that influence student development and academic achievement;
- consider various theories of learning and review research on brain-based learning;

- understand/investigate the professional practice as the critical link between standards, assessments, and student achievement of outcomes;
- evaluate curriculum options and the linkages between assessment-based curriculum and instructional strategies;
- examine differentiated instruction for students with special needs;
- investigate instructional reading strategies, literacy materials, and assessment approaches in K-12 reading education;
- explore and practice teaching strategies for appropriate subject fields including development of activities, materials, lesson plans, and micro-teaching for higher-order thinking skills;
- apply concepts, techniques, and theories learned in courses to classroom settings;
- enhance learning through activities and methodologies that engage all sensory modalities;
- integrate learning across curriculum areas; and
- facilitate student inquiry skills and student ownership and direction in their own learning.

In addition, accomplished teachers are expected to have the skills to:

- work collaboratively;
- apply and assess current technologies for educational improvement;
- examine current research and development in a range of settings, including the U.A.E., that inform best practice in teaching;
- manifest a professional code of ethics and values;
- assume stewardship of pedagogical processes and assessment; and
- accept responsibility for the improvement of the educational setting for all learners.

Faculty

The graduate courses are taught by select professors from Zayed University and partner university faculty who are academically qualified at the doctoral level and have diverse international research experience.

Curriculum

Prior to formal coursework, students participate in an orientation program where they are introduced to the nature and requirements of the program, some of the major issues involved in being a graduate student, the facilities offered in the program such as the library, online databases and other resources, the Curriculum Resource Center, the Graduate Writing Center, academic reading and writing preparation, and ways of communicating with faculty. During this orientation students form small, informal working teams to provide support for each other during the entire program.

The Master of Science in Teaching and Learning curriculum consist of 10 courses delivered over a 24-month time frame. The curriculum consists of the following courses:

- EDC 650 Science of Cognition and Learning
- EDC 661 Implementing a Research-based Framework for Education
- EDC 665 Teaching in a Complex World
- EDC 662 Using Technology in the Classroom
- EDC 663 Using Assessment for Learning
- EDC 664 The Intersection of Development and Learning
- EDC 646 Implementing Inclusive Education
- EDC 668 Developing the School as a Learning Community
- EDC 667 Knowing and Teaching
- EDC 695 Research Seminar

Course Delivery Format

Each of the courses will be offered during either a six to eight week period or an intensive period. Each course includes face-to-face instruction, in addition to out-of-class activities conducted independently or through technology applications that complement the course interactions. All courses are based on 15 contact hours per credit. Approximately one third of the class meetings in every course is offered in Abu Dhabi, one third in Dubai, and one third is delivered on-line via Blackboard Collaborate.

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.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work and complete a final project in fulfillment of the requirements of a graduate degree.

College of Education Graduate Certificate of Advanced Study in Teaching and Learning (Early Childhood Education)

The Graduate Certificate of Advanced Study in Teaching and Learning (Early Childhood Education) will not be offered during the academic year 2015 - 2016. For further information, please contact:

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

College of Sustainability Sciences and Humanities Executive Masters in Health Care Administration (EMHCA)

Introduction

The Executive Masters in Health Care Administration (EMHCA) program is offered in partnership with the University of Houston-Clear Lake and the University of North Carolina. The participation of partner universities allows the program to select experts 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 relevant master's degree program.

Objective

The EMHCA program gives students the knowledge and skills necessary for upper-middle management and senior management levels in health care organizations. Designed for students possessing either an administrative or a clinical background, the program specifically prepares managers who can effectively respond to the dynamic and changing health care industry at the local and international level.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- National and International Perspectives

Articulate an understanding of their own health care system and health care systems in different

nations, providing comparative international perspectives and socio-historical context.

- Evidence-Based Management and Decision-Making

Make administrative and policy decisions based on a critical appraisal of the best available evidence.

- Strategic Leadership

Demonstrate the knowledge, skills and attitudes to perform a leadership role in the development of strategic plans within the health care context.

- Governance

Effectively communicate the principles of good governance as they pertain to both clinical and corporate health care contexts.

Faculty

The EMHCA courses are taught by select professors of Zayed University and partner university faculty who are academically qualified at the doctoral level and have acquired diverse international research experience.

Curriculum

The EMHCA program is designed to prepare graduate students for senior managerial and leadership roles in their health care organizations. The curriculum is firmly grounded in the functional areas of the business enterprise, with a focus on the health care industry.

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software. The EMHCA curriculum is tailored to the needs of health care managers in the United Arab Emirates and consists of the following twelve courses*:

- EHCA 600 Ethical, Legal, and Social Issues in Healthcare
- EHCA 601 Managing in the Health Environment
- EHCA 602 Human Resource Management
- EHCA 603 Accounting for Decision Making
- EHCA 604 Leadership and Strategy in Health Administration
- EHCA 605 Quantitative Methods and Computing for Managers
- EHCA 606 Comparative Health Care Systems
- EHCA 607 Managerial Epidemiology
- EHCA 609 Health Economics and Financial Management
- EHCA 610 Quality Improvement in Healthcare
- EHCA 611 Healthcare Planning and Marketing
- EHCA 613 Healthcare Information Management
- EHCA 604 Leadership and Strategy in Health Administration

* The course delivery sequence may change from cohort to cohort.

Course Delivery Format

The format for delivering the EMHCA program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. The program consists of twelve courses delivered over a 24-month time frame.

Faculty members utilize an innovative mix of on-site and off-site delivery systems that accommodates working graduate students. The on-site (in- classroom) instruction for each course is normally conducted every six and one-half weeks on a Thursday, Friday, and Saturday in full day sessions. The off-site (distance learning) instruction is provided through videotaped instruction on CDs, Blackboard courseware and e-mail system and course management features provided by the Zayed University Computing Services department. These tools, used to deliver the off-site computer-based portion of the curriculum, are complemented by videoconferencing between the partner faculty and the graduate students in the program. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access source materials.

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 master's degree program.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

College of Sustainability Sciences and Humanities Executive Masters in Public Administration (EMPA)

Introduction

The Executive Masters in Public Administration (EMPA) program is offered in partnership with Indiana University and The University of Utah. The participation of partner universities allows the program to select experts 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 relevant master's degree program.

The Gulf Arab States, and in particular the U.A.E., are in the process of transforming the public administration systems. Most of the governments in the region have traditionally promoted developmental activities, provided citizens with many social services, maintained an income-tax- free environment, and provided employment in the public sector to citizens. The reform process tries to deal with some of the difficult aspects of this ambitious agenda through promoting a leaner public sector and

effective policy implementation. EMPA graduates will have mastered the skills and the knowledge to lead this important transformation.

The EMPA program also offers an option for students wishing to specialize in the area of police administration. The curriculum for the police administration option substitutes three specialized police administration courses in the normal EMPA curriculum (see Curriculum for details).

Objective

The objective of the EMPA program is to prepare senior public administrators to become leaders in the field of public policy and administration at both local and international levels.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Best Practices
Utilize best practices of public administration.
- Policy Implementation

Apply analytical tools to analyze, interpret, and present data in order to frame policy problems and make decisions towards the implementation of policy.

Public Values Perspective

Identify ethical problems and to apply ethical principles to propose solutions.

- Managerial Communication
Communicate effectively through both speaking and written mediums to the level expected of public managers.
- Integration of Theory
Apply public administration (or management) theories and tools of decision making into their practice.
- Informed Decision-Making
Process, interpret and use research methods to make evidenced-based decisions.

Faculty

The EMPA courses are taught by select professors of Zayed University and partner university faculty who are academically qualified at the doctoral level and have diverse international research experience.

Curriculum

The EMPA program is designed to prepare graduate students for senior managerial and leadership roles in their organizations. The curriculum is firmly grounded in the functional areas of the business enterprise.

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software. The EMPA curriculum consists of the following twelve courses:*

- EMPA 502 Governance in a Global Context
- EMPA 503 Comparative Public Sector Administration (or EMPA 520 Criminology: The Sociology and Economics of Crime, for students taking the Police specialization)
- EMPA 504 Public Human Resource Management
- EMPA 505 Quantitative and IT Methods for Public Policy and Administration
- EMPA 506 Applied Research Methods in Public Policy and Administration
- EMPA 507 Public Policy Formulation and Analysis
- EMPA 508 Public Sector Budgeting and Finance
- EMPA 509 Program Evaluation (or EMPA 521 Strategic Police Management, for students taking the Police specialization)
- EMPA 510 The Practice of Public Administration (or EMPA 522 Future Directions in Policing, for students taking the Police specialization)
- EMPA 511 Strategic Leadership for Organizational Improvement
- EMPA 512 Legal and Ethical Issues in the U.A.E: The Public Administration Context
- EMPA 599 Capstone Seminar

* The course delivery sequence may vary from cohort to cohort

Course Delivery Format

The format for delivering the EMPA program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. The program consists of 12 six and one-half week courses delivered over a 24-month time frame.

Faculty members utilize an innovative mix of on-site and off-site delivery systems that accommodates working graduate students. The four-day on-site (in-classroom) instruction for each course is normally conducted every six and one-half weeks on a Saturday and Sunday and the following Friday and Saturday in full day sessions. The off-site (distance learning) instruction is provided through videotaped

instruction on CDs, course materials customized on Blackboard courseware and e-mail system and course management features provided by the Zayed University Computing Services Department.

These tools used to deliver the off-site computer-based portion of the curriculum are complemented by videoconferencing between partner institution faculty and the graduate students in the program. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access source materials.

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 master's degree program.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

College of Sustainability Sciences and Humanities

Master of Arts (M.A.) in Diplomacy and International Affairs

Introduction

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.

Objective

The Master of Arts (M.A.) in Diplomacy and International Affairs program seeks to educate a new generation of world diplomats. The interdisciplinary program, focused on the United Arab Emirates and Gulf region, prepares professionals ready to contribute with innovative ideas to the challenges and opportunities of the 21st century in the public and private sectors.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Historical Analysis
Apply historical analysis to the understanding and evaluation of the current international system.
- Politics and Economics
Examine international affairs from the interplay between politics and economics.
- International Politics
Assess objectives and strategies of states and international organizations in world affairs.

- Area Studies Competency
Demonstrate a graduate-level knowledge of the economic, political, and social forces shaping current events in at least two areas of the world.
- Role of the U.A.E.
Evaluate the role of the United Arab Emirates in International Affairs.
- Public Diplomacy
Appraise the tools of Public Diplomacy in the conduct of foreign relations.

Faculty

The graduate courses in the Master of Arts in Diplomacy and International Affairs program are taught by select professors of Zayed University faculty who are academically qualified at the doctoral level and have diverse international research experience.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software.

The interdisciplinary nature of the Master of Arts in Diplomacy and International Affairs program guarantees the preparation of versatile professionals knowledgeable about local and international contemporary history, the characteristics and major elements of an interconnected global economy, the law of the nations, and modern theories in international politics.

The intensive academic training is combined with workshops designed to equip students with the written and oral language skills and the analytical tools that allow them to communicate effectively with their own governments, the general public, and the press. Students also receive leadership training to transform them into effective and successful diplomats.

In order to earn a Master of Arts in Diplomacy and International Affairs degree, students must complete a minimum of 30 credit hours of study. Eighteen (18) credit hours must come from core courses, six (6) credit hours from Area Studies, and six (6) credit hours from specialization courses or approved independent study courses.

Core Courses

- HSS 623 International Relations
- HSS 633 Diplomatic History: The Shaping of Contemporary International Affairs
- HSS 643 International Political Economy
- HSS 653 Public Diplomacy
- HSS 663 The United Arab Emirates: Political and Administrative Structure
- HSS 673 International Relations of the U.A.E.

Specialization Courses

- HSS 693 Security Studies
- HSS 683 Politics of Oil

Area Studies

- HSS 613A Area Studies: Middle East
- HSS 613B Area Studies: Africa
- HSS 613C Area Studies: East Asia

- HSS 613D Area Studies: Latin America
- HSS 613E Area Studies: Modern Turkey

Independent Studies

- HSS 699 Independent Study

Course Delivery Format

The format for delivering the Master of Arts in Diplomacy and International Affairs program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. The program is delivered over a 18-month time frame. Faculty members utilize an innovative mix of on-site and off-site delivery systems that accommodates working graduate students. The on-site (in-classroom) instruction for each course is normally conducted in the evenings on weekdays. The off-site (distance learning) instruction is provided through course materials customized on Blackboard courseware and e-mail system and course management features provided by the Zayed University Computing Services Department. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access source materials.

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.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

College of Sustainability Sciences and Humanities Master of Arts (M.A.) in Museum Studies

The Master of Arts (M.A.) in Museum Studies program will not be offered during the 2015 - 2016

For further information, please contact:

The Office of Graduate Studies
Zayed University
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College of Sustainability Sciences and Humanities

Graduate Certificate in Health Care Administration

Introduction

The Graduate Certificate in Health Care Administration program offered in partnership with the University of North Carolina comprises four key courses of the Executive Masters in Health Care Administration program. It is expected that in most cases the program will be completed within nine months.

Objective

The objective of the Graduate Certificate in Health Care Administration program is to prepare individuals with a relevant background for a transition to a senior management position in the health care industry. Specifically, the program seeks to introduce future leaders to contemporary functional and comparative issues that impact on a changing health care industry at both a local and international level.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- National and International Perspectives
Articulate an understanding of their own health care system and health care systems in different nations, providing comparative international perspectives and socio-historical context.
- Evidence-Based Management and Decision-making
Make administrative and policy decisions based on a critical appraisal of the best available evidence.
- Strategic Leadership
Demonstrate the knowledge, skills and attitudes to perform a leadership role in the development of strategic plans within the health care context.
- Governance
Effectively communicate the principles of good governance as they pertain both clinical and corporate health care contexts.

Faculty

The graduate certificate courses are taught by select professors of Zayed University and partner university faculty who are academically qualified at the doctoral level and have diverse international research experience.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software. The curriculum of the Graduate Certificate in Health Care Administration program consists of the following four courses:*

- EHCA 600 Ethical, Legal, and Social Issues in Healthcare
- EHCA 601 Managing in the Health Environment
- EHCA 602 Human Resource Management
- EHCA 606 Comparative Health Care Systems

*The course delivery sequence may vary from cohort to cohort

Course Delivery Format

The format for delivering the Graduate Certificate in Health Care Administration program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty. The program consists of four courses delivered over a 12-month time frame.

Faculty members utilize an innovative mix of on-site and off-site delivery systems that accommodates working graduate students. The on-site (in- classroom) instruction for each course is normally conducted every six and one-half weeks on a Thursday, Friday, and Saturday in full day sessions.

The off-site (distance learning) instruction is provided through videotaped instruction on CDs, Blackboard courseware and e-mail system and course management features provided by the Zayed University Computing Services Department. These tools, used to deliver the off-site computer-based portion of the curriculum, are complemented by videoconferencing between US partner faculties and the graduate students in the program. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access source materials.

Admission Requirements

Admission is open to males and females of all nationalities. Applicants must have earned a four- year baccalaureate degree or equivalent with a minimum 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 graduate certificate program.

Graduation Requirements

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate certificate.

Articulation to Executive Masters in Health Care Administration (EMHCA)

Courses successfully completed with a “B” or higher grade may be transferable into the affiliated Zayed University master’s degree program; however, admission into the Graduate Certificate in Health Care Administration program does not guarantee admission into the Executive Masters in Health Care Administration program. Students, if admitted, must request transfer of completed graduate certificate course credits to the master’s degree program.

College of Sustainability Sciences and Humanities

Graduate Certificate in Diplomacy and International Affairs

Introduction

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.

Objective

The Graduate Certificate in Diplomacy and International Affairs seeks to educate a new generation of world diplomats. The interdisciplinary program, focused on the United Arab Emirates and Gulf region, prepares professionals ready to contribute innovative ideas to the challenges and opportunities of the 21st century in the public and private sectors.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- Historical Analysis
Apply historical analysis to the understanding and evaluation of the current international system.
- Politics and Economics
Examine international affairs from the interplay between politics and economics.
- International Politics
Assess objectives and strategies of states and international organizations in world affairs.
- Area Studies Competency
Demonstrate a graduate-level knowledge of the economic, political, and social forces

shaping current events in at least two areas of the world.

- Role of the U.A.E.
Evaluate the role of the United Arab Emirates in International Affairs.
- Public Diplomacy
Appraise the tools of Public Diplomacy in the conduct of foreign relations.

Faculty

The Graduate Certificate in Diplomacy and International Affairs courses are taught by select professors of Zayed University faculty who are academically qualified at the doctoral level and have acquired diverse international research experience.

Curriculum

At the beginning of the program, students are required to attend an orientation seminar to introduce the University and its resources, the program, communication tools and relevant software.

The interdisciplinary nature of the Graduate Certificate in Diplomacy and International Affairs program guarantees the preparation of versatile professionals knowledgeable about local and international contemporary history, the characteristics and major elements of an interconnected global economy, the law of the nations, and modern theories in international politics.

The intensive academic training is combined with workshops designed to equip diplomats with the written and oral language skills and the analytical tools that allow them to communicate effectively with their own governments, the general public, and the press. Students also receive leadership training to transform them into effective and successful diplomats.

In order to earn a Graduate Certificate in Diplomacy and International Affairs, students must complete a minimum of twelve credit hours of study. Six (6) graduate credit hours must come from core courses and six (6) from specialization courses or approved independent study courses, from which at least one (1) course has to be from Area Studies.

Core Courses

- HSS 623 International Relations
- HSS 633 Diplomatic History: The Shaping of Contemporary International Affairs
- HSS 643 International Political Economy
- HSS 653 Public Diplomacy
- HSS 663 The United Arab Emirates: Political and Administrative Structure
- HSS 673 International Relations of the U.A.E.

Specialization Courses

- HSS 693 Security Studies
- HSS 683 Politics of Oil

Area Studies

- HSS 613A Area Studies: Middle East
- HSS 613B Area Studies: Africa
- HSS 613C Area Studies: East Asia
- HSS 613D Area Studies: Latin America
- HSS 613E Area Studies: Modern Turkey Independent Studies
- HSS 699 Independent Study

Course Delivery Format

The format for delivering the Graduate Certificate in Diplomacy and International Affairs program is designed to minimize time away from work and

family while maximizing interaction with fellow students and faculty. The program is delivered over a 12-month time frame. Faculty members utilize an innovative mix of on-site and off-site delivery systems that accommodates working graduate students. The on-site (in-classroom) instruction for each course is normally conducted in the evenings on weekdays. The off-site (distance learning) instruction is provided through Blackboard courseware and e-mail system and course management features provided by the Zayed University Computing Services Department. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access source materials.

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 certificate program.

Graduation Requirement

Graduate students must maintain a minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate certificate.

Articulation to Master of Arts (M.A.) in Diplomacy and International Affairs

Courses successfully completed with a "B" or higher grade may be transferable into the affiliated Zayed University master's degree program; however, admission into the Graduate Certificate in Diplomacy and International Affairs program does not guarantee admission into the Master of Arts in Diplomacy and International Affairs program. Students, if admitted, must request transfer of completed graduate certificate course credits to the master's degree program.

College of Sustainability Sciences and Humanities

Graduate Certificate in Museum Studies

The Graduate Certificate in Museum Studies program will not be offered during the 2015 - 2016 academic year.

For further information, please contact:
The Office of Graduate Studies
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Web: www.zu.ac.ae/gradstudies

College of Technological Innovation

Master of Science (M.S.) in Information Technology

Specialization in Cyber Security

Introduction

The Master of Science (M.S.) in Information Technology program includes advanced work in information technology with a specialization 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.

Objective

The Master of Science (M.S.) in Information Technology Specialization in Cyber Security program prepares graduates who are eminently qualified to assume technical and leadership roles in information security and computer crime prevention within the private and public sectors. The master's degree program will prepare graduates for highly skilled technical and management positions in this area of great concern to the United Arab Emirates.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- understand and articulate the different levels and aspects of information security in the context of an enterprise;
- identify the management and technical controls that can be used to design an enterprise security structure;
- perform a needs analysis of an enterprise to determine the appropriate levels of security needed for systems and data; implement

technical security mechanisms to protect the confidentiality, integrity, and accessibility of critical data;

- understand the IT essentials necessary to deal with computers, storage devices, and computerized data in the context of a crime scene; and
- understand information security in a global context as it relates to international norms, laws, ethics, and structures.

Faculty

The graduate courses are taught by select professors from Zayed University who are academically qualified at the doctoral level and have diverse international research experience. The knowledge gained during lectures is further explored by sharing real-world experience with other students, guest lecturers, top professionals, and leaders in various disciplines.

Curriculum

The curriculum is designed to combine a rich theoretical foundation with a strong laboratory component to provide students with lifelong learning capabilities and marketable skills for today's job market. The computer laboratory facilities supporting many of the courses consist of state-of-the-art equipment, combining the best hardware and software platforms. The aim is to give students a first-hand experience with many of the tools in demand today. The curriculum is also tailored to the needs of information technology professionals in the United Arab Emirates and consists of the following twelve courses:

Year One

- CIT 501 Research Methods
- CIT 505 Information Security

- CIT 508 Linux Security
- CIT 530 Cyber Forensics
- CIT 510 Information Security, Policy, Ethics, and Law
- CIT 535 Advanced Cyber Forensics

Year Two

- CIT 515 Network and Internet Security
- CIT 538 Small Scale Digital Device Forensics
- CIT 540 Database and Enterprise Application Security
- CIT 520 Information Security Management
- CIT 545 Penetration Testing and Advanced Hacking Techniques
- CIT 599 Independent Research* or CIT Elective

*Graduate students in the program optionally complete a research component that combines knowledge developed in the courses with a literature survey to investigate a specific problem of significance in the field.

Elective courses added to the Master of Science in Information Technology Specialization in Cyber Security program include: CIT 570 Advanced Network Security, CIT 575 Cyber Criminal Behavior, CIT 579 Risk Assessment and Vulnerability Analysis, CIT 595 Independent Study, CIT 596 Cyber Security Project, and CIT 597 Special Topics in Cyber Security

Course Delivery Format

The in-classroom instruction for each course is normally conducted in the evenings during the week.

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.

Graduation Requirements

Graduate students must have an overall minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate degree.

College of Technological Innovation

Graduate Certificate in High Technology Crime Investigation

Introduction

The Graduate Certificate in High Technology Crime Investigation program will prepare IT professionals to perform computer forensic investigations. The increase of high technology crime has generated an urgent need for a new type of investigator who can combine the science of information technology and forensic science with the art of investigations and critical thinking. Today, any crime that involves a computer as part of the crime, as the crime itself, or as the storage place for evidence may be part of an investigation. Technically competent investigators are a critical need for the United Arab Emirates and the Gulf region.

Objective

Graduates will be prepared to work in local, state, national, and international organizations in the public and corporate sectors. They will have the

skills to investigate a variety of cases that include identity theft, fraud, child exploitation, money laundering, and violent crimes.

Learning Outcomes

Upon successful completion of the program, graduates will be able to:

- understand the IT essentials necessary to deal with computers, storage devices, and computerized data in the context of a crime scene;
- conduct a crime scene investigation to properly handle and seize computers, related devices, and computerized data;
- successfully recover digital evidence related to a crime scene;

- successfully analyze digital evidence related to a crime scene; and
- write a cogent report describing the nature of the digital evidence and analyzing that evidence to assist in the prosecution of the crime.

Faculty

The graduate certificate courses are taught by select professors from Zayed University who are academically qualified at the doctoral level and have diverse international research experience. The knowledge gained during lectures is further explored by sharing real-world experience with other students, guest lecturers, top professionals, and leaders in various disciplines. The approach is designed to give students the best possible and most desirable expertise.

Curriculum

The curriculum of the Graduate Certificate in High Technology Crime Investigation program is designed to provide graduates with expertise in the core aspects of digital forensics and cybercrime. The curriculum consists of the following four courses:

- CIT 501 Research Methods
- CIT 530 Cyber Forensics
- CIT 535 Advanced Cyber Forensics
- CIT 538 Small Scale Digital Device Forensics

Course Delivery Format

The in-classroom instruction for each course is normally conducted in the evenings during the week.

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 certificate 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 graduate certificate program. Preference will be given to applicants currently working in the IT or related fields.

Graduation Requirements

Graduate students must have an overall minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate certificate.

Articulation to Master of Science (M.S.) in Information Technology Specialization in Cyber Security

Students successfully completing the Graduate Certificate in High Technology Crime Investigation with a “B” or higher grade in all courses will be permitted to transfer the twelve course credits to the Master of Science in Information Technology Specialization in Cyber Security program. Subsequently a student will be required to take 24 additional course credits to complete the master’s degree program. The 24 course credits are to be made up of the following 8 courses: CIT 505 Information Security, CIT 508 Linux Security, CIT 510 Information Security Policy, Ethics, and Law, CIT 515 Network and Internet Security, CIT 520 Information Security Management, CIT 540 Database and Enterprise Application

Security, CIT 545 Penetration Testing and Advanced Hacking Techniques, CIT 599 Independent Research or CIT Elective.

College of Technological Innovation

Graduate Certificate in Information Security

Introduction

The Graduate Certificate in Information Security program will prepare IT professionals to develop and manage the physical and technical infrastructure necessary to secure critical information assets at all levels within an organization. For the United Arab Emirates to maintain its IT leadership in the region, this type of expertise will be essential for the expansion of e-commerce and e-government services.

Objective

IT professionals will be prepared to detect, prevent, and mitigate threats to systems and data in order to protect the critical information infrastructure of the United Arab Emirates.

Learning Outcomes

Graduate students will be able to:

- understand and articulate the different levels and aspects of information security in the context of an enterprise;

- identify the management and technical controls that can be used to design an enterprise security structure;
- perform a needs analysis of an enterprise to determine the appropriate levels of security needed for systems and data;
- implement technical security mechanisms to protect the confidentiality, integrity, and accessibility of critical data; and
- understand information security in a global context as it relates to international norms, laws, ethics, and structures.

Faculty

The graduate certificate courses are taught by select professors from Zayed University who are academically qualified at the doctoral level and have diverse international research experience. The knowledge gained during lectures is further explored by sharing real-world experience with other students, guest lecturers, top professionals, and leaders in various disciplines. The approach is designed to give students the best possible and most desirable expertise.

Curriculum

The Graduate Certificate in Information Security curriculum is designed to provide graduates with expertise to protect, secure and manage information systems from threats and attack and consists of the following four courses:

- CIT 505 Information Security
- CIT 510 Information Security Policy, Ethics, and Law
- CIT 515 Network and Internet Security
- CIT 520 Information Security Management

Course Delivery Format

The in-classroom instruction for each course is normally conducted in the evenings during the week.

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 certificate 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 graduate certificate program. Preference will be given to applicants currently working in the IT or related fields.

Graduation Requirements

Graduate students must have an overall minimum grade point average (GPA) of 3.0 in course work taken in fulfillment of the requirements of a graduate certificate.

Articulation to Master of Science (M.S.) in Information Technology Specialization in Cyber Security

Students successfully completing the Graduate Certificate in Information Security with a “B” or higher grade in all courses will be permitted to transfer the twelve course credits to the Master of Science in Information Technology Specialization in Cyber Security program. Subsequently, a student will be required to take 24 additional course credits to complete the master’s program. The 24 course credits are to be made up of the following 8 courses: CIT 501 Research Methods, CIT 508 Linux Security, CIT 530 Cyber Forensics, CIT 535 Advanced Cyber Forensics, CIT 538 Small Scale Digital Device Forensics, CIT 540 Database and Enterprise Application Security, CIT 545 Penetration Testing and Advanced Hacking Techniques, CIT 599 Independent Research or CIT Elective.

Institute for Islamic World Studies

Master of Arts (M.A.) in Judicial Studies

The graduate program, offered at the request of the Abu Dhabi Judicial Department, delivers courses over a period of two years for judges, prosecutors, and assistant judges and is designed specifically to provide graduates with the latest developments in the field of law and judicial administration, to improve the judicial skills of its graduates, and to equip them with the knowledge and skills necessary for best practice of judicial administration.

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

Institute for Islamic World Studies

Master of Arts (M.A.) in Contemporary Islamic Studies

The Master of Arts (M.A.) in Contemporary Islamic Studies program will not be offered during the 2015 - 2016 academic year.

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

Institute for Islamic World Studies

Master of Arts (M.A.) in Endowment Studies

The Master of Arts (M.A.) in Endowment Studies will not be offered during the 2015 - 2016 academic year.

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

Institute for Islamic World Studies

Master of Arts (M.A.) in Islamic Economics and Wealth Management

The Master of Arts (M.A.) in Islamic Economics and Wealth Management program will not be offered during the 2015 - 2016 academic year.

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

Institute for Islamic World Studies

Master of Arts (M.A.) in Islamic World Studies

The Master of Arts (M.A.) in Islamic World Studies program will not be offered during the 2015 - 2016 academic year.

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

Research

Zayed University fosters research, scholarship, and creative activity that address the interests, needs, and concerns of the United Arab Emirates, the Gulf region, and the world. The University seeks to recruit and retain faculty members who possess demonstrated research capabilities and can contribute to its research agenda. 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 continually seeks to establish research training and 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 Provost's Research Fellowships provide special support to productive scholars on the faculty. A Start-Up Grant is offered for new joiners. The Research Incentive Fund annually provides grants to faculty members with worthy projects. Strategic Research Project awards provide substantial support for ZU researchers to lead a team engaged in research on a topic that is central to national or University priorities. All grants are awarded on a competitive basis.

The Institute for Economic and Social Research conducts research projects on a wide range of economic and social issues relevant to the United Arab Emirates and the Gulf.

Both undergraduate and graduate students are actively encouraged to become involved in research and individual study projects. The Undergraduate

Research Scholars Program fosters, encourages, sustains, and supports ZU undergraduates performing faculty-mentored research in their major field of study. Each cohort in the program receives training and hears guest lectures over a period of approximately two and a half years, beginning with an intensive summer workshop. Those sessions furnish students the opportunity to raise their awareness and skill levels relating to the research process. Scholars for the program are selected in an annual competition, and have the opportunity to present their research at a national, regional, or international conference. Graduate students at ZU have the opportunity to conduct research projects with experienced faculty members in student roles ranging from paid Research Assistant to full Co-Investigator.

Further information about research at Zayed University is available on the website: www.zu.ac.ae/research/

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. Prerequisites, if any, are shown at the end of the course description.

ECN	Economics
EDC	Education
EHCA	Health Care Administration
EMPA	Public Administration
ENG	English
ENV	Environmental Science
HSC	Health Sciences
HSS	Humanities and Social Sciences
IEWM	Islamic Economics and Wealth Management
ISL	Islamic Studies
JUD	Judicial Studies
MAES	Endowment Studies
MCIS	Contemporary Islamic Studies
MIWS	Islamic World Studies
MMS	Museum Studies
MTH	Mathematics
PHY	Physics
PSY	Psychology

Prefix and Name	
ADV	Advising
ARA	Arabic
ART	Art and Design
BIO	Biology
BUS	Business
CHE	Chemistry
CIT	Information Technology
COL	Colloquy on Integrated Learning
COM	Communication and Media Sciences

Course Numbers

The University numbers courses from 001-799. A description of the five numerical levels of courses appears on page 23.

Academic Bridge and Developmental Courses

ENG 020

0 Credit (A2 CEFR)

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.

ENG 030

0 Credit (B1 CEFR)

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.

ENG 040

0 Credit (B1 CEFR)

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.

COL 030A Arabic Preparedness Level I

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 COL 030B before being accepted in COL 130

COL 030B Arabic Preparedness Level II

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 COL 130.

COL 041 English Composition Co-requisite

1 Credit

Concurrently with a repetition of COL140, COL145, or COL240, students strengthen their skill in composition, concentrating particularly on overcoming demonstrated weakness.

MTH 002 Developmental Mathematics

0 Credits

Designed to introduce students to a quantitative reasoning approach to the applications of mathematics through real world problems.

Baccalaureate Courses

ADV 100 Advising

0 Credit

Students who exit the Academic Bridge Program after the first ten weeks of the semester enter this course which provides advising support and course planning guidance until the student enters COL 120.

ADV 201 Advising

0 Credit

Taken during the student's second baccalaureate year, until the student enters the major. Emphasizes pre-major Individual Learning Plan advising, including mentoring in relation to Zayed University Learning Outcomes, portfolio development and assessment. Encourages students to be responsible members of the Zayed University academic community.

ADV 202 Advising

0 Credit

Taken during the student's second baccalaureate year until the student enters the major. Emphasizes pre-major Individual Learning Plan advising, including mentoring in relation to Zayed University Learning Outcomes portfolio development and assessment.

ADV 301 Advising

0 Credit

Taken during the third baccalaureate year by students not yet admitted into the major. Focuses on success strategies so students can progress into the major. Advising is an integral part of the academic program at Zayed University. Course is designed for continuing baccalaureate students not yet accepted into a major. Advising at Zayed University is an ongoing, developmental process requiring mutual trust and cooperation between advisors and students. It aims to: facilitate students' adjustment to the Zayed University academic and social environment, respond to students' needs and help them become more confident, successful, and selfdirected learners and individuals, and encourage students to be responsible members of the Zayed University academic community.

ARA 211 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.

ARA 222 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, and their reaction to cultural differences within Islamic societies. Finally, Muslims' contributions to the development of geography are discussed.

ARA 235 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 suited to the requirements of academic and work-related subjects, thus helping the students excel in their future employment. It provides the students with confidence and competence in the practice of translation between English and Arabic. It offers comprehensive training using a range of Arabic and English sources, whilst focusing on texts related to the students' field of study. The course also examines machine translation and the utilization of modern technologies in the translation process.

ARA 240 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.

ARA 315 Advanced Arabic Professional Writing

3 Credits

This course focuses on developing the students' academic reading and writing abilities in Arabic. It introduces them to the various reading and writing genres in Arabic, and through a faculty-guided practice, it helps them read and produce complex essays on contemporary topics. Additionally, students' critical reading, writing and thinking skills are enhanced. Students develop a fair command of varied vocabulary, succinct and concise style and syntax.

ARA 335 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.

ARA 340 Media Storytelling in Arabic

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 affairs and promotional writing.

Pre-requisite: ARA 240

ARA 375 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.

ARA 380 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 Colloquy (COL130, COL 135 and COL 230), 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.

ARA 395 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.

ARA 492 Independent Study-Translation

3 Credits

This independent study in translation is suitable for all majors. It helps the students understand the requirements of business and technical translation. After a short study period, students embark on a translation project from subjects related to their majors.

Pre-requisites: Grade B or above in both COL 130 and COL 140

ARA 495 Independent Study

3 Credits

Following the University guidelines for independent study, a student proposes a study of material not available through regularly scheduled courses. The work resulting from a successful proposal is supervised/evaluated by a designated faculty member.

ART 201 Principles of Design

3 Credits

This is an introductory course to 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.

ART 205 Art Foundations

3 Credits

This course introduces the student to the basic skills of drawing, painting, sculpture and printmaking which will act as a solid foundation for all future courses in Art and Design. Students will familiarize themselves with a variety of techniques and processes using diverse art materials and methods to express themselves. The course will also cover materials, paper types and equipment appropriate for the medium.

ART 220 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 from the early periods to the 19th century.

ART 221 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.

ART 223 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

Co-requisite: Art 223AL

ART 223AL Arabic Lab I

1 Credit

Arabic Lab for ART 223 Arts of the Modern World.

Co-requisite: ART 223

Pre-requisite: COL 230

ART 251 Basic Design

3 Credits

This course is the introduction to the verbal and visual vocabulary of graphic design. Students will develop an understanding of graphic design definitions and principles, design terminology, processes, and methods for using traditional and current technological design tools. Students also learn the basics of media literacy and criticism.

ART 279 Computer-Aided Design I

3 Credits

This course aims at providing interior design students with sufficient skills to be intermediate users of CAD 2D and 3D features in relation to interior design and space planning of both residential and commercial spaces.

ART 287 Interior Design Studio I

3 Credits

This course is an introduction into the world of Interior Design and a practical study of small-scale projects such as individual residential spaces. The study includes an introduction of styles and an in-depth analysis of each room focusing on its aesthetic, practical space planning, lighting, and storage solutions. Students will also learn the basic drafting and surveying skills and tools required for design. Innovative software programs for Interior Design are introduced.

ART 297 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 majors on the intermediate 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.

ART 309 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.

ART 310 Drawing I

3 Credits

The aim of this course is to consider the notion that drawing can be used as an expressive and creative tool to explore and rationalize the world through an artistic pathway. This notion is introduced and developed by practical investigation of some of the basic drawing skills and techniques used in art.

Pre-requisite: ART 205

ART 311 Drawing for Designers

3 Credits

This course introduces the students to the principles of drawing applicable to designers from all disciplines, Graphic Design and Interior Design in particular. 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 student will concentrate on the design process from initial concept sketches through formal presentation drawings and visualizations.

Pre-requisites: ART 201 (or ART 205)

ART 312 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 and their use of color.

Pre-requisite: ART 205

ART 313 Drawing II

3 Credits

This course further develops the concepts, skills and techniques acquired from ART 310 Drawing I, through rigorous observational and interpretative drawing assignments. Observational drawing initiates the course, progressing to more self-expressive techniques and methods of observational drawing, developing the student's individual approach and aesthetic sensibility.

Pre-requisite: ART 310

ART 314 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.

Pre-requisite: ART 205

ART 315 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 sculpture. Students are also exposed to basic sculpture concepts, which provide a general survey of sculptural studio practices.

Pre-requisite: ART 201 (or ART 205)

ART 316 Ceramics I

3 Credits

This introductory class places emphasis on 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 use of hands, tools, clay extruders, potters wheels, and electric kilns.

Pre-requisite: ART 205

ART 317 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.

ART 318 Three-Dimensional Design

3 Credits

This course is an introduction to three-dimensional design concepts. Students investigate the forces that influence the design of objects and spaces including, but not limited to, art objects. Natural forces such as the earth's gravity affect our perception 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 students to develop artistically and creatively within a given framework.

ART 319 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 simple to the more complex projects.

Pre-requisite: ART 201

ART 322 History of 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.

Pre-requisites: ART 220 or HSS 200

ART 324 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 to the role of the arts in promoting national and religious identity throughout the Islamic world.

Pre-requisites: ART 220 or HSS 200 and HSS 201

ART 325 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.

ART 326 Representation: Exhibition, Display, and Interpretation I

3 Credits

This course 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 on the standards governing the public display of items.

ART 327 Representation: Exhibition, Display, and Interpretation II

3 Credits

This course discusses the debates about the exhibition, 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: ART 326

ART 328 Cross-Cultural Influences in Design

3 Credits

This course provides 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 known internationally. Students will broaden their understanding of the philosophies and styles of these designers, and develop the ability to present the nuances of Arab and other cultures through the use of visual language. This course strengthens students' acquisition of technical terminology in Arabic.

ART 330 Art Education

3 Credits

This course is structured to introduce majors 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 of evaluation in art. It also focuses on art across the curriculum.

ART 336 Interior Design Studio II

3 Credits

The course covers advanced design work including dimensioning, space planning, analysis of the client, bubble diagrams, materials and finishes, furniture plans, floor plans, elevations as well as lighting and ceiling. A student is required to complete drawing and presentation boards. Field trips to trade showrooms are completed throughout the semester at the discretion of the department. Axonometric drawings are also included.

*Pre-requisite: ART 287***ART 337 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 a studio component.

*Pre-requisite: ART 287***ART 340 Photography I**

3 Credits

Students learn the skills and methods necessary to operate a 35mm camera, process film, and print their own black and white photographs. Digital photography will be introduced. In addition to technique, students explore their own aesthetics and develop an artistic voice through the medium of photography.

ART 341 Photography II

3 Credits

Students continue the development of technical skills (studio shooting, lighting, etc.) with advanced digital processing and printing. Students are encouraged to explore their own individual styles and develop a meaningful body of work.

*Pre-requisite: ART 340***ART 342 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: ART 340***ART 345 Digital Video I**

3 Credits

An introductory course in digital video. Students will explore the use and handling of the camcorder, computer software, editing programs and concepts pertaining to narrative and non-narrative structure in video production.

*Pre-requisite: ART 251***ART 346 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: ART 345 or COM 321***ART 351 Graphic Design I**

3 Credits

This course provides the basic understanding of Graphic Design roles and responsibilities. It explores the visual language and relationship, 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***ART 352 Graphic Design II**

3 Credits

This course further explores visual language and relationships, including the interaction of typography and imagery (bitmap and vector graphics), graphic design history, sustainable design, and social responsibility. Students solve design problems and learn how to present to an audience. Students will learn visual communications design processes and acquire a foundation of context sensibility and social responsibility.

*Pre-requisites: ART 351***ART 355 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.

*Pre-requisite: ART 251***ART 356 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***ART 357 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***ART 359 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***ART 360 Printmaking I**

3 Credits

This course will introduce students to the basic skills and processes of a variety of printmaking techniques including 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.

*Pre-requisite: ART 205***ART 363 Printmaking II**

3 Credits

This course will introduce students to advanced printmaking processes building upon the basic skills learned in Printmaking I. New techniques include multi-plate and mixed media printing and photographic processes. Learning the technical processes to create prints and transforming them into a mode for personal creative expression will be the main focus of this class.

*Pre-requisite: ART 360***ART 365 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.

*Pre-requisite: ART 251***ART 366 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-requisites: ART 201, ART 205***ART 375 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, techniques and approaches consistent with the medium. Students will create various scenes to simulate real world natural and manufactured objects as well as imaginary objects.

*Pre-requisite: ART 251 (or CIT 210 or Instructor's permission)***ART 376 Animation I**

3 Credits

The aim of this class is to study the basics of time-based graphics. Understanding basic concepts of time line, key frames, in-betweens and principals of animation are explored. Students will create various animations using traditional hand-drawn as well as computer-generated graphics in both 2D and 3D media.

Pre-requisite: ART 251 (or CIT 210 or Instructor's permission)

ART 377 Animation II

3 Credits

Students will further explore the digital medium they have been learning in order to rough, block, and animate shots in sequence to meet the goals of the script to tell a story. Character Animation will be explored in detail from basic walk cycle to detailed facial animation. Story-boarding, continuity sketches, and editing will be covered.

Pre-requisites: ART 375, ART 376

ART 379 Computer Aided Design II

3 Credits

This course is built upon the principles and techniques of digital drafting introduced in ART 279. 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: ART 279

ART 385 Interior Design Studio III

3 Credits

Studio investigations of spaces as articulated by the interaction of individual and place. Emphasis placed on understanding of design process, light and color, construction systems, and ongoing study of materials.

Pre-requisite: ART 336

ART 387 Furniture Design

3 Credits

This course analyzes the process of designing furniture prototypes, from the initial articulation of design objectives to the technical exploration of their manufacture. Through discussions and research, this analysis will lead to the design of an original furniture prototype.

Pre-requisite: ART 201

ART 388 Environmental Systems for Interior Design

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-requisites: ART 336, ART 391, COL 111

ART 389 Basic Architecture

3 Credits

Art 389 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: ART 287

ART 391 Interior Design Methods of Construction

4 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: ART 287

ART 395 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.

ART 397 Special Topics in Art and Design

3 Credits

This course allows faculty to introduce a new course into the curriculum, on a limited basis, to art majors at the senior 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.

ART 405 The Professional Artist

3 Credits

The aim of this course is to make students familiar with professional practices of artists. It focuses on variety of skills, including professional writing, interviewing skills, work ethics, and presentation skills.

Co-requisite: Art 405AL

ART 405AL Arabic Lab II

1 Credit

Arabic Lab to accompany ART 405.

Co-requisite: ART 405

Pre-requisite: ART 223AL

ART 410 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: ART 313*

ART 411 Painting II

3 Credits

The aim of this course is to build on and further develop the concepts, skills and techniques acquired from ART 312 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: ART 312

ART 413 Painting III

3 Credits

Under faculty supervision, students produce an independent body of exploratory work and a related written statement, explaining their intention, progress and development for their course portfolio. Students are expected to demonstrate an understanding of how their work relates to the general context of art, critical theory and the activity of painting, in order to define and discuss the subject, form and content of their work. Students are expected to be self-motivated, prepared, and responsible for independent studio practice.

Pre-requisite: ART 411

ART 415 Mixed Media

3 Credits

This is a studio art class in which students are encouraged to develop postmodern works of art in two- and three-dimensional formats using the materials and methods which best express their concept.

Pre-requisite: ART 310 or ART 312

ART 416 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: ART 316

ART 418 Installation

3 Credits

In this advanced studio course students examine the contemporary field of 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-requisites: ART 201, ART 205, ART 251

ART 420 Communities, Curatorial Practices, and Collections

3 Credits

This course explores the purpose and functions of museums, with particular emphasis on the roles which globalization and the development of new forms of museums play in how knowledge is created and preserved through collections and research. Topics include the history and organization of museums and collections, curatorship, research, documentation, and care.

Pre-requisites: ART 223 or HSS 200

ART 421 Material Culture of the U.A.E.

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.

ART 422 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-requisites: ART 223***ART 425 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.

*Pre-requisites: ART 220***ART 426 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.

*Pre-requisites: ART 220***ART 427 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.

*Pre-requisites: ART 220***ART 430 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.

*Pre-requisite: Art 223***ART 440 Photography III**

3 Credits

This course prepares students to present their work in professional settings. Students will learn advanced techniques and processes in printing and presentation of photographic work and will focus on concept development. Commercial applications related to photography will be related to the student's individual body of work produced in this course. This is the final course of a series of photography courses and one which prepares students for professional practice.

*Pre-requisite: ART 341***ART 451 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: ART 352***ART 452 Packaging Design**

3 Credits

This is a course in designing and identifying graphic communication for packaging structure. 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: ART 351***ART 453 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: Art 451***ART 456 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: ART 356***ART 457 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: ART 357***ART 459 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: ART 351***ART 460 Printmaking III**

3 Credits

This course provides students with focused study on thematically-driven work, with an emphasis on contemporary print practice and critical dialogue. Students may work in any print medium, creating sophisticated works that demonstrate expertise in non-traditional mixed media print methods.

*Pre-requisite: ART 363***ART 475 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: ART 375***ART 476 Animation III**

3 Credits

Students will further their knowledge in the field of animation by learning special effects and postproduction techniques in addition to character animation. Special effects in animation are everything that is not character animation such as rain, fire, smoke etc. Postproduction is adding sound effects, editing the movie, creating titles and end credits and creating DVD/CD and posters for final presentation.

Pre-requisite: ART 377

ART 477 3D Lighting and Rendering

3 Credits

This intermediate level course complements the skills learned in 3D Modeling and offers advanced virtual lighting and rendering techniques to create high quality renderings. Emphasis will be given to create realistic scenes of interior and exterior spaces with various lighting environments.

Pre-requisite: ART 375 (or ART 279)

ART 486 Interior Design Studio IV

3 Credits

The aim of this course is to give students the ability to design large size projects such as restaurants and corporate offices. Projects are presented visually and orally to a group of students and faculty, and should include material sample boards, plans, elevations, section and perspectives.

Pre-requisite: ART 385

ART 490 Internship

6 Credits

Opportunity for students to gain practical experience of the workplace relevant to their major with employers in the public or private sectors. Internships are intended to match the academic background and strengths of students, their interests and future career ambitions.

ART 492 Senior Research Seminar

1 Credit

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 ART 496 Senior Project course, which is the culmination of the students' skills and knowledge gained in their chosen major. 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 statement and defend their project to both the Zayed University community and the community at large

ART 495 Independent Study

1-3 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.

ART 496 Senior Project

3 Credits

In this course students will apply their skills and knowledge gained in their chosen specialization to complete a final project, which reflects rigorous research, process, and professional practice within their chosen discipline. In addition to the visual component, students will also write a research paper directly related to their project. The final product is to be presented to an audience verbally and in the form of an exhibition to the public either on campus or at another location within the community. The combined experiences should reflect the students' growth as an artist/ designer, theorist, and a new member of the artistic and professional community.

ART 497 Special Topics in Art and Design

3 Credits

This course allows faculty to introduce a new course into the curriculum, on a limited basis, to art majors on the senior 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.

BIO 201 Biological Concepts I

3 Credits

The course is a general introduction to the fundamental principles of cellular, molecular, and reproductive biology, genetics, and evolution. It provides an overview of 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.

Co-requisite: BIO 201L

Pre-requisite: COL 165

BIO 201L Laboratory Component for BIO 201

1 Credit

This course is a required lab component for BIO 201.

Co-requisite: BIO 201

BIO 202 Biological Concepts II

3 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.

Co-requisite: BIO 202L

Pre-requisite: BIO 201

BIO 202L Laboratory Component for BIO 202

1 Credit

This course is a required lab component for BIO 202.

Co-requisite: BIO 202

BIO 321 Human Physiology

3 Credits

Human physiology looks at the structure and function of the human body. This survey course will cover the major systems of the body including the integument, skeletal, muscle, nervous, sensory, endocrine, digestive, renal, circulatory, and respiratory systems.

Co-requisite: BIO 321L

Pre-requisite: BIO 201, CHE 201

BIO 321L Laboratory Component for BIO 321

1 Credit

This course is a required lab component for BIO 321.

Co-requisite: BIO 321

BIO 351 Ecology and Conservation Biology

3 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.

Co-requisite: BIO 351L

Pre-requisite: BIO 201, BIO 202

BIO 351L Laboratory Component for BIO 351

1 credit

This course is a required lab component for BIO 351.

Co-requisite: BIO 351

BIO 372 Microbiology

3 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.

Co-requisite: BIO 372L

Pre-requisites: BIO 201, CHE 201

BIO 372L Laboratory Component for BIO 372

1 Credit

This course is a required lab component for BIO 372.

Co-requisite: BIO 372

BUS 200 The Legal and Ethical Environment of Business

3 Credits

This course is an introduction to the range of general concepts regarding the nature of the legal system, the nature of government regulation and the basic principles of law. Students are also introduced to the ethical environment of business decision making, social responsibility, and ethics in the global context.

Minimum passing grade: D

BUS 202 Financial Accounting

3 Credits

This is an introductory course in financial accounting, and 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.

BUS 203 Managerial Accounting

4 Credits

This course covers 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.

Minimum passing grade: C-

Pre-requisite: BUS 202

BUS 207 Business Communications

3 Credits

This course will introduce students to the primary forms of communication used in business organizations. A variety of strategies will be presented along with some of the technologies that support effective business communication.

Minimum passing grade: D

Co-requisite: BUS 207AL

Pre-requisite: COL 240

BUS 207AL Arabic Lab I

1 Credit

Arabic component of BUS 207 Business Communications.

Co-requisite: BUS 207

BUS 209 Management Decision Sciences

3 Credits

The course examines the use of quantitative methods to assist in decision making. The emphasis is on how these methods can contribute to better decisions.

Minimum passing grade: D

Pre-requisite: COL111 or COL112 or MTH103 or MTH118

BUS 217 Business Writing Lab

1 Credit

This course will assist students with the production of case genre and the associated rhetorical patterns of specialization-specific Business English.

Minimum passing grade: D Pre-

requisite: BUS 207

BUS 297 Special Topics

1 TO 4 Credits

Course in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

BUS 300 Operations Management

3 Credits

A study of the operation functions within an organization with an emphasis on operations in a service environment. The course introduces decision making techniques in operations including statistical analysis and technological applications, operations strategy and how the operation function links to other functions in the organization.

Minimum passing grade: D

Pre-requisites: BUS 209

BUS 301 Human Resource Management

3 Credits

The course examines the position of human resource management within an organizational context. It explores the framework for cooperation and conflict in organizations and the management of diverse behaviors. It introduces students to the pre-selection practices of planning and human resource selection. It explores the management of people through consultative structures, policies and procedures.

Pre-requisite: BUS 207, BUS 309

BUS 308 Introduction to Finance

3 Credits

This course is an 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: BUS 202

BUS 309 Introduction to Management

3 Credits

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. 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.

BUS 310 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.

BUS 311 Intermediate Accounting I

3 Credits

A continuation of financial accounting topics introduced in BUS 202 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.

Minimum passing grade: D

Pre-requisite: BUS 202

BUS 312 Intermediate Accounting II

3 Credits

A continuation of Intermediate Accounting I. Topics include a variety of procedural accounting issues related to accounting for contributed capital, retained earnings, dilutive securities, earnings per share, investments, revenue recognition rules for long-term construction contracts and installment sales, lease accounting, accounting changes, and full disclosure requirements. Special attention is given to international accounting standards whenever appropriate.

Minimum passing grade: C

Pre-requisite: BUS 311

BUS 324 Small Business Management

3 Credits

This course examines the fundamentals of entrepreneurship and small business operations. The focus on the "hows" of operating a small business, including starting a business, and the marketing and management decisions as they relate to the small business owner/manager. *Minimum passing grade: D*

BUS 330 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 U.A.E. economy, given the need for economic diversification (U.A.E. Vision 2021/Abu Dhabi 2030).

Minimum passing grade: D

BUS 332 Innovation Management

This course provides a basic understanding of managing innovation from idea to implantation and value capture. Specific attention is given to defining and managing innovation process, managing innovation networks, exploiting new ventures and the tools and techniques that can be used to manage innovation effectively

Minimum passing grade: D

Pre-requisite: Bus 310

BUS 335 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.

Minimum passing grade: D

BUS 341 Intermediate Accounting Lab

1 Credit

Application of the underlying theory of “conceptual framework” of financial accounting. Students will complete assignments and projects reflective of the financial accounting “cycle” applying technical skills of accounting including the analysis, recording, preparation, and interpretation of accounting information.

*Minimum passing grade: D**Co-requisite: BUS 311**Pre-requisite: BUS 202***BUS 343 Accounting Information Systems (AIS) Lab**

1 Credit

Application laboratory using Oracle software. Students will practice recording and summarizing business transactions, preparing reports and extracting data from accounting and/or enterprise software.

*Minimum passing grade: D**Co-requisite: BUS 413**Pre-requisite: BUS 202***BUS 351 Organizational Behavior**

3 Credits

This course examines the impact that individual and group behavior 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.

*Minimum passing grade: D**Pre-requisite: BUS 309***BUS 366 Human Resource Information Systems**

2 Credits

This course examines how information systems 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.

*Minimum passing grade: D**Pre-requisite: BUS 301***BUS 395 Independent Study**

1 TO 3 Credits

Directed research and/or study on an individual basis.

*Minimum passing grade: D***BUS 397 Special Topics**

1 TO 4 Credits

Course in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

*Minimum passing grade: D***BUS 400 Strategic Management**

3 Credits

This culminating course examines theories of management strategy and research into 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.

*Minimum passing grade: D**Pre-requisite: BUS 308, BUS 309, BUS 310***BUS 401 Business Leadership**

3 Credits

Examines and critically analyzes theories of leadership and research into business leadership. Explores current approaches to leadership traits, behavior, action and training, and examines the nature and role of leadership in the modern global business environment. Focuses on enhancing students' understanding of business leadership, and covers issues concerning the development of women leaders in U.A.E. society.

*Pre-requisite: BUS 309***BUS 402 Strategic Management**

1 Credits

This culminating course examines theories of management strategy and research into strategic approaches, decision making and action. Particularly important 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.

*Minimum passing grade: D**Pre-requisite: BUS 201***BUS 403 Strategic Managerial Accounting**

3 Credits

Covers 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.

*Minimum passing grade: C**Pre-requisite: BUS 203***BUS 407 Language in the Workplace**

3 Credits

Students will produce advanced forms of communication employed in the daily functioning of business organizations. Special emphasis will be placed on the development of clear, concise and effective communications; structural accuracy; professional vocabulary acquisition; and the prevention of communication breakdown in written communications.

*Co-requisite: BUS 407AL**Pre-requisite: BUS 207 (or CIT 300)***BUS 407AL Arabic Lab II**

1 Credit

Arabic component of BUS 407 Language in the Workplace.

*Co-requisite: BUS 407**Pre-requisite: BUS 207AL***BUS 412 Contemporary Topics in Financial Accounting**

3 Credits

This course will cover various aspects of current interest in financial accounting including, but not limited to wholly and partially-owned subsidiaries and consolidated financial statements.

*Minimum passing grade: D**Pre-requisite: BUS 312***BUS 413 Accounting Information Systems**

3 Credits

This course examines 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: BUS 202***BUS 416 Auditing**

3 Credits

This course 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 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.

*Minimum passing grade: C**Pre-requisite: BUS 413***BUS 417 Essentials of Research Writing for Business**

2 Credits

This course will assist students with the production of specialization-specific business English with the intention of facilitating the development of written proposals and outlines for major writing projects.

*Minimum passing grade: D**Pre-requisite: BUS 207 (or CIT 300)*

BUS 418 Fraud Examination and Forensic Accounting

3 Credits

Introduction to specific types of fraud and other forms of occupational misconduct, as well as the forensic accounting skills and knowledge that enable professionals to help prevent, detect, and investigate fraud. This course seeks to develop and integrate students' knowledge of law, criminal justice and accounting for the purpose of obtaining a more comprehensive view of occupational fraud and misconduct.

Minimum passing grade: C Pre-requisite: BUS 416

BUS 419 Special Topics in Accounting

3 Credits

This course will cover various aspects of governmental, not-for-profit, and managerial accounting. In addition, the course will cover various topics of current interest in accounting.

Minimum passing grade: C

Pre-requisite: BUS 403, BUS 312, BUS 416

BUS 420 Corporate Finance

3 Credits

Applications 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 BUS 308.

Minimum passing grade: D

Pre-requisite: BUS 308

BUS 421 Financial Planning and Forecasting

2 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.

Minimum passing grade: D Pre-requisite: BUS 420

BUS 422 Financial Markets

3 Credits

This course focuses on functions and development of financial markets, debt, equity and derivative security markets, efficient capital markets, and international markets.

Minimum passing grade: D Pre-requisites: BUS 308

BUS 424 Investments

3 Credits

This course 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.

Minimum passing grade: D Pre-requisite: BUS 308

BUS 425 Commercial Banking

3 Credits

This course focuses on commercial bank asset/liability management, intermediation, central banks, money creation, determinants of interest rates, bank regulation, and global banking.

Minimum passing grade: D

Pre-requisite: BUS 308

BUS 426 Islamic Banking and Finance

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).

Minimum passing grade: D

Pre-requisite: BUS 308

BUS 427 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 exposure management, international capital budgeting, cost of capital, capital structure, and working capital management.

Minimum passing grade: D Pre-requisite: BUS 420

BUS 428 Portfolio Management

3 Credits

This course focuses on asset allocation, portfolio theory and applications, major approaches to portfolio construction and portfolio performance evaluation.

Minimum passing grade: D Pre-requisite: BUS 424

BUS 429 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.

Minimum passing grade: D Pre-requisite: BUS 424

BUS 432 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.

Minimum passing grade: D Pre-requisite: BUS 310

BUS 433 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. 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.

Minimum passing grade: D Pre-requisite: BUS 310

BUS 434 Global Marketing Management

3 Credits

This course will provide an advanced examination of marketing management within the context of a multi-culturally diverse U.A.E. and increasingly interconnected world. Emphasis will be given to the supply and distribution of products in the global market. 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 and the role of foreign governments as potential barriers, competitors, partners and customers.

Minimum passing grade: D

Pre-requisite: BUS 310

BUS 435 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 U.A.E.. 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.

Minimum passing grade: D

Pre-requisite: BUS 310 & BUS 330

BUS 437 Applied Business 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 that is then developed into an applied business project in BUS 438.

Minimum passing grade: D

Pre-requisite: BUS 310 & BUS 330

BUS 438 Applied Business Project

2 Credits

This course has been designed as the culminating experience for Marketing and Entrepreneurship majors. As such, students are required to demonstrate the knowledge they have accumulated throughout their degrees in an applied business project of their choosing. Specifically, using the research they conducted in the course Applied Business Research, students are required to develop actionable business and marketing plans or relevant extensions of these plans for their own entrepreneurial enterprise, a family business or business unit, or any other U.A.E. based organization including not-for-profits and government departments.

Minimum passing grade: D

BUS 450 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.

Minimum passing grade: D

Pre-requisite: BUS 301

BUS 451 Recruitment and Selection

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.

Minimum passing grade: D

Pre-requisite: BUS 301

BUS 452 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. *Minimum passing grade: D*

Pre-requisite: BUS 301

BUS 455 Comparative HR 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.

Minimum passing grade: D

Pre-requisite: BUS 301

BUS 456 Management of Employee Relations

3 Credits

This course examines the nature of conflict within organizations, particularly between labor (whether organized or not) and employers. In addition, the role of the HR function in the process of establishing productive relationships between employees and employers is examined. *Minimum passing grade: D*

Pre-requisite: BUS 301

BUS 457 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. *Minimum passing grade: D*

Pre-requisites: BBUS 301

BUS 490 Internship

2 TO 12 Credits

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

Minimum passing grade: D

Pre-requisites: BUS 417, BUS 407

BUS 491 Internship

3 Credits

An individualized assignment arranged with an agency, business or other organization to provide guided experience in the field. *Complete all the major courses in your field*

BUS 495 Independent Study

3 Credits

Directed research and/or study on an individual basis.

BUS 497 Special Topics

1 TO 4 Credits

Course in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

CHE 201 General Chemistry I

3 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

Co-requisite: CHE 201L

Pre-requisite: COL 111

CHE 201L Laboratory Component for CHE 201

1 Credit

This course is a required lab component for CHE 201.

Co-requisite: CHE 201

CHE 202 General Chemistry II

3 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.

Co-requisite: CHE 202L

Pre-requisite: CHE 201

CHE 202L Laboratory Component for CHE 202

1 Credit

This course is a required lab component for CHE 202.

Co-requisite: CHE 202

CHE 331 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-requisites: CHE 201, CHE 202, CHE 365

CHE 365 Fundamentals of Organic Chemistry

3 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. *Co-requisite: CHE 365L*

Pre-requisite: CHE 201, 202

CHE 365L Laboratory Component for CHE 365

1 Credit

This course is a required lab component for CHE 365.

Co-requisite: CHE 365

CHE 371 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.

Co-requisite: CHE 371L

Pre-requisite: CHE 201, CHE 202, CHE 365

CHE 371L Laboratory Component for CHE 371
1 Credit
This course is a required lab component for CHE 371.
Co-requisite: CHE 371

CHE 471 Environmental Chemistry
4 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.
Co-requisite: CHE 471L
Pre-requisite: CHE 365

CHE 471L Laboratory Component for CHE 471
1 Credit
This course is a required lab component for CHE 471. *Co-requisite: CHE 471*

CIT 210 Introduction to IT and Systems
3 Credits
This course provides an introduction to computer and information technology, including the history, terminology, components, and operation of computer systems. Topics include usage of computers; hardware; software applications, and the Internet.

CIT 215 Computing Foundations
3 Credits
This course provides an introduction to the foundations of programming and problem solving. Topics include introduction to algorithms and algorithm design, number representation, Boolean algebra and computing logic, sets and relations, functions, recursion, sequences and arrays.

CIT 225 Introduction to Programming and Problem Solving
3 Credits
This course provides an introduction to the principles of problem solving, algorithm design, program development. Students learn the fundamentals of program design, essential elements of programming structures, program documentation, and basic testing and debugging. Students learn how to identify and formulate solutions to simple, real-world problems.

CIT 235 Information Security Basics
3 Credits
This course presents the managerial and technical aspects of information security to prepare future business decision makers, and addresses knowledge areas of the CISSP (Certified Information Systems Security Professional) certification.

CIT 245 Web Development
3 Credits
Introduction to the role of the World Wide Web and Internet technology used in modern business practices. The students will learn the essential concepts of HTML, XHTML, and XML. They will begin with developing a basic Web page and move on to developing a basic Web site. They will also cover working with page design, tables, and frames. Next, they will cover creating Web page forms, working with cascading style sheets, and using multimedia on the Web. At the end of the course, they will learn how to create an XML document, work with namespaces, validate an XML document, and work with schemas.

CIT 255 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.

CIT 261 Enterprise and Information Systems Foundations
3 Credits
This course involves the foundation of business functions, processes, data requirements, development, and management of information systems for sales, marketing, accounting, finance, human resources, production, supply chain, and customer relationship management. This course, comprising a mix of technical, business and social psychology issues, focuses on how a business works, how information systems fit into business operations, how information systems of any type can be used to create organizational value, and how such systems can be successfully implemented.

CIT 295 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.

CIT 300 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 technical texts, giving effective technical presentations, and communicating effectively with stakeholders.
Pre-requisite: COL 240

CIT 301 Technical Writing (Arabic)
2 Credits
Arabic companion for CIT 300 Technical Communication.
Co-requisite: CIT 301

CIT 305 IT in Global and Local Cultures
3 Credits
The focus of this course is on the role of information technology in global and local societies. Topics include ethical and legal issues, cultural changes, and the use of technology to support education, business, communications, and government.
Co-requisite: CIT 306 | Pre-requisite: CIT 300

CIT 306 IT in Global and Local Cultures (Arabic)
2 Credits
Arabic companion course for CIT 305 IT in Global and Local.
Co-requisite: CIT 305 | Pre-requisite: CIT 301

CIT 315 Operating Systems Administration
3 Credits
This course introduces concepts of operating systems and their administration in a networked environment. Popular operating system platforms such as UNIX and Microsoft Windows will be used as vehicles for this study.
Pre-requisite: CIT 225

CIT 320 Programming and Problem Solving
3 Credits
This course develops further the principles of problem solving, algorithm design and programming environment studied in CIT 225. Topics include primitive data types, objects, control structures, input/output and data structures commonly used in the software development process.
Pre-requisite: CIT 225

CIT 325 Applied Programming
3 Credits
This course extends further the programming principles students have studied in CIT 225 and CIT 320. Using a project-based approach and a contemporary programming language, students develop a real-world software application.
Pre-requisite: CIT 320

CIT 330 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-requisites: CIT 235, CIT 255

CIT 335 Information Security Technologies
CIT 335 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: CIT 235

CIT 340 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.).

CIT 345 Multimedia Systems

3 Credits

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.

CIT 346 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: CIT 245***CIT 350 Communication Networks I**

3 Credits

This course introduces routing basics focusing on router configuration, operating system management, protocols, and basic troubleshooting.

*Pre-requisite: CIT 215 and CIT 255***CIT 355 Communication Networks II**

3 Credits

This course introduces switching and intermediate routing focusing on advanced addressing techniques, routing protocols, switching and virtual LANs.

*Pre-requisite: CIT 255 and CIT 350***CIT 360 Management of Information Systems**

3 Credits

This course introduces students to information systems and demonstrates how these systems are used by organizations. The key components of information systems namely people, software, hardware, data, and communication technologies are discussed in term of they can be integrated and managed to create competitive advantage. The students will also gain an understanding of how information is used in organizations and how information technology enables improvement in quality, speed, and agility.

CIT 361 Enterprise Systems

3 Credits

The purpose of this course is to provide a thorough understanding of the concepts and structures of enterprise systems including the architecture of an enterprise system, planning, design, operation, and integration of enterprise systems. The course also covers the key business modules in Enterprise Resource Planning Systems ERPs (e.g., Finance, HR, Sales), Business Process Re-engineering (BPR), ERP managerial and implementation aspects, and ERP project management and monitoring. The course ends with the key issues involved with ERP for e-commerce, ERP for Customer Relationship Management (CRM), and ERP for logistics and Supply Chain Management (SCM).

*Pre-requisite: CIT 360 or CIT 261***CIT 362 IT in Logistics & Supply Chain**

3 Credits

In recent years, Supply Chain Management has gained greater attention in the GCC and worldwide from both academics and managers. In fact, the concern of improving efficiency has urged managers to use advanced information technology tools and inter-organizational networks. This course introduces students to how to conceptualize, design and implement supply chains as well as how information technologies (e.g. internet technologies, enterprise systems, decision support systems, etc.) affect the practices of logistics and supply chain management.

*Pre-requisite: CIT 361***CIT 365 Database Systems**

3 Credits

Fundamental concepts of current database systems are covered, with emphasis on the relational database model. Major topics include data modeling, operations in the relational model, data definition language (DDL), database manipulation language (DML), constraints in SQL, system aspects of SQL, and object-oriented query languages. Data normalization and implementing databases through interactive web pages are covered. Software tools to be explored are Access, MySQL, and Oracle. Project work will comprise a substantial portion of the course assessment. Students will be expected to explore needed middleware such as PHP, JavaScript, and so on.

*Pre-requisite: CIT360 or CIT261***CIT 369 Business Process Management**

3 Credits

This course covers how business processes (a.k.a. the enterprise knowhow) 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 design, administration, configuration, enactment, and analysis of business processes. This course also incorporates a laboratory component using BPM software.

*Pre-requisite: CIT 360***CIT 371 Mobile Computing**

3 Credits

This course covers the major development platforms and the different approaches to providing mobility in computer networks. Topics include the fundamental concepts and principles of mobile computing, wireless networks, wireless sensor networks, applications and services in mobile commerce and other domains, usability and security issues that apply to the mobile environment. Students will experiment with mobile technologies, work on cutting-edge projects, and research and develop ideas for novel mobile computing applications and services.

*Pre-requisite: CIT 225***CIT 372 Cloud Computing**

3 Credits

This course provides an understanding of the concepts and principles revolving around cloud computing. It is considered as the 3rd major wave of computing, after mainframe and client-server. Topics in the course include data centers, business models, deployment approaches, security, and privacy. Students will learn about cloud computing concepts and technologies, develop and use cloud services, and become conversant with cloud platforms. Students will learn about the critical issues in cloud computing such as security, privacy, and business models.

*Pre-requisite: CIT 360 or CIT 261***CIT 375 Human Computer Interaction**

3 Credits

Human computer interaction stresses the importance of good interfaces and the relationship of interface design to effective human interaction with computers. Students will learn the fundamental concepts of human-computer interaction and user-centered design thinking, through working individually and in teams on an interaction design projects. Students also will learn to evaluate and design usable and appropriate software and web applications based on psychological, social, and technical analysis. Web accessibility and usability principles and testing will also be discussed.

CIT 376 Game Development

3 Credits

This course focuses on videogame development as well as investigating the entertainment software industry as a whole. The course focuses on developing useful prototypes. It will contain hands-on activity from day one. Students will play-modify-create. They will follow Grady Booch's paradigm, that academia needs to teach students to modify programs and not just create programs from scratch.

*Pre-requisite: CIT 225 and CIT375***CIT 377 IT Project Management**

3 Credits

The majority of information systems (IS) and information technology (IT) implementations are introduced into organizations through projects. This unit covers the multi-disciplinary skills required to successfully manage IT projects. With specific focus on IS/IT, the unit covers the administrative, technical, communication and socio-political demands placed on modern IS/IT project managers. The course covers relevant and topical IS/IT project management issues delivered through practical tutorials and lectures. The aim of this course is to provide experience of IS/IT project management issues in preparation for managing IS/IT projects.

Pre-requisite: CIT 360

CIT 378 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 different 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.

CIT 380 IT Entrepreneurship I

3 Credits

This course introduces the concepts, practices, and challenges of IT entrepreneurship. It equips students with the skills to develop their entrepreneurial ideas and to evaluate whether they can be the basis of a viable business that is worth the investment of time and energy. This course is structured around the assumption that you will be working for the private sector or that you will be developing new units within a government institution. The purpose of the course is not just to make students aware of entrepreneurship concepts but to equip students with skills to start their own IT enterprise and/or develop new units within their IT organizations.

CIT 395 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.

CIT 400 Green Computing

3 Credits

This course looks at ways in which computing can be altered to reduce, reuse, and recycle precious resources. The course will examine the effects of computing on the environment and will assess ways to measure these effects. A primary objective will be learning how to quantify, measure, and assess the effects of computing on the environment. Topics to be investigated are power consumption, low-power consumption technologies, green data centers, virtual environments, and power-efficient large storage systems. The course will assess the global ICT footprint, the ICT life cycle, networks, mobile devices, data centers, and application programs.

CIT 430 Information Security Management

3 Credits

CIT 430 presents the concepts of information security in a systems engineering approach to provide managers the knowledge needed to allocate scarce security resources. Covering security policies, risk management and business continuity plans.
Pre-requisite: CIT 235

CIT 435 Digital Forensics Foundations

3 Credits

This course introduces students to the basic 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. Exposure to some common high-tech investigation cases and the preliminary steps to conduct digital forensic examinations is the focus of this course.
Pre-requisite: CIT210 and CIT235

CIT 450 Communication Networks III

3 Credits

This course focuses on wide-area networks (WAN) and covers advanced addressing techniques, WAN technology and terminology, network administration and network management.
Pre-requisites: CIT 350, CIT 355

CIT 455 Wireless Sensor Networks

3 Credits

This course covers basic 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-requisites: CIT255 and CIT350

CIT 460 Systems Analysis and Design

4 Credits

This course discusses the systems development life cycle in terms of Planning, Analysis, and Design. Topics include analyzing the business case, requirements modeling, data analysis and design from the perspective of two different paradigms: object-oriented and procedural, user interface design, systems architecture, project management, and development strategies.
Pre-requisite: CIT 365

CIT 463 Enterprise Systems Development

3 Credits

This course is for students enrolled in the Enterprise Computing specialization in the College of Information Technology. CIT 463 presents provides an understanding of the enterprise system development, architecture, implementation, support and maintenance functions. Students are exposed to case and project management tools to support IT systems development throughout an organization.
Pre-requisite: CIT 460

CIT 465 Knowledge Management

3 Credits

This course introduces the basic concepts and terminology of knowledge management. It looks at the role of knowledge management in organizations and the way it can transform organizations. Topics include knowledge creation, codification, sharing, and how these activities promote learning and innovation. Knowledge management processes and real-world case studies will be discussed.
Pre-requisite: CIT 365

CIT 466 Data Analytics

3 Credits

This course introduces the foundation concepts underpinning data analytics and knowledge discovery. This course will equip students with the skills to use state-of-the-art tools and techniques for effective business decision-making. Building on student's database knowledge data mining tools will help in finding clusters and patterns of relationships in datasets. Multi-dimensional data modeling will also be introduced. Extensive labs and hands-on modeling tools will accompany these topics.
Pre-requisite: CIT 365

CIT 467 Enterprise Applications

3 Credits

This course is designed to provide students with broad, well-founded knowledge of enterprise resource planning, its core business processes and their operational interrelations. Theoretical knowledge is put into practice and further deepened by means of case studies on integrated business process scenarios. Students use professional applications and tools to reinforce systems integration within complex business processes.
Pre-requisite: CIT 362

CIT 468 IT Strategy and Governance

3 Credits

This course exposes students to different types of information systems (e.g., transaction systems, ERP systems, e-commerce systems) and their impact in terms of strategic value on the organization. An organization's information system strategy has an impact on its finances, overall development strategy and innovation. It illustrates various ways information systems can support collaboration across the value chains in the value network, or in the form of outsourcing of IT business development and daily operations. How the current and future use of IT is directed and controlled will be covered as part of IT governance.
Pre-requisite: CIT 360

CIT 470 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 study a PL/SQL-procedural language, which enables them to develop database business solutions using Oracle. The course is focused heavily on giving students practical experience in developing Web-enabled database applications using Oracle.
Pre-requisite: CIT 365

CIT 480 IT Entrepreneurship

3 Credits

This course introduces the concepts, practices, and challenges of IT entrepreneurship. It equips students with the skills to develop their entrepreneurial ideas and to evaluate whether they can be the basis of a viable business that is worth investing time and energy. This course is structured around the assumption that you will be working for the private sector or that you will be developing new units within a government institution. The purpose of the course is not just to make students aware of entrepreneurship concepts but to make students equipped with skills to start their own IT enterprise and/or develop new units within their IT organizations.

CIT 490 Internship Systems

6 Credits

The internship provides the student with an on-the-job experience at a local U.A.E. enterprise. The student works on a project together with the student's sponsor and mentor. At the conclusion of the internship, each student presents a report to the class and the IT faculty summarizing the internship experience and how it has influenced the student's IT education and career objectives. College permission is required.

CIT 491 Research Methods

3 Credits

This course aims to provide students with an understanding of basic frameworks in research. The course covers techniques to gather information, create and develop a research proposal and evaluate research carried out by others. Major areas include interpretive and scientific approaches, design, survey methods and tools, case study, field study, data collection, experimentation, and analysis. The principal skills involved are in carrying out the research processes, and in the written and oral presentation of results.

Pre-requisite: CIT 305 or BUS 407

CIT 492 Emerging Technologies for the Enterprise

3 Credits

This course is for students enrolled in the Enterprise Computing specialization in the College of Information Technology. IT Infrastructure provides foundations for serving customers, working with technology vendors, and managing internal business processes. CIT 492 allows students to explore the emerging IT technologies to discover how they can be effectively managed and incorporated into an enterprise to add significant business value and competitive advantage.

Pre-requisite: CIT 360

CIT 495 Independent Study

1 Credits

The purpose of this course is to provide the student with an opportunity for an independent study of an information technology topic beyond what is covered in existing courses and in more depth than level 200/300 independent study courses.

CIT 497 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.

CIT 499 Senior Project

3 Credits

This is a senior project course in which student teams usually complete a substantial "real-world" project that may be provided by sponsors drawn from both private and government organizations in UAE. 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.

COL 105 Career Exploration

3 Credits

This course guides students through the process of exploring careers and provides the strategies and skills necessary for a lifetime of career-related decision-making. Students explore options for future careers by engaging in four activities: investigating the world of work, considering the career-planning process, recognizing the relation between various academic majors and career choices, and becoming familiar with CV writing. Academic skill development and advising are ongoing throughout the course.

CIT 499 Senior Project

3 Credits

This is a senior project course in which student teams usually complete a substantial "real-world" project that may be provided by sponsors drawn from both private and government organizations in UAE. 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.

COL 110 Mathematical Modeling with Data

3 Credits

Students will organize, analyze and present information obtained from data using spreadsheet software. Students use a project-based approach where they use software to solve problems, complete meaningful tasks, and analyze results.

COL 111 Mathematical Modeling with Functions

3 Credits

Designed to provide students with a broad general education in quantitative reasoning and to enhance numerical skills. It will also provide a foundation for the development of the students' ability to function in major programs that involve mathematical reasoning. The course will focus on analytical reasoning and thinking to solve real world problems. Students sharpen their capacity to use numerical reasoning in practical contexts. Excel is used extensively in this course.

COL 112 Mathematical Modeling in Business

3 Credits

Designed to provide students with a broad general education quantitative reasoning and to enhance numerical skills. It will also provide a foundation for the development of the students' ability to function in the Business Science courses that involve mathematical reasoning. The course will focus on analytical reasoning and thinking to solve real world problems in business. Excel is used extensively in this course.

Pre-requisite: COL 110

COL 120 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 U.A.E. 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.

COL 130 Arabic Concepts

3 Credits

The purpose of this course is to increase students' analytical abilities in the Arabic language through critical engagement with texts selected from various periods of the Arabic tradition. The readings focus on key concepts from the humanities and social sciences. Upon completion of the course, students should be able write critical essays, reflective writings, and meaningful summaries. Students will also develop critical acumen, and a deeper understanding of text nuances and aesthetics.

COL 130HT Arabic for Heritage Students - Beginner

3 Credits

This course is designed to address the specific needs of heritage students who are able to speak colloquial Arabic but lack the ability to read or write it. They are normally the graduates of international or foreign schools. The course builds on their knowledge of spoken Arabic gained within the family environment or through being in the U.A.E.. Most will have read the Quran, as is traditional in Muslim families, without fully comprehending what they read. The course builds on that ability and the vocabulary acquired over the years to introduce reading and writing skills. It will use a combination of the Quran, poetry, text books and books produced internally to achieve its target. The course will employ multimedia to facilitate the learning process and make it more interactive.

COL 130NL Arabic for Non-Native Speakers I

3 Credits

This course introduces students to the Arabic alphabets, basics of morphology and syntax, and the four language skills of reading, writing, speaking and listening in Modern Standard Arabic (MSA). This is a basic Arabic course for grammar, vocabulary, pronunciation, and acquisition of basic communicative skills.

COL 132HT Arabic for Heritage Students - Beginner

3 Credits

This course is designed to address the specific needs of heritage students who are able to speak colloquial Arabic but lack the ability to read or write it. They are normally the graduates of international or foreign schools. Students entering the HT sequence would take a placement test to determine whether they go into the first course in the sequence, COL 130HT, or progress to the higher level COL 132HT. This course advances the students' knowledge of Arabic skills, especially reading and writing, and prepares them for the following courses in the sequence, namely, Islamic 1 and 2 and Arabic lab.

COL 132NL Arabic for non-native speakers - Intermediate I
3 Credits

This course is designed to build on the knowledge of Arabic gained by students who entered COL 130NL and to accommodate international students who are non-native speakers of Arabic who have basic knowledge of the language and who pass the placement test. It uses a combination of published text books and books produced internally to expand the vocabulary of the student and teach the structure and grammar required for basic oral and written communication in Modern Standard Arabic (MSA). The course will employ multimedia to facilitate the learning process and make it more interactive. This is the first at the intermediate level helping to expand the students' knowledge of morphology and syntax, and the four language skills of reading, writing, speaking and listening in Modern Standard Arabic (MSA).

COL 135 Islamic Civilization I
3 Credits

This course focuses mainly on Islamic values, institution building, socio-political disintegration, renewal and reform, seeking to familiarize the students with the evolution and significance of the major socio-economic institutions on which Muslim communities are based. In addition to being comprehensive and balanced, the course's main goal is to construct a rational outlook based on understanding, analysis and objectivity.

COL 135NL Islamic Civilization I for Non-Native Speakers
3 Credits

This course is an introduction to the Islamic civilization. It discusses various disciplines conventionally known as Islamic Studies, and covers essential topics such as their definitions, limits, basic issues, major branches and schools, and relations to other disciplines. The focus is on approaching Islam as a living religion and reality, rather than a dogma or a mere source of glorifying the past.
Pre-requisite: COL 130NL

COL 140 English Composition I
3 Credits

Reading a range of academic texts, students compose essays that respond to specific questions. Persistent, faculty-guided practice develops the abilities of students so that they produce well-organized work, using sources appropriately and expressing ideas in accurate, well-developed paragraphs and sentences. Students with a high level of proficiency in reading and writing the English language will have the opportunity to enroll in COL140A instead of COL 140.

COL 140A English Composition I (Advanced)
3 Credits

COL 140A English Composition I (Advanced) supports COL 150 Global Studies I by developing the student's ability to comprehend course readings and to write essays of at least 500 words that state and support a position on global topics. The course prepares students for COL 145 English Composition II and COL 240 English Composition III.

COL 140B English Composition I
3 Credits

Reading a range of academic texts, students compose essays that respond to specific questions. Persistent, faculty-guided practice develops the abilities of students so that they produce well-organized work, using sources appropriately and expressing ideas in accurate, well-developed paragraphs and sentences.

COL 145 English Composition II
3 Credits

Building on the composition skills developed in COL 140, students continue to develop their writing abilities, producing extended essays using a variety of academic sources. Faculty guided practice enables students to develop their abilities to express ideas in accurate well-developed paragraphs and sentences and to develop critical awareness of sources.
Pre-requisite: COL 140A or COL 140

COL 145A English Composition II
3 Credits

Building on the composition skills developed in COL140A, students continue to develop their writing abilities, producing extended essays using a variety of academic sources. Faculty guided practice enables students to develop their abilities to express ideas in accurate well-developed paragraphs and sentences and to develop critical awareness of sources. Students with a high demonstrated level of proficiency in reading and writing the English language are enrolled in this course.
Pre-requisite: COL 140A

COL 145B English Composition II
3 Credits

Building on the composition skills developed in COL140B, students continue to develop their writing abilities, producing extended essays using a variety of academic sources. Faculty-guided practice enables students to develop their abilities to express ideas in accurate well-developed paragraphs and sentences and to develop critical awareness of sources.
Pre-requisite: COL 140B

COL 150 Global Awareness I: Human Geography
3 Credits

As an interdisciplinary course with a contemporary world focus, COL 150 supports the Global Awareness Learning Outcome. Students will develop important skills in thinking geographically which will help them in solving problems in an interconnected and complex world. This courses will help students to understand how the Earth is connected.

COL 155 Global Awareness II: Encounters: People, Places, & Traditions
3 Credits

This course provides a comparative analysis of how culture, economies and cities impact and are impacted by particular regions of the world. Moreover, the theme of encounters of people, ideas, and trade is understood within a historical context. Furthermore, students learn how globalization and technology have enabled encounters to exist differently than in the past.
Pre-requisite: COL 150

COL 165 The Nature of Science Discovery
3 Credits

The primary goal of COL 165 is to cultivate habits of mind by engaging young adults to critically explore the world, assess ideas, and apply their learning to solve problems. The course nurtures evidence-based reasoning and immerses students in a journey of discovery that empowers them to build knowledge and become better thinkers.

COL 220 Entrepreneurship and Innovation
3 credits

This course provides a general introduction to the concepts and principles of entrepreneurship and innovation. Students will develop an understanding of the nature of entrepreneurship and its connection to the culture and economy of the U.A.E., and how innovation drives entrepreneurship. The course encourages creativity, civic responsibility, 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 the exploring entrepreneurship project where students must work as a team to generate and develop an original business or service concept related to an academic major of the university.

COL 230 Islamic Civilization II
3 Credits

This course continues COL 135's focus on Islamic values, institution building, socio-political disintegration, renewal and reform. It investigates the situation of Muslims in the modern world (17th – 21st centuries), analyzes the family institution and the role of Muslim women, and critically examines contemporary Arab societies. The impact of the Islamic heritage on the Gulf region is also analyzed.
Pre-requisite: COL 135

COL 232NL Arabic for non-native speakers - Intermediate I
3 Credits

This course is designed to build on the knowledge of Arabic gained by students who entered COL 130NL and/or COL 132NL courses and to accommodate international, non-Arabic-speaking, students who have some knowledge of the language and who pass the placement test. It uses a combination of published text books and books produced internally to expand the vocabulary of the student and teach the structure and grammar required for intermediate oral and written communication in Modern Standard Arabic (MSA). The course will employ multimedia to facilitate the learning process and make it more interactive. This is the second at the intermediate level helping to expand the students' knowledge of morphology and syntax, and the four language skills of reading, writing, speaking and listening in Modern Standard Arabic (MSA). Upon completion, the student should reach the Intermediate level in MSA Arabic as defined by Al-Kitaab Fii Ta'allum Al 'aarabiya.

COL 240 English Composition III

3 Credits

Students learn to develop persuasive arguments and produce research essays or reports on approved topics of their own choosing. Classroom instruction introduces students to the research process, further develops critical awareness of source material, and extends students' abilities to express ideas in accurate well-developed paragraphs and sentences. This course builds on skills developed in

COL140 and COL145.
Pre-requisite: COL 145

COL 255 Emirates Studies

3 Credits

This course aims at fostering citizenship and the appreciation of the national achievement of U.A.E. through introducing the students to the major social aspects of U.A.E. society as well as its values and heritage. Offer studies in variety of important fields related to U.A.E. history, geography, internal and external political aspects, social development and services provided by U.A.E., women empowerment and role in community, U.A.E. approach to knowledge based community, multiculturalism, developments in infrastructure, economy and technology and U.A.E. position in the global competitiveness, The course also presents future visions for development strategic plans and its challenges.

COL 260 Living Science: Health and Environment

3 Credits

This course 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 U.A.E., the World, and how they affect them at the personal level in their daily lives.

COL 270 Introduction to Information Technology

3 Credits

This introductory course is designed to lay down a foundation of knowledge in the area of information technology. The course aims to explain to students the principles of information and communication technology and their impact on people and organizations. The four course modules are IT, software tools, web development and web applications.

COM 200 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.

COM 210 Media Storytelling I

4 Credits

Introduction to practical reporting and writing. Introduces the concepts of objective and subjective journalism; discusses storytelling and presentation forms and methods for print, broadcast, online, and social media.

Pre-requisite: COL 240

COM 230 Public Speaking and Persuasion

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.

COM 231 Media and Cultural Criticism

3 Credits

An introduction to 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.

COM 237 Interpersonal and 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.

COM 240 Communication and Media Ethics

2 Credits

A critical examination, discussion and analysis of ethical and moral considerations in contemporary professional communication. Discusses various viewpoints of media freedom versus responsibility providing students perspectives and resources from different media systems.

COM 261 Communication and Media History

2 Credits

A review of key milestones in the development of human communication and media, including print, electronic media, film 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.

COM 280 New Media

3 Credits

An examination of strategies and technologies used for digital communication. Students will use current tools of technology to produce media content, and achieve technical and conceptual competence in digital media.

COM 311 Zayed Media Lab I

1 Credit

Introductory professional practicum focusing on the use of social media and Web 2.0 in the current media workplace. Students will work on projects in their media specialization.

COM 312 Zayed Media Lab II

1 Credit

Advanced professional practicum. Students will apply the technical and conceptual knowledge learned in COM 280 and COM 311 to produce an interactive media production focusing on their specialization.

Pre-requisite: COM 311

COM 315 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

COM 320 Photojournalism

3 Credits

Focuses on capturing and telling stories through photographs which can be used for print and Web publications. Digital camera techniques for shooting and editing photos. 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.

COM 321 Video and Audio Production I

3 Credits

Introduces students to moving images and sound, with focus on producing and editing audio and visuals for film, television, radio and web broadcast using digital technologies. Techniques of filming, recording, editing and lighting will be explored. Focus on the fundamentals of telling stories with video and audio for the respective outlets.

COM 323 The Business of Film and 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.

COM 324 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.

COM 351 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.

COM 352 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.

COM 353 Writing for Integrated Strategic Communications

3 Credits

An examination of the strategic communications writing process, and of preparing goal-oriented messages. Students will write strategic messages for selected publics and media. Includes intensive practice in writing for a strategic media mix; including news releases, newsletters, media kits, creative advertising copy, public service announcements, website writing, crisis communications and other written and audio-visual tools.

Pre-requisite: COM 351 (or COM 352)

COM 356 Media Planning and Management

3 Credits

Introduction to 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: BUS 310

COM 357 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.

Pre-requisite: COM 352

COM 358 Entrepreneurship in the Media

3 Credits

The ability of individuals to create, manage and launch their own media organizations is an increasing reality. The course explores the opportunities and challenges in creating, managing, promoting and sustaining a media related enterprise in the United Arab Emirates and beyond.

COM 360 Communication and Media Research and Analysis

3 Credits

An introduction to research methods commonly used in contemporary media and communication disciplines. Students will learn to formulate research questions, determine the appropriate method, plan and design research, and collect, analyze, interpret and present data. They will be introduced to quantitative and qualitative modes of research and analysis, and attain research skills relevant to the communications professions in which they will work.

COM 371 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.

COM 372 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.

COM 380 Web Design and Publishing

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.

COM 382 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-requisites: COM 315, COM 321, COM 380

COM 383 Virtual Communities and Social Media

3 Credits

Establish theoretical and experiential foundations for understanding the relationship between mediated communication and human community. Class discussion will focus on a variety of virtual world environments. Significant lab work within interactive media.

COM 421 Video and Audio Production II

3 Credits

Students will produce a short narrative or documentary film from preproduction to postproduction. The study of three-act screenplay structure, budget preparation, shooting schedules, story boards, cinematography, sound, directing actors, and editing. Students will complete the class with a short film they may submit to film festivals in the U.A.E. and abroad and which will be a key part of their portfolio.

Pre-requisite: COM 321

COM 441 Communication and Media Law

2 Credits

Legal comparative concepts and principles including prior restraint, libel, privacy, contempt and access as they relate to print, broadcast, advertising and other areas. Focus on legal concepts as they apply to the U.A.E.

COM 451 Integrated Strategic Communications

3 Credits

An integration of advertising, public relations and marketing with the planning and execution of communication campaigns for organizations. Students will learn to research and analyze situations, organizations and publics; develop strategies; select and implement creative tactics and evaluate plans.

Pre-requisites: COM 351, COM 352

COM 457 Senior Project in Visual Communication

3 Credits

This course allows students to combine the various skills they have learned into a final visual communication project. This body of work could be a short documentary or narrative film, a radio documentary, a screenplay or a research project on the film/ broadcast 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-requisites: COM 321, COM 421

COM 475 Planning and Promotion for Events and Festivals

3 credit hours

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 management the event or festival as a project.

COM 481 Advanced Converged Media

3 Credits

Theory and practice of reporting, editing and producing material for publication or broadcast in a converged environment. Students produce multimedia reports for traditional and converged media operations.

Pre-requisites: COM 321, COM 315

COM 490 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 specialization. Externships require the approval of the College.

Pre-requisite: Senior status

COM 495 Independent Study

1-3 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.

Pre-requisite: Permission of College Associate/Assistant Dean.

COM 497 Special Topics in Communication and Media

3 Credits

Special topics and issues related to communication, media, integrated strategic communications and tourism and cultural communications.

Pre-requisite: Instructor's permission

ECN 201 Foundations of Microeconomics

3 Credits

Introduces students to trade-offs that must occur in daily socio-economic transactions in order to allocate scarce resources.

ECN 202 Foundations of Macroeconomics

3 Credits

Considers economy-wide issues in the U.A.E. and globally, for non-economic specialists.

*Minimum passing grade: C**Pre-requisite: ECN 201*

EDC 202 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 across the human life-span.

EDC 207 Infancy and Early Childhood

3 Credits

Human development and learning from conception to age eight is covered, including physical, intellectual, emotional and social development with emphasis on inter-relations of growth and behavior of young children in relationship to family, peer group, and educational programs.

EDC 221 International Systems of Education

3 Credits

Comparative study of education in the Arab-Islamic and other societies, with emphasis on policy, cultural and social factors.

EDC 303 Linguistics for ESL Teachers

3 Credits

This course introduces candidates to the basic linguistic concepts that define the various systems of language: phonetics, phonology, morphology, syntax, semantics, and pragmatics, and extends their knowledge and skills as they explore concepts and terminology used in ELL to describe formal features of English and English language use. The course aims to increase candidates' awareness of learner problems in developing language and skills proficiency, and examination of the social and cultural aspects influencing language use in the classroom, as well as in everyday life.

EDC 307 Middle Childhood and Adolescence

3 Credits

Study of human development and learning from age eight through adolescence. Considers influences on the physical, intellectual, emotional and social development of children and adolescents, examining roles played by family, peers, and educational programs in shaping the goals and behavior.

EDC 314 Early Childhood Program Models

3 Credits

Study of developmental needs of infants to three-year-old children, and the various approaches taken in the creation of quality learning environments and the use of developmentally appropriate teaching and guidance techniques.

EDC 315 Observation and Assessment

2 Credits

This course examines conceptual frameworks for child and adolescent assessment and evaluation through application of basic assessment techniques to inform developmentally and culturally appropriate assessment programs related to cognitive, physical, emotional, social, and creative development.

EDC 316 Parents as Educators

3 Credits

This course explores developmental issues and parenting practices of families in the United Arab Emirates, and around the world. The role of parents as first educators of their children will be studied.

EDC 321 Classroom Management

3 Credits

Focus 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.

EDC 323 Integrated Curriculum for Early Childhood

3 Credits

Development and implementation of integrated curriculum for young learners through eight years, applying developmentally appropriate principles which facilitates young children's cognitive, physical, emotional, social and creative development.

EDC 324 People with Special Needs

3 Credits

Provides an introduction to physical, sensory, behavioral, and emotional disabilities from a biological perspective. The needs and aspirations of people with special needs and their families, as well as support services, are studied in the context of Islamic and other cultures.

EDC 331 Teaching English Grammar I

3 Credits

This course examines historical and current trends of instructional approaches, methods, and techniques to teaching English grammar. The course draws on a wider variety of teaching strategies and design communicative grammar practice activities where teacher education candidates develop teaching plans demonstrating appropriate grammar teaching methods.

EDC 331 Targets Parts

of speech and uses samples of texts from various literary genres, including, but not limited to, newspaper clippings, magazine articles, and poetry, to illustrate grammatical concepts and serve as models for improving writing and extending vocabulary.

EDC 332 Teaching English Grammar II

3 Credits

This course builds on EDC 331 Teaching English Grammar I. Teacher education candidates continue to learn to use and teach English grammar using a variety of teaching strategies. Candidates will learn to develop and design implicit and explicit, contextualized, communicative grammar activities in the areas of speaking, listening, reading and writing. Candidates will learn how to use a variety of texts, including multimedia texts, and selections from assorted literary genres such as short stories and essays to explore language and teach the grammar topics.

EDC 335 Administration of Education Programs

3 Credits

Course focuses on how programs are administered and implemented and the role and functions of those who administer programs, including organizational structure and governance.

EDC 341 Learning English in Schools

3 Credits

Introduction to the theories of acquiring second languages compared to first language acquisition, especially how oral and written language are similar and different. Basic concepts and terminology of form, structure, and function of English.

EDC 350 Education Studies I: The Learner

3 Credits

Focuses on the student as a learner, including the learner-centered classroom, student motivation, planning the learning environment, and catering for diverse learning styles are studied.

EDC 350A Practicum I

1 Credit

Practicum I is a laboratory in teaching and learning that focuses on providing teacher and social worker candidates opportunities to observe children and school communities and relate their observations to the study of human learning, which is the focus of EDC 350.

EDC 350AL Education Studies I: Arabic Lab

2 Credits

Education Lab (1) Education Studies I: The Learner Arabic Lab I deals with the development of Arabic Language skills (listening, speaking, reading, and writing) through a number of activities that are related to the field such as: translation, summary of a book chapter, academic essay, commentary on audiovisual material, educational case study). Students will work on these activities in class, with commitment to the criteria for language accuracy. There will additionally be a focus on the development of educational knowledge and background with the use of Arabic terminologies and concepts, which will prepare students for being in line with the educational boost that the country is witnessing.

EDC 351 Education Studies II: Instructional

Strategies

3 Credits

Study of teaching and the work of teachers in relationship to learning. Contemporary issues affecting the classroom teacher in the United Arab Emirates serve as a specific focus.

EDC 351A Practicum II

2 Credits

Practicum II consists of supervised field experiences in a school setting. Students have the opportunity to teach lessons and lead activities and to engage in planning individual, small group and whole class interactions under the mentorship of the classroom teacher.

EDC 352 Early Childhood Mathematics and Science I

3 Credits

Foundational concepts, process skills, alternative ideas, research, and the integration of mathematics (numeracy) and science (inquiry) with literacy development.

EDC 353 Assessment in the Content Area

3 Credits

Current theories and approaches to assessment in the subject areas are explored, focusing on the development of appropriate student assessment policies and procedures for the preparatory classroom. Critical analysis of student assessment and data is included.

EDC 354 Communicative Competence in English

3 Credits

Principles and practice of how language is used to communicate in a variety of contexts and situations. Focus on teachers' knowledge of language and the interconnectedness of receptive and productive skills and ways to develop these skills.

EDC 355 Developmental Reading and Writing in the Content Areas

3 Credits

Study of literacy development in different content areas. Students learn how to adapt existing course materials and how to develop materials to meet the learning needs of language learners they will have in classes.

EDC 366 Introduction to Research and Measurement in Education

3 Credits

Research and measurement methods specific to education are studied. Students learn to locate, read, understand, and critique research articles. They are also introduced to action research methods.

EDC 367 Interventions with Children

3 Credits

The purpose of this course is to build on candidate's knowledge of child development and interpersonal relationships to assess and apply research based prevention and intervention methods with children. Students will examine how societal contexts influence their approaches and how the parent-child relationship may be fostered.

EDC 368AL Communicative Competence in Arabic

2 Credits

This course studies current pedagogical practices that teachers can use to develop students' communicative skills in Arabic. Prospective teachers develop their own communicative competence in Arabic with increasing emphasis on reading and writing competence, and development of ease of use of and using modern Arabic in teaching or presentation contexts.

EDC 373 Emergent Literacy and Language Learning

3 Credits

This course introduces candidates to basic principles and issues related to emerging and early literacy and language for young children or children new to a language. Particular emphasis is given to practices and strategies for developing oral language and reading and writing skills of young children.

EDC 386 Literature for Children and Adolescents

3 Credits

Prepares students for teaching or working with children and adolescents. Covers a variety of types of literature, genre, and age groups and their study. Methods and techniques of using children's literature for a variety of purposes are explored.

EDC 393 Teaching Mathematics I

3 Credits

Students study the mathematical content and teaching methodologies needed for teaching mathematics in elementary school, concentrating on arithmetic, algebra and number theory. Specific areas addressed include the history of numbers, numeracy, rules of arithmetic, numeration systems place value, simple geometry, and graphs.

EDC 394 Teaching Mathematics II

3 Credits

This course prepares the elementary teacher to teach the mathematical content in elementary school in a concrete and experiential approach. Topics covered include fractions, geometry, symmetry and regular figures, inductive and deductive reasoning, and introductory probability and statistics.

EDC 395 Teaching Computer Technology

3 Credits

The course provides an overview of local and international computer technology standards. It explores a variety of approaches to infusion of computer technology into school subjects. Technology proficiency is enhanced through engagement of practical applications in school and learning settings. Learning theories and their relationship technology use are explored, as well as the potential of technology enhancement of teaching and learning.

EDC 407 Adult Education

3 Credits

Examines the perspectives of adult development, philosophy and key theories of adult education, the integration of adult learning with career goals, and the assessment of educational needs of adults.

EDC 431 Partnership with Families and Communities

3 Credits

This course will focus on the influence of family, school, the community and other social and political institutions on children's development from a comparative education perspective. The course on developing professional-family relationships that are meaningful, cooperative, and productive and that provide families with supportive services and guidance to community resources.

EDC 432 Professional and Legal Issues

3 Credits

This course introduces the profession of school social work and what it means to act professionally, and within a legal context. Students acquire the knowledge base and skills required to identify ethical issues, resolve ethical and professional dilemmas, to make ethical and professional decisions when faced with conflicting duties and choices in the context of family law.

EDC 450 Education Studies III: Curriculum Design

3 Credits

Examines curriculum planning, implementation, and evaluation through the preparatory grades including issues of scope, sequence, and articulation.

EDC 450A Practicum III

2 Credits

Practicum III continues a program of supervised engagement and interaction in a school setting and provides opportunities for students to work with mentors, students, and school communities, and to engage in planning, teaching and assessment in a variety of formats, including whole class contexts. Students will critically reflect on their teaching practice with the mentor teacher and the university supervisor.

EDC 452 Early Childhood Mathematics and Science II

3 Credits

Study of the teaching of mathematics and science to young learners (age 5-8 years) in the context of literacy development is continued. NAEYC Standards, as well as the standards for NCTM and NSTA, alignment of content, and integrated teaching strategies are emphasized.

EDC 453 Teaching Science

3 Credits

Foundational concepts of teaching science, process skills, misconceptions, research, and the integration of science with other subjects, including language. Students will develop skills in the teaching of science.

EDC 460 Learning Technologies in the Classroom

3 Credits

Study of the principles underlying current uses of technology in K-12 settings. Technology is examined across a range of instructional areas. Students are encouraged to develop a range of perspectives and skills related to use of technology for educational purposes.

EDC 465 Teaching Students with Special Needs

3 Credits

This course examines the differentiation involved in teaching children with special needs in inclusive classrooms. Students explore the range of learning needs found in their practicum experiences and work closely with mentor teachers and faculty supervisors to consider possibilities for support of students who require special instructional support.

EDC 466 Marriage and the Family

3 Credits

Understanding the factors within a family that influence behavior challenges in children and adolescents. Assessment of behavioral issues and specific interventions that promote healthy child and youth development.

EDC 473 Literacy and English Language Learning II

3 Credits

Builds on and extends the knowledge base and understanding of how children and youth learn to read and write. A central tenant of the course is that the best teachers of literacy are themselves active and engaged readers and writers.

EDC 475 English Language Learning Methods and Materials I

3 Credits

The course will begin with an overview of the underlying principles, characteristics, and applicability of various methods for teaching listening and speaking to ELLs. It explores the historical and current trend of instructional approaches, methods, and techniques. Next, it explores methods and techniques for teaching the micro skills of listening and speaking, followed by an analysis and evaluation of a variety of ELL materials. Finally, the course will conclude with a look at current issues in language teaching, including language assessment, standards, and ELL program models.

EDC 490 Student Teaching

12 Credits

The Student Teaching consists of seminars and supervised teaching. Responsibilities include individual, small group and whole-class work under supervision. The School Teaching also includes a project or research component to be determined based on student area of specialization and interest..

EDC 492 Internship

6 Credits

The Internship consists of seminars and supervised practice in a school or community service 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 specialization and interest.

EDC 495 Independent Study in Education

3 Credits

Completion of a student-defined area of study relating to schools, teaching, or other aspects of education. Permission of the Dean is required.

EDC 497 Special Topics in Education

3 Credits

Consideration of important, current topics relevant to education in the United Arab Emirates. This may be an experimental and may take different formats, depending on the topic. Permission of the Dean is required.

ENG 222 English for the Professions I

3 Credits

The course will lead from the COL 240 outcomes into 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-departmental 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.

ENG 223 English for the Professions II

3 credits

ENG 223 is designed to meet the needs of students who have taken ENG 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.

ENV 240 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.

Co-requisite: ENV 240AL

ENV 240AL Arabic Lab I

1 Credit

The Arabic Lab accompanies ENV 240. It will explore Arabic readings and terms from an Environmental Science and Sustainability perspective. Additionally, coursework will function as practice for students in delivering formal subject-related presentations in Arabic.

Co-requisite: ENV 240

ENV 241 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.

Prerequisite: COL 165, COL 260

ENV 360 Environmental Policy and Economics

3 Credits

This course provides an overview of the policy-making process, enforcement and regulation, the behavior of interest groups and stakeholders, and the actions of policymakers. Students will be able to understand and critique the current policy responses to some of the major environmental issues of our time, including climate change, water pollution, deforestation, and the loss of biodiversity. Local and international case studies will be discussed and compared. The course will also explain key economic concepts in the context of environmental problems, including market forces, environmental evaluation, cost-benefit analysis, and international trade.

Pre-requisite: MTH 281, ENV 240

ENV 371 Introduction to Environmental Health

3 Credits

This course introduces students to the fundamental concepts of human health risk assessment process involving toxicological principles as applied to the study of hazard assessment, dose-response assessment, exposure assessment, risk characterization. Case studies examples will illustrate the applications of risk assessment process, toxicology; convey the complexity of risk assessment and the challenge of data collection, monitoring.

Pre-requisites: BIO 201, BIO 202, CHE 201, CHE 202

ENV 470 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.

Co-requisite: ENV 470AL

Pre-requisites: CHE 201, CHE 202, BIO 372

ENV 470AL Arabic Lab II

1 Credit

This Arabic Lab accompanies ENV 470 Water and Solid Waste Management. Building on ENV 240AL, this course will continue to explore Arabic readings and terms from an Environmental Science and Sustainability career perspective. Additionally, coursework will function as practice for students in delivering formal subject-related presentations in Arabic.

Co-requisite: ENV 470

ENV 474 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, bio-fuels, along with oil, 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-requisites: ENV 240, ENV 241, ENV 360

ENV 477 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-requisites: ENV 240, ENV 241, ENV 360, ENV 474

ENV 490 Internship

6 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.

ENV 491 Senior Project

3 Credits

The Senior Project is a culminating experience requiring students to synthesize and integrate knowledge acquired in their coursework and other learning experiences. They will apply 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.

HSC 205 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.

HSC 210 Principles of Nutrition II

3 Credits

On the basis of healthy individuals, this course will focus on sources, digestion, absorption and utilization of micro-nutrients 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.

Prerequisite: HSC 205

HSC 267 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. The 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. It will also discuss how much of modern public health today is about tackling strongly vested interests (e.g. tobacco companies) as well as examining the importance of empowering people, so that they can make healthy decisions, and the political nature of public health.

HSC 267AL Arabic Lab I

1 Credit

This Arabic Lab accompanies HSC 267 Public Health I.

This course will explore Arabic readings and terms from a Public Health and Nutrition career perspective. Additionally, coursework will function as practice for students in delivering formal subject-related presentations in Arabic.

Co-requisite: HSC 267

HSC 307 Nutrition Across the Lifespan

3 Credits

Examines nutritional needs and problems associated with different ages and phases of human development, physiological states and lifestyles, with emphasis on fitness and dietary requirements.

HSC 316 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.

Prerequisites: HSC 307, HSC 328

HSC 318 Food Science

3 Credits

This course examines the basic constituents of foods and the chemical and physical actions and reactions that cause nutritional, sensory and other changes before, during and after processing. Students use scientific method in laboratory experiments to facilitate the understanding of food and nutrition, and science.

Prerequisites: HSC 307, HSC 328

HSC 323 Food Sanitation and Hygiene

2 Credits

Explores 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-requisites: BIO 201, CHE 201

HSC 328 Diet Planning and Assessment

3 Credits

Using management concepts and incorporating dietary software to plan, implement, and assess individual and group food intakes.

Pre-requisites: HSC 205, HSC 210

HSC 366 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 U.A.E., the region and globally, and explore how public policy is influenced by such information.

HSC 367 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.

*Co-requisite: HSC367AL**Pre-requisite: HSC267***HSC 367AL Arabic Lab II**

1 Credit

This Arabic Lab accompanies HSC 367 Public Health II. Building on HSC 267 accompanied by HSC 267AL, this course will further explore Arabic readings and terms from a Public Health and Nutrition career perspective. Additionally, coursework will function as practice for students in delivering formal subject-related presentations in Arabic.

*Co-requisite: HSC 367***HSC 402 Diet and Disease**

3 Credits

This course examines the effects that malnutrition and overeating have on human health. Students consider diseases that can result from dietary deficiencies. The protective value of some foods will also be considered.

HSC 412 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 cover upper and lower gastrointestinal diseases in depth, and include Medical Nutrition Therapy.

*Prerequisites: HSC 307, HSC 328***HSC 422 Nutrition and Health Counseling**

2 Credits

The course provides a step-by-step guide to the fundamentals skills on counseling strategies, and how to effectively communicate with healthy individuals as well as patients about health and nutrition. It offers detailed counseling and communications strategies and relevant social, cultural, and psychological factors that gives a practical, hands-on approach to developing counseling skills. Students will also apply their knowledge on clients.

*Prerequisites: HSC 367, HSC 412***HSC 440 Medical Nutrition Therapy II**

3 Credits

The course will give students knowledge about kidney and liver diseases, cancers and HIV, with a focus on Medical Nutrition Therapy (MNT). Students will also learn on how to handle metabolic and respiratory stress from a nutrition perspective. The course will deepen students' applied knowledge of the nutrition care process previously studied (e.g. Medical Nutrition Therapy I), and it will introduce students to alternative feeding ways (enteral and parenteral nutrition) and rationales for when and how to use it.

*Prerequisite: HSC 412***HSC 450 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. Teaching and assessments are case-study based.

*Prerequisite: HSC 367***HSC 466 Research Methods**

3 Credits

The course provides an introduction methodologies used in 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 capstone projects and post-graduation professional research process.

HSC 480 Professional Practices in Health Sciences

3 Credits

This course aims to develop habits of the reflective practitioner, and to provide an understanding of organizational systems, as well as legal and ethical dimensions of professional life. It prepares students for success in professional positions in health education and health promotion, environmental health, and nutrition.

HSC 480AL Professional Practices in the Health Sciences

1 Credit

This Arabic Lab accompanies the Professional Practices in the Health Sciences. It will explore Arabic readings and terms from a Health Sciences career perspective. Additionally, coursework will function as practice for students in delivering formal health-focused presentations in Arabic.

*Co-requisite: HSC 480***HSC 490 Internship**

6 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.

HSC 490a

3 Credits

Internship provides professional experience for Health Sciences students through observations and guided tasks 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.

HSC 491 Senior Project

3 Credits

The Senior Project is a culminating experience requiring students to synthesize and integrate knowledge acquired in their coursework and other learning experiences. They will apply 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.

HSS 200 Social and Economic Trends in the Gulf

3 Credits

Explores the many facets of social and economic trends that are emerging in modern Gulf societies. Raises students' awareness of the dynamics of globalism and how its forces impact local and regional communities. Identifies new socioeconomic trends and analyzes 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.

HSS 200AL Arabic Lab

1 Credit

This lab is taken in conjunction with HSS200 Social and Economic Trends in the Gulf. It is designed to support students' competency in Modern Standard Arabic. Students are trained to read critically, describe, debate, discuss, analyze, and convey oral messages following the canons of the M.S.A. Emphasis is also placed on enhancing the skills of summarizing, essay writing, research and presenting evidence in the Arabic Lab portfolio.

*Co-requisite: HSS 200***HSS 201 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 in 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.

HSS 202 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.

HSS 210 Introduction to International Relations

3 credits

Introduction to the basic concepts and processes in the relations between nations provides an introduction to the issues, events, laws, and traditions that shape the modern international system.

HSS 211 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.

HSS 251 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.

HSS 252 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.

HSS 261 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.

HSS 301 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.

HSS 302 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.

HSS 311 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.

HSS 314 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.

HSS 321 Heritage of the Gulf

3 Credits

Focuses on the rich heritage of the Gulf and the U.A.E. in particular, addressing primarily issues of identification, conservation, and management of heritage sites and material culture. Assessment of Cultural Resource Management strategies for the Gulf states.

HSS 322 Creative Writing: Experiments in Genre

3 Credits

This course provides students with opportunities to use traditional and contemporary forms in fiction, poetry, and nonfiction prose. Models for each genre provide structures on which the student can develop individual writing proclivities and a "voice." Revision, editing, and reworking of ideas receive substantial emphasis.

HSS 324 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.

HSS 325 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.

HSS 327 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 are examined.

HSS 328 Humanistic Enquiries: Critical Thinking I

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-requisites: HSS 251 or HSS 252

HSS 329 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-requisites: (HSS 251 or HSS 252 and HSS 261) or HSS 328

HSS 330 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.

HSS 331 Introduction to Linguistics

3 Credits

This course introduces students to the basic concepts that define the various systems of language: phonetics, phonology, morphology, syntax, semantics and pragmatics. It also examines the social and cultural aspects influencing language use in the classroom, as well as in everyday life.

HSS 332 International Relations in the Gulf Region

3 Credits

The course explores the evolution of politics in the Gulf Region from the withdrawal of the British Empire, the Iranian Revolution, the two Gulf Wars, and the emergence of the Gulf Cooperation Council. Common challenges and opportunities to the Gulf countries are explored in this course: Legal and illegal immigration, a common monetary policy, the political situation in the broader Middle-East, and the development of the Iranian nuclear program among others.

HSS 333 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.

HSS 334 The Politics of Oil

3 Credits

The course explores the evolution of the oil industry. Students will explore the origins of the oil industry in the United States and Russia at the beginning of the 20th century. The latter expansion into other regions will follow especially in regards to the Middle East, 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.

HSS 335 Implicit English Grammar

3 Credits

This course examines the structure of English sentences and texts in order to discover implicit grammar rules. In the process, students learn how to analyze language structure and how varying the structure conveys different meanings.

HSS 341 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.

HSS 343 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.

HSS 352 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.

HSS 353 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.

HSS 360 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.

HSS 361 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 & South East Asia.

HSS 362 Popular Cultures

3 Credits

This course will investigate the intersection between everyday life, mass media, and broader political and historical contexts in different societies. The course will explore how meaning is created and received through various forms of popular media and cultural expression, such as television drama, music, advertisement, novels, fashion, the Internet and others. We will consider key theoretical readings and different methods to studying popular culture, using an interdisciplinary approach.

HSS 363 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.

HSS 364 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.

HSS 366 Classical Literature

3 credits

The literary texts of Classical Greece and Rome frame contemporary local and global discussions of history, the relationships of individuals within society, cosmopolitanism, citizenship, self and communal governance, statecraft, education, ethics, law, rhetoric, aesthetics, epistemology, logic, the literary genres of Epic, Tragedy, Pastoral, Comedy, and the arts associated with Drama, modern philology, archaeology, hermeneutics, and both the Continental and Anglo-American philosophical traditions. This course will examine the origins of the ideals and problematics that continue to govern conversations between cultures, and of what it is to be human, within the texts of the Classical world.

HSS 367 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.

HSS 368 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.

HSS 371 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.

HSS 374 Comparative Sociology

3 Credits

Study of human societies emphasizing sociocultural origins and consequences of modernization as a sociological phenomenon. Special attention to social changes in rapidly developing societies such as the U.A.E.

HSS 381 Legacy of Sheikh Zayed bin Sultan al

Nahyan

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.

HSS 382 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.

HSS 383 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.

Pre-requisite: HSS 202

HSS 384 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.

HSS 385 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.

HSS 391 Research Methods

3 Credits

Introduction to the research methods used in the humanities and social sciences. Students will learn how to design and implement research using both qualitative and quantitative strategies.

HSS 391AL Arabic Lab

1 Credit

Arabic Lab for HSS 391 Research Methods.

Co-requisite: HSS 391

HSS 395 Independent Study

3 Credits

A student may, with the permission of the department, study a particular field, issue or problem under the guidance of a member of the academic staff.

HSS 397 Special Topics

3 Credits

This course is offered to meet special needs of students and staff, satisfying a demand for a special topic or area course.

HSS 401 Political History of the U.A.E.

3 Credits

This senior level course critically examines the period from 1906 to 2004 with in-depth analysis 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, and the final British withdrawal from the Gulf. 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: HSS 201

HSS 421 Policy Case Study I

3 Credits

This course focuses on heritage and cultural tourism as it is implemented in the U.A.E.. Specific case studies will include sites developed for Eco-Tourism, Heritage Tourism and Arts Tourism throughout the country such as Sir Bani Yas Island, Sharjah's historic district, and the new museums and cultural districts planned for Abu Dhabi and Dubai.

HSS 422 Policy Case Study II

3 Credits

Builds upon HSS 421 Policy Case Study I and further explores policy-making and implementation.

HSS 423 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.

HSS 453 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.

HSS 455 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.

HSS 458 World Regions: Societies and Cultures

3 Credits

Using different regions of the world, including Asia, Africa, and the Americas, this course examines the cultural and social diversity in each area. Emphasis is on social change, globalization, women in economy and political life.

HSS 497 Senior Seminar: Modernity and Morality

3 Credits

The class starts with a historicized discussion of various understandings of modernity and raises fundamental questions about the concept of morality and its place in the modern world. Recognition of the negative/destructive character of modernity (with its oppression, exclusion and genocidal violence) has led to a critical reevaluation of the future prospects of a modern morality. The senior seminar is designed to tackle big philosophical questions related to morality, truth, knowledge, power, science, and culture—questions that cut across disciplinary boundaries of the humanities and social sciences.

HSS 466 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.

HSS 490 Internship

6 Credits

Opportunity for the student to gain practical experience of the workplace relevant to their major, 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.

HSS 495 Honors 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 major 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.

HSS 496 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 major 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: Honors Thesis I***ISL 209 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 important organizations, and cities of Muslims.

ISL 210 Islamic Political Thought

3 Credits

a Europe b Americas c Middle East d Africa
e East Asia f South and South East Asia different undercurrent movements, important issues directly related to the lives and so The course aims at (a) introducing students to the evolution of political thought in Islamic history, (b) training students to analyze Islamic classical scholarly texts, (c) training students how to evaluate and critique Muslim scholars within their socio-historical context and (d) training students on the methods of comparing political thoughts from different epistemic perspectives, particularly Islam and the West.

ISL 495 Independent Study

3 Credits

This course will examine different issues of the contemporary Muslim world. It deals with sociopolitical problems that face GCC countries in particular and the Arab world in general. For example, it may concentrate on women and development in the Arab world, education and development in the U.A.E., or globalization in the Arab world. In each subject, the student is expected to do various activities including reviewing books, commenting on articles, collecting related data, and writing a paper.

MTH 101 Basic Mathematics

3 Credits

Students review foundational mathematical skills such as graphs, percentages, fractions, decimals, and exponents, and are then transitioned into fundamental algebra skills. Students build upon the foundational mathematics skills to explore the applications of basic algebra is used in real life word problems.

MTH 103 Pre-Calculus

3 Credits

This course is designed to prepare students for calculus and other higher level mathematics courses. Students will study linear functions, polynomial functions, rational functions, exponential functions and logarithmic functions in both algebraic and graphical representations. The course will introduce both computational uses as well as how they are used in real life word problems. Students will be introduced to the idea of limits.

*Pre-requisite: CEPA score or permission of Department Chair***MTH 113 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 principles of 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 rules and procedures to solve practical problems in the world of business, finance and economics.

MTH 114 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: COL 111 or COL 112***MTH 118 Finite Mathematics with Probability**

3 Credits

This course introduces logic and set theory, the language of mathematics, and it uses them in the study of fundamental counting principles and basic probability. Emphasis is given to practical applications of counting and probability.

*Pre-requisite: COL 110 or qualifying CEPA score***MTH 121 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***MTH 122 Calculus II**

3 Credits

The course covers techniques of integration including improper integrals and resolving indeterminate forms. A variety of examples of applications of integral calculus are considered from many fields. The course also deals with coordinate systems other than Cartesian. The applied topics are chosen from multivariable calculus, differential equations and infinite series.

*Pre-requisite: MTH 121***MTH 213 Business Statistics**

3 Credits

This course introduces students to important ideas in business statistics. It uses the techniques and rules of probability and statistics to study applications in a business context. The course includes organization and presentation of data; measures of central tendency; measures of variation; probability; discrete and continuous probability distributions; and statistical inference.

MTH 261 Elementary Geometry

3 Credits

This course provides students with an understanding of the basic theorems of geometry and will introduce them to using proofs in mathematics. The course concentrates on Euclidean geometry and the applications of the theorems. Methods of teaching geometry in the schools to students of various grade levels is also investigated.

MTH 281 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.

Pre-requisite: COL 111 or permission of Department Chair

MTH 291 Quantitative Methods for Business

3 Credits

Topics covered include the basics of functions, including linear and exponential functions, solving simultaneous linear equations and the mathematics of finance. Some basic statistics are also included, such as sampling, a review of descriptive statistics, simple probability, confidence intervals, hypothesis testing, time series, and regression.

MTH 331 Linear Algebra

3 Credits

Linear algebra is important in areas such as information technology, engineering, business, and finance. This course is an introduction to the essential elements of linear algebra, and covers matrices; systems of linear equations; and Euclidean n -space; orthogonality; linear transformations; determinants; eigenvalues and eigenvectors.

Pre-requisite: COL 111 or permission of Department Chair

MTH 333 Abstract Algebra

3 Credits

An introduction to the fundamental concepts of modern algebra, including cyclic and permutation groups, normal subgroups, factor and quotient groups, isomorphism theorems, integral domains, polynomial rings and applications of group theory. Prepares students for more advanced study in field theory and Galois theory.

Pre-requisite: MTH 122

MTH 341 Differential Equations

3 Credits

Differential equations are used to represent dynamical systems in science, engineering, business, economics, and finance. This course emphasizes applications using technology to facilitate understanding. Topics include: an introduction to first and second order linear differential equations; series solutions of differential equations; numerical solution of ordinary differential equations and partial differential equations.

Pre-requisite: MTH 122

MTH 343 Real Analysis

3 Credits

The course begins with the rationale behind the development of the subject after the problems created by Fourier's solution of the heat equation and the ensuing attempts to establish a firm foundation for calculus. This leads to rigorous treatment of infinite series, differentiability, continuity, and ends with Fourier series expansion.

Pre-requisite: MTH 121

MTH 351 Discrete Mathematics

3 Credits

The course provides students with the mathematical tools they need to support their work as Information Technology majors; many topics are useful Pre-requisites for further course in mathematics. Topics covered include: numbers and number systems; sequences and series; vectors and matrices; set theory; logic; relations and functions; inequalities; combinatorics; problem solving strategies; and algorithms.

Pre-requisite: COL 111

MTH 353 Numerical Analysis

3 Credits

Numerical approximation techniques are important in areas such as computer applications, science and engineering, economics, and financial modeling. The aim of this course is to explain how and why they are used and when they can be expected to work. Topics include: non-linear equations; systems of linear equations; approximation of functions and data; numerical differentiation and integration; and ordinary differential equations.

Pre-requisites: MTH 122, MTH 331

MTH 361 Modern Geometry

3 Credits

This course continues on the Euclidean geometric theorems. Students will write more complicated proofs to explain various problems using both direct and indirect proofs. The course will introduce topics in spherical geometry and investigate differences between Euclidean and non-Euclidean Geometry.

Pre-requisite: MTH 121

MTH 390 Selected Research Project

1 TO 3 Credits

Under the direction of a faculty member, a student pursues a selected independent research project on some area of mathematics. This research may be based on published material or on modeling work. (A faculty member must agree to act as supervisor before a student is permitted to enroll.)

Pre-requisite: Permission of Department Chair

MTH 482 Probability and Statistics II

3 Credits

This course is a continuation of MTH 281. Topics covered include sampling distributions and the Central Limit Theorem; point estimation of population parameters; large and small sample confidence intervals for the mean, variance, standard deviation and proportion; large and small sample hypothesis testing for the difference between two means, variances and proportions; regression and correlation; contingency tables and goodness of fit.

Pre-requisite: MTH 281

MTH 486 History of Mathematics

3 Credits

This course examines 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.

PHY 201 General Physics I

3 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.

Co-requisite: PHY 201L

Pre-requisite: COL 111

PHY 201L Laboratory Component for PHY 201

1 Credit

This course is a required lab component for PHY 201.

Co-requisite: PHY 201

PHY 202 General Physics II

3 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 and optics, as well as nuclear physics and radioactivity. Laboratory experiments emphasize the theoretical concepts and utilize advanced computerized technology.

Co-requisite: PHY 202L

Pre-requisite: PHY 201

PHY 202L Lab Component for PHY 202

1 Credit

This course is a required lab component for PHY 202.

Co-requisite: PHY 202

PSY 212 Introduction to Psychology

3 Credits

This course integrates traditional principles of psychology as a way of helping students to know themselves, their culture, and their society.

Co-requisite: PSY 212L

PSY 212AL Arabic Lab I

1 Credit

This course accompanies PSY 212. It will explore Arabic readings and terms related to traditional principles of psychology.

Co-requisite: PSY 212

PSY 310 Introduction to Counseling

3 Credits

Explores public and private social services. Focuses on agency service delivery, structure, policies and community role. Covers beginning knowledge and skills needed for providing intervention with individuals, families, groups and social systems.

Graduate Courses

PSY 321 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

PSY 325 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 U.A.E..

PSY 330 Personality and Individual Differences

3 Credits

This course critically examines personality theories developed by Freud, Jung, Adlers, Horney, Erikson, Allports, Cattell, Eysenck, Kelly, Maslow, Rogers, May, Skinners, Rotters, and Bandura. Students will have a broad understanding of how personality is theorized over the course of history in psychology. They will have the opportunity to compare and contrast theories critically, show effort to integrate and apply them to real world situations.

PSY 363 Social Psychology

3 Credits

This course investigates theories and research findings of social psychology, including areas of animal social behavior, socialization, language and communication, attitudes, and group processes. It presents an overview of conditions that affect individuals in a social context and examines themes such as attitudes, impression formation, interpersonal relations, and group membership. Topics also cover socialization processes and dynamics, social cognition, perception of self and others, attributions, and organizational processes.

PSY 340 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

PSY 371 Organizational Psychology

3 Credits

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

PSY 375 Health Psychology

3 Credits

Students will study the sociocultural, psychological, and biological determinants of behavioral risk factors 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

PSY 410 Individual and Family Assessment

3 Credits

Examines conceptual frameworks and approaches to child and family counseling. Application of basic counseling techniques in family counseling. Supervised by professional family counselor.

Pre-requisite: PSY 212

PSY 413 Individual and Family Intervention Strategies

3 Credits

Application of counseling techniques for crisis intervention and family problem solving.

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BUS 610 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.

BUS 630 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.

BUS 631 International Finance and Banking

3 Credits

This course gives an overview of international financial markets, exchange rate determination, hedging, financial assets and investing internationally.

BUS 632 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.

BUS 633 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.

BUS 634 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.

BUS 638 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).

BUS 640 Human Resource Management

3 Credits

This course provides a framework for thinking strategically about the management of human resources in organizations.

BUS 655 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

BUS 656 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.

BUS 657 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.

BUS 658 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.

BUS 659 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.

BUS 660 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.

BUS 663 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.

BUS 664 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.

BUS 666 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.

BUS 667 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.

BUS 668 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.

BUS 669 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.

BUS 680 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.

BUS 690 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.

CIT 501 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.

CIT 505 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.

CIT 508 Linux Security

3 Credits

This course focuses on securing computers running the Linux operating system in a networked environment. Topics covered include user account security, file system security, and more emphasis on network security including packet filters and firewalls. Advanced security technologies such as Kerberos may also be covered. This course encourages students to: audit existing Linux machines; administer and manage a Linux system securely in a networked environment; secure commonly deployed services; and deploy new services.

Pre-requisite: CIT 505

CIT 510 Information Security Policy, Ethics and Law

3 Credits

This 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.

CIT 515 Network and Internet Security

3 Credits

This course covers CIT security protocols and applications in local and global networks, including intrusion detection, and protection from denial-of-service attacks and viruses. Includes hands-on lab exercises.

Pre-requisites: CIT 505, CIT 508

CIT 520 Information Security Management

3 Credits

This course focuses on the concepts of information security presented in a systems engineering approach that provides managers with tools and understanding needed to allocate scarce security resources effectively.

Pre-requisite: CIT 510

CIT 530 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 role. Students completing this course familiarize 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 get prepped to deal with investigative bodies at a rudimentary level.

Pre-requisite: CIT 505

CIT 535 Advanced Cyber Forensics

3 Credits

This course discusses advanced topics in cyber forensics. Students completing this course gain practical and research skills necessary to perform advanced cyber forensic investigations. Covered topics are: Anti-forensics, e-mail forensics, network forensics, and volatile memory forensics.

Pre-requisite: CIT 530

CIT 536 Analysis of Computerized Data

3 Credits

This course examines methods and techniques used to conduct post-mortem high technology crime investigations and to gather probative evidence. It includes the use of professional forensic tools to analyze evidence data.

Pre-requisite: CIT 535

CIT 537 Advanced Forensic Analysis – Post-Mortem Investigations

3 Credits

This course focuses on in-depth analysis of recovered digital data, including advanced artifact recovery, windows registry snapshots and recovery, word/text searching, GREP expressions and scripts to increase search effectiveness and advanced file system forensics.

Pre-requisite: CIT 536

CIT 538 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. It provides students with the skills necessary to retrieve digital evidence from mobile devices in a forensically acceptable manner. Primarily, students learn about the ontology of small scale digital devices, wireless networks and technologies associated with the devices, and how they can aid in small scale digital device investigations.

Pre-requisite: CIT 535

CIT 539 Practicum: Proactive Internet Investigations

3 Credits

This course provides the knowledge, skills and hands-on experience to conduct proactive investigations in a cyber-environment. Covered topics include establishing an online undercover identity, instant messaging channels, and identification of online evidence.

CIT 540 Database and Enterprise Application Security

3 Credits

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 implement security features using triggers, views and stored procedures as well as study new features such as Virtual Private Database.

Pre-requisite: CIT 505

CIT 545 Penetration Testing and Advanced Hacking Techniques

3 Credits

This course covers penetration-testing advanced tools and techniques that ethical hackers and security testers use to protect computer networks. It 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-requisites: CIT 505, CIT 508

CIT 570 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: CIT 515

CIT 575 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: CIT 505

CIT 579 Risk Assessment and Vulnerability Analysis

3 Credits

The course further develops the identification and application of information-risk-management models by tracing the entire lifecycle 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-riskmanagement 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: CIT 520

CIT 595 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.

CIT 596 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.

CIT 597 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.

CIT 599 Independent Research

6 Credits

This course gives students the opportunity to apply what they have learned in other courses they've taken into this program. Students are encouraged identify an advanced research topic or industry/ faculty project that solves a significant problem related to cyber security. They then research that topic or fulfill the requirements of their project and compose an original paper to document their findings.

COM 501 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. tourism, corporate, multimedia, and corporate communication) and other areas of study (e.g. persuasion and non-verbal communication).

COM 502 Introduction to Communication Research

3 Credits

This course presents an introduction to general qualitative and quantitative methodologies typically used by professionals to conduct applied communication research. Example topics include the design, sampling and measurement techniques used in survey research, constructing and conducting in-depth interviews and focus groups, and applying content analysis for comparative and interpretative purposes for message development and media coverage.

COM 503 Communication Theory

3 Credits

This course is presents introduction to selected theories of human communication. This course has a twofold purpose: (1) to examine a range of communication theories and models with regard to building and critiquing theory (e.g., scientific through critical/cultural approaches); and (2) to apply these theories to a variety of communication contexts (e.g., interpersonal through mass communication). This course gives particular attention to mass communication.

COM 504 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. *Pre-requisites: COM 501, COM 502*

COM 506 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. *Pre-requisites: COM 501, COM 502*

COM 507 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. Students will learn conceptual tools to critique and imagine applications within these domains as well as the conceptual and theoretical foundations for dealing with forms of social and digital media that emerge in the future.

COM 510 Public Relations Principals and Practices

3 Credits

This course examines the nature and role of worldwide public relations and the activities of public relations professionals, including major influences that affect organizational behavior, ethics, and professional development of practitioners in private and public sectors. Emphasis is placed on management, measurement and developing effective public relations strategies. The case study method of analysis and study is emphasized.

COM 511 Advanced Writing for Communication

3 Credits

This is a graduate-level seminar designed to explore writing for mass communication industries. The course, which is practical in nature, will explore the foundations of writing 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. *Pre-requisites: COM 501, COM 502, COM 510*

Com 512 Strategic Public Relations

3 Credits

Participants will develop skills in strategic public relations management. The course intends for students to understand how to develop public relations strategies and create brand stories by focusing on research, objectives, strategies, tactics and measurement.

COM 513 Corporate Social Responsibility and Ethics

3 Credits

The 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. *Pre-requisites: COM 501, COM 502, COM 510, COM 511*

COM 514 Internal Communications

3 Credits

Provides an in-depth look at communication effectiveness; how to use research to inform internal communication strategies; and change management communication theories. Focus on core topics such as: internal communication effectiveness, audit methodologies and application, change management theory, organizational communication, using research to inform and help develop internal communication strategies, internal communication media, and developing organizational identity.

COM 515 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.

COM 520 Tourism Principles and Practices

3 Credits

This course presents an overview of the tourism industry in the 21st Century. Due to tourism's key role in the national economies of developed and developing countries, governments and other authorities are increasingly involving themselves in the organization, development and control of tourism.

COM 521 Strategic Planning and Development

3 Credits

This course focuses on 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. *Pre-requisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 522*

COM 522 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. *Pre-requisites: COM 501, COM 502, COM 520*

COM 523 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. *Pre-requisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 521, COM 522*

COM 525 Tourism in the U.A.E. 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. *Pre-requisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 521, COM 522, COM 523, COM 527*

COM 527 Cultural Heritage in Tourism

3 Credits

Tourism economies of some places are based on cultural heritage. There is a growing realization of the importance of cultural heritage-based tourism, with increasing numbers of tourists worldwide. This course investigates the relationship between culture and tourism and builds awareness of cultural and heritage tourism and its various expressions, while directing students in the quest for effective heritage management. Considering cultural and heritage tourism within the global and the local context, this course will provide increased level of theoretical knowledge and research skills necessary for understanding issues in cultural heritage.

COM 550 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, such as SPSS, to produce an applied research proposal. *Pre-requisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 521, COM 522, COM 523*

COM 551 Advanced Research Project I

3 Credits

Under the supervision of a faculty member, students individually choose to conduct thesis research about a relevant communication topic or engage in an applied project. They carry out the initial phase of the thesis or project. College permission is required. *Pre-requisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 521, COM 522, COM 523, COM 550*

COM 552 Advanced Research Project II

3 Credits

Under the supervision of a faculty member, students individually complete the final phases of an advanced research project. Completion includes a presentation of the findings or project outcomes to representative faculty of the College. *Pre-requisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 521, COM 522, COM 523, COM 550, COM 551*

EDC 504 Foundations in Early Childhood

3 Credits

This course reflects on normative expectations of young children including unique characteristics of culturally diverse populations. There is a focus on gaining historical perspectives on early childhood philosophies and practices and towards understanding early childhood curriculum models, including the NSM (New School Model), and U.A.E. standards in early childhood education. Emphasis will be placed on strategies supportive of diversity, components of a quality early childhood education program and competencies and responsibilities reflective of an effective early childhood education professional.

EDC 511 Emergent Literacy and Early Literacy

3 Credits

This course is an exploration of principles, perspectives (including the New School Model), and methods and materials for teaching children in KG-Grade 3 who are developing new language or an additional language and literacy through a play-based integrated curriculum. Particular emphasis is given to practices and strategies for developing oral language and reading and writing skills of young children in a developmentally appropriate environment.

EDC 512 Discovery on Numeracy for Young Children

3 Credits

Students explore ways to support the young child's construction of knowledge in regard to numeracy and associated science process development in the NSM standards in early childhood education. The educational implications of current cognitive theory and related research are examined. The KG-Grade 3 standards of the New School Model provide a framework for curriculum and instruction in these areas. The course focuses on development of sound mathematical reasoning and scientific thinking in KG-Grade 3.

EDC 601 Introduction to Educational Research

3 Credits

This course is an introduction to the research process and critical analysis of published research, and looks at the design of research for the study of education.

EDC 602 Models of Educational Research

3 Credits

A continuation of the study of research with emphasis on models used to conduct meaningful research in educational settings. The strategies include quantitative and qualitative approaches such as statistical analysis, survey and questionnaire design, interviews, thematic analysis, case studies, and narrative inquiry.

EDC 602 Engaging in Educational Research

3 Credits

In this course, candidates will plan and implement a small-scale intensive study, related to their degree program, designed to develop and apply basic research skills and to support and contribute to the knowledge base about education in the U.A.E..

EDC 604 Statistics in Education and Human Services

3 Credits

This is an introductory course in statistical methods designed primarily for graduate students in the behavioral and social sciences. The class presents basic statistical concepts with an emphasis on the logic of inferential statistics.

EDC 613 Science, Math, and Technology for Young Children

3 Credits

This course explores how to create and implement mathematics, science, and technology experiences for young children in Grades 1-3 based on the NSM curriculum framework, with a focus on experiences that support learning and integrated thinking with math, science and technology, supporting literacy, as well as the use of technology in learning and the development of technological fluency. Participants will observe how children play and learn with technology in the content areas, and will learn how to use on-line tools to document, remediate, and expand children's learning experiences. This course considers the design of innovative curriculum infused with technological learning applications, observation and evaluation of technology-rich curriculum in classroom environments, and the foundational content knowledge development and understanding promoted in the New School Model for KG-Grade 3.

EDC 632 Strategic Leadership in Education

3 Credits

This course presents an introduction to the underlying constructs that are basic to the leadership of educational organizations. The course includes the critical examination of key leadership theories and their application.

EDC 635 Assessment and Evaluation

3 Credits

This course focuses on the basic assessment and measurement principles and applications in educational systems. Issues and models used in student and program evaluation are analyzed.

EDC 636 Educational Improvement and Systemic Change

3 Credits

This course presents an overview of the educational planning and change process, including theory, research, and practice, and the role of information management in decision-making.

EDC 637 Human Performance and Resource Management

3 Credits

This course focuses on management of personnel in the educational system and the use of financial and other essential resources. Students develop a framework for the allocation of resources and skills essential for site-based management.

EDC 640 The Learning Organization

3 Credits

This course examines educational organizations that can be used for the purpose of educational improvement in a complex system. It also focuses on the analysis of communication, bureaucracy, decision making, and organizational culture.

EDC 641 Foundations of Exceptionality

3 Credits

The course and associated field assignments provide an overview of basic concepts, issues, and best practices in special education services today. New and promising trends in technology are explored.

EDC 642 Learning Disorders: Practices and Strategies

4 Credits

This course examines current research on validated interventions designed to improve the performance of people with learning disabilities, with particular emphasis on positive performance supports and strategies.

EDC 643 Behavioral Disorders: Practice and Strategies

3 Credits

This course examines 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 supports and behavior change strategies.

EDC 644 Language Development and Communication

4 Credits

This course addresses communication, language development and acquisition including informal/functional communication/language assessment procedures. The impact of vision, hearing, and other senses in communication is examined.

EDC 645 Identification and Assessment of People with Special Needs

4 Credits

This course focuses on identification of learning and behavioral disabilities, including administration, scoring and interpretation of standardized assessment instruments. Participants will study the use of dynamic information, alternative assessments, and informal assessments including the analysis and interpretation of data.

EDC 646 Implementing Inclusive Education

3 Credits

This course addresses the knowledge and skills required for teachers to identify students who require differentiated instruction and activities due to talents, learning disability, developmental issues, or behavioral concerns.

EDC 647 Policy, Planning, and Management for Special Needs

3 Credits

This course provides an overview of U.A.E. national policy and legal issues affecting special education programs. The core concepts of effective program planning and management of special education will be addressed. Consideration is given to strategic use of resource allocation and human resources to maximize performance of people with special needs.

EDC 648 Trends and Issues in Special Education

3 Credits

This course focuses on the analysis of current trends and issues including ethics, collaboration with parents and community, transition strategies, testing in the U.A.E. and service delivery.

EDC 650 Science of Cognition and Learning

3 Credits

This course integrates key insights from current research and practice in human learning from the neurosciences, psychology, and education. Analysis of brain-based learning, motivation, individual differences, and mental models that influence student learning and achievement and how they relate to teaching is included.

EDC 653 Curriculum and Standards in an International Context

3 Credits

Students develop critical knowledge and understanding of the concept of curriculum and the skills necessary to manage, evaluate, administer, and maintain curricula at the leadership level. The course also provides an understanding of international standards in education. Focusing particularly on leadership and decision making attention is given to standards-based educational reform.

EDC 654 Leadership, Entrepreneurship, and Learning

3 Credits

This course focuses on the use of research-based knowledge of learning and leadership to understand trends in the entrepreneurial aspects of education, especially private schools and higher education.

EDC 655 Student, Community, and Community Services

3 Credits

This course focuses on strategies of leaders to engage services for students, support for the school, and the role of the larger community, including parents, child, and adolescent development. Effective communication and skills essential to effective collaboration are developed.

EDC 661 Implementing a Research-based Framework for Education

3 Credits

This course addresses the international standards movement and the research base on effective schools contextualized internationally and in the U.A.E.. Students examine the impact of the standards movement on K-12 curriculum internationally and particularly in the U.A.E..

EDC 662 Using Technology in the Classroom

3 Credits

This course addresses the role and the impact of technology on the 21st century schools and the development of a wide array of experiences in using and developing instructional technology for learning and data management.

EDC 663 Using Assessment for Learning

3 Credits

This course addresses the knowledge and skills required for teachers to identify informal and formal assessment opportunities in a standards-based environment, collect and analyze assessment data, and make informed decisions about curriculum and pedagogy needs to promote student achievement. DC 663 This course addresses the knowledge and skills required for teachers to identify informal and formal assessment opportunities in a standards-based environment, collect and analyze assessment data, and make informed decisions about curriculum and pedagogy needs to promote student achievement.

EDC 664 The Intersection of Development and Learning

3 Credits

This course addresses the relationship between human development and its role in the learning process.

EDC 665 Teaching in a Complex World

3 Credits

Investigation and analysis of uncritical "common sense" thinking that influences education practice and key insights from research and practice about teaching as a "thinking" person's profession and the incorporation of effective classroom teaching and analysis for the U.A.E..

EDC 667 Knowing and Teaching

4 Credits

This course requires candidates to synthesize their coursework with a focus on the knowing of content and the teaching of content to develop knowledge, skills, and habits of mind in students that are consistent with 21st century work and study environments. A significant component of the course is a study of a variety of models of teaching, their requirements on teacher knowledge, skills, and habits of mind, and the impact on student learning and achievement.

EDC 668 Developing the School as a Learning Community

3 Credits

This course addresses the study of models of educational organization and review of schools as learning organizations, as well as group/team membership and the nurturing of teacher leadership development in colleagues and self.

EDC 686 Children's Literature

3 Credits

Participants will explore how to naturally integrate children's literature into the curriculum and use books to teach across content areas and themes. They will identify engaging instructional activities to support the integration of books into classroom learning experiences for children in Pre-K through Grade 3 and will explore strategies for evaluating and selecting books, and identifying popular children's authors and illustrators. Participants will engage in using strategies supportive of motivating children to read for knowledge acquisition and enjoyment and igniting in them a lifelong love of reading.

EDC 695 Research Seminar

3 Credits

This course focuses on the investigation of selected research questions under the direction of the master's committee. It also focuses on the development and demonstration of competence in research design, execution, and presentation of an acceptable master's report.

Pre-requisites: EDC 601 and EDC 602 (or EDC 603)

EDC 699 Graduate Internship

3 Credits

This internship is designed to permit students to demonstrate the ability to accept genuine responsibility for leading, facilitating and making decisions typical of those made by school principals. In this course, graduate candidates will engage in an internship experience that reflects the major themes of the degree they pursue. They work under the mentorship of a recognized mentor to complete a defined set of experiences that are defined prior to commencement of the local or international internship.

**EHCA 600 Ethical, Legal and Social Issues
In Healthcare**

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.

EHCA 601 Managing in the Health Environment

3 Credits

This course examines factors that influence leaders in achieving organizational goals with emphasis on human behavior and interaction among health leaders, followers, and the situation. It centers on the organizational behavior in the health care industry.

EHCA 602 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.

EHCA 603 Accounting 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.

EHCA 604 Leadership and Strategy in Health 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.

EHCA 605 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.

EHCA 606 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.

EHCA 607 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.

EHCA 609 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.

EHCA 610 Quality Improvement in Healthcare

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.

EHCA 611 Healthcare 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.

EHCA 613 Healthcare 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.

EMPA 502 Governance in a Global Context

3 Credits

This course presents an introduction to political, economic, and social change around the world and in this region, and how these changes are affecting the substance and processes of governance, government, business, and social life in the U.A.E.

EMPA 503 Comparative Public Sector Administration

3 Credits

This course presents an introduction to public administration issues, concepts and structures from a comparative perspective. Various public administration systems will be examined, including those that have undergone fundamental transformations. From a comparative perspective, the U.A.E. administrative system is examined.

EMPA 504 Public Human Resource Management

3 Credits

This course introduces students to the primary roles and functions, boundaries and rights, and inherent tensions associated with PHRM, particularly with respect to enabling employees to carry out their responsibilities with efficiency and efficacy while serving the public interest. Students learn how and when to apply practical HRM concepts and tools, critically examine current controversies in the field, and gain an appreciation for the value of effective management.

EMPA 505 Quantitative and IT Methods for Public Policy and Administration

3 Credits

This course focuses on quantitative skills and information technology for public administrators. It addresses key concepts in data analysis using statistical tools like SPSS. Insight on how to find answers to public management/policy questions using quantitative methods.

EMPA 506 Applied Research Methods in Public Policy and Administration

3 Credits

This applied research methods course facilitates students' understanding of the diverse purposes of and approaches to designing, conducting, and evaluating research in public administration. Topics covered are: understanding the types of information and research studies that are useful for public administrators.

EMPA 507 Public Policy Formulation and Analysis

3 Credits

This course presents an introduction to the methods and process of policy analysis dealing with problem analysis, policy formation and evaluation. It provides an overview of the public policy processes and basic concepts of public policy formulation, analysis, and implementation with extensive use of case studies and simulations.

EMPA 508 Public Sector Budgeting and Finance

3 Credits

This course focuses on the public budgetary processes and methods, including line item budgeting, performance budgeting, and program budgeting. Other topics covered are public sector sources of income and spending allocation decisions and policy development and decision making as related to public financial management.

EMPA 509 Program Evaluation

3 Credits

This course focuses on the process and methods of assessing the outcomes and efficiency of government programs. Some of the methods introduced include experimental and quasi-experimental designs. The roles of an evaluation process in improving public administration and program delivery will be emphasized.

EMPA 510 The Practice of Public Administration

3 Credits

This course provides an understanding of the organizational and inter-organizational context of public administration and the human and group factors shaping the behavior of public administrators. Decision making, managing conflict, and dealing with agency "politics" are also examined.

EMPA 511 Strategic Leadership for Organizational

Improvement

3 Credits

This course focuses on the importance of policy level managers being actual leaders and administrators of organizational improvement. Theories, practices, and strategies for designing, implementing, and assessing organizational changes and their effect on productivity and performance are examined.

EMPA 512 Legal and Ethical Issues in the U.A.E.: The Public Administration Context

3 Credits

This course examines how laws, ethical codes and practices, and societal values affect government in the U.A.E. and thus public administration. It covers the legal context of public administration and the ethical issues public administrators face.

EMPA 520 Criminology: The Sociology and Economics of Crime

3 Credits

This course is a review of key explanations of criminal behavior, ranging from physiological perspectives to those that focus on social and environmental factors. Sociological and economic factors that cause crime and shape patterns of criminal behavior are examined.

EMPA 521 Strategic Police Management

3 Credits

This course focuses on the analysis and synthesis of various approaches to police management, including traditional approaches, behavioral and systems approaches, and the human relations approach. Transactional and transformational leadership will be outlined and their application to the police service will be analyzed.

EMPA 522 Future Directions in Policing

3 Credits

This course identifies and assesses current developments in policing in different societies as a means of identifying possible future directions in policing. The contemporary period is one in which established policing systems are undergoing profound change and the key dimensions of these processes are explored.

EMPA 599 Capstone Seminar

3 Credits

This seminar presents case studies and simulations that requires students to integrate and apply learning from program courses and from their own professional experiences into a final written paper that deals with an issue or a problem in public administration in the U.A.E.

HSS 613A Area Studies: Middle East

3 Credits

This course provides students with a graduate level understanding of the economic, political, and social problems affecting Middle Eastern countries. It begins by defining the Middle East through examining its historically continuous formation, with emphasis on the impacts of anti-colonialist movements and post-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.

HSS 613B Area Studies: 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.

HSS 613C Area Studies: 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.

HSS 613D Area Studies: 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.

HSS 613E Area Studies: 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.

HSS 623 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.

HSS 633 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.

HSS 643 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.

HSS 653 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.

HSS 663 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.

HSS 673 International Relations of the U.A.E.

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-à-vis major international issues such as the environment, international security, energy, and human rights among others. The course is conducted in Arabic/English.

HSS 683 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.

HSS 693 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.

HSS 699 Independent Study

3 Credits

The purpose of this course is to provide students with an opportunity for an independent study of a topic in Diplomacy and International Affairs beyond what is covered in existing course.

IEWM 610 Epistemology and Research Methodology

3 Credits

This course provides students with various theories of knowledge and the ways of knowing. It also, equips them with the skills in research and inquiry pertaining to Islamic studies. It will focus on research design, literature reviews, models, and techniques of analysis such as data collection, source criticism, and qualitative and quantitative research methods.

IEWM 615 Economics and Islamic Legal Theory

3 Credits

This course examines the general approaches and methods developed by Muslim jurists to formulate legal opinions and the applicability of these approaches and methods to economics in particular. It emphasizes the higher and ultimate goals of Shari'a (i.e. Islamic jurisprudence), as well as the interactions between the basic sources of jurisprudence (namely, the Qur'an, and the Prophet's traditions or Hadith) and the different issues of finance and wealth management. New approaches, criticisms and modifications to the classic discipline of usual al-fiqh (i.e. Islamic Legal Theory) will also be covered, with the aim of rejuvenating Islamic legal foundations.

IEWM 620 Islamic Economic Perspectives

3 Credits

This course provides insights on the key features of Islamic theories on economics in general and banking and finance in particular. It outlines theoretical foundations and the development of Islamic economic thinking and discusses the main characteristics of various types of Islamic economic transactions and banking products.

IEWM 625 Economic History of Islamic Societies

3 Credits

This course focuses on the history and development of the Islamic economic systems in various eras and in different societies. It also examines the contributions of Islamic economists and Muslim thinkers in dealing with the economic problems of their societies, with an emphasis on wealth creation and mobilization.

IEWM 630 Sustainable Development: Theories and Applications

3 Credits

Theories of sustainable development will be critically examined in this course. Students will conduct deep analysis of the major theories of development along the Western and Non-Western traditions.

IEWM 635 Ownership and Wealth Distribution in Islam

3 Credits

This course examines Islamic theory of ownership and its implications on the rights and responsibilities of the Muslims when dealing with their wealth. The course will highlight the perspective of ownership as only a right to utilize the owned. It will also discuss other limitations on ownership, such as the forbidding of accumulating (as opposed to investing) savings and unwise use of them. It will emphasize diverse methods of changing ownership such as cession, inheritance, gift, selling, buying, endowments and obligatory alms-giving (Zakat).

IEWM 640 Money and Banking: History and Functions

3 Credits

This course will examine the concept of money, its history and roles and its fundamental impact on the way Islamic jurisprudence deals with such major issues as Riba (usury). Different kinds of money, from gold and silver to copper and banknotes, will be investigated. The course will also trace the history of banks and banking systems in different traditions and analyze the meaning and functions of the bank as an institution. Students will be encouraged to compare between banking systems in Western and Islamic experiences as well as between historical and modern functions of banks.

IEWM 645 Financial Markets

3 Credits

This course focuses on financial institutions as the main engine of modern economic systems. Students will investigate the mechanisms and techniques utilized in financial markets. The major economic crisis that impacts the financial market will be deeply analyzed.

IEWM 650 Asset Management in Islamic Banking and Finance

3 Credits

This course provides grounding in the nature, strategy, context and managerial functions of asset management in banks and other financial services firms.

IEWM 655 Risk Management in Islamic Finance

3 Credits

This course focuses on the application of Shari'a principles in contracts, the design of financial products and services that are Shari'a compliant, and the risk characteristics of these products and services, with particular reference to Islamic banks and insurance (Takaful).

IEWM 699 Research Project

6 Credits

In this research project, the student will produce a master-level piece of scholarship on a topic relevant to the program.

JUD 601 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.

JUD 602 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.

JUD 603 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.

JUD 604 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.

JUD 605 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.

JUD 606 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.

JUD 610 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.

JUD 611 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.

JUD 612 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.

JUD 613 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.

JUD 620 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.

JUD 621 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.

JUD 622 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.

JUD 623 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.

JUD 624 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.

JUD 625 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.

JUD 640 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.

JUD 641 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.

JUD 642 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.

JUD 650 Research Project

6 Credits

In this research project, the student will produce a master's-level research paper in Judicial Studies.

MAES 610 Epistemology and Research Methodology

3 Credits

This course provides students with the premises of knowledge and the ways of knowing. It equips them with the skills of research and inquiry pertaining to endowment studies by focusing on qualitative and quantitative research methods using classical and modern analysis approaches, research design, literature reviews, and models, techniques of textual analysis, data collection, and source criticism.

MAES 615 Islamic Legal Theory

3 Credits

This course examines the methodological tools developed by Muslim jurists in deriving conclusions and legal opinions on endowment. It explores the applicability of these approaches to modern endowment issues and emphasizes the higher aims and the ultimate goals of Shari'a (Jurisprudence). New approaches, criticisms and modifications to the classic discipline of usual al-fiqh (Legal Theory) will also be covered in order to rejuvenate the legal foundations of endowment.

MAES 620 Endowment, Social Mobility, and Civil Society

3 Credits

Using historical experiences from different parts of the Muslim world, as well as other regions, this course investigates the socioeconomic context within which the endowment institutions emerged and developed and traces the ideas of social mobility and stratification in Islamic history and modern experiences and the role of Waqf in them. It analyzes the trapping of endowment between modern state and civil society and studies this phenomenon and its consequences on endowment institutions thoroughly.

MAES 625 Comparative Endowment Jurisprudence

3 Credits

Through comparative analysis of contributions of different legal schools in Islamic traditions, this course examines the foundations of Waqf as an institution in Islamic jurisprudence and traces the evolution of institutional thinking and structures of endowment institutions based on Islamic jurisprudence.

MAES 630 Endowment and Education: Theory and Practice

3 Credits

The focus of this course is on the role of endowment in establishing and developing the educational institutions in Islamic and modern Western countries. Both historical examples, drawn from the Abbasid, Mamluk and Ottoman states, and current examples, based on universities and libraries established by endowments including Al-Azhar in Egypt, Al-Qaraween in Morocco, and Oxford, will be examined.

MAES 635 Endowment and Social Welfare: Comparative Experiences

3 Credits

This course analyzes and evaluates the role of endowment in all aspects of social spheres, including divorced and widowed women, orphans, inmates, and the poor or sick. Endowments for public services and goods, such as bridges and lighting streets and ports, will also be reviewed.

MAES 640 Comparative Modern Laws of Endowment

3 Credits

This course applies comparative analysis in studying modern endowment laws in Islamic and other states. It deals with the socio-political contexts in which some Muslim states codified the Shari'a rules into modern laws, while others adopted Western laws. It studies laws critically in the context of the continuing struggle between state and society in the Muslim world, and comparatively with an eye on endowment laws in non-Muslim countries.

MAES 645 The Modern Methods of Waqf Administration

3 Credits

This course introduces historical Muslim and modern Western experiences in endowment administration. Theoretical as well as practical models on how to maximize endowment outcomes will be studied.

MAES 650 Financial Policies of Endowed Wealth

3 Credits

This course discusses different policies to improve investment of endowment assets. American and European models of endowment investment will be compared to their counterparts in the Islamic world. Students will learn how to adapt these investment strategies in the economic contexts of the Muslim world.

MAES 655 Endowment Governance

3 Credits

This course addresses endowment supervision, the fundamental problem facing endowment throughout Muslim history. Students will critically examine principles proposed by different juristic schools in the context of their historical applications as well as modern models of endowment governance and learn how to adapt these models in Muslim world contexts. The course will address endowment governance institutions, public opinion, media and consumers, as well as other societal organizations.

MAES 699 Research Project

6 Credits

In this research project, the student will produce a master-level piece of scholarship on one aspect of endowment they have learned in this program.

MCIS 610 Epistemology and Research Methodology

3 Credits

This course provides students with the premises of knowledge and the ways of knowing. It also, equips them with the skills in research and inquiry pertaining to Islamic studies. It will focus on research design, literature reviews, models, and techniques of textual analysis. Data collection, source criticism, qualitative and quantitative research methods, classical and modern analysis approaches will also be covered.

MCIS 615 Islamic Legal Theory

3 Credits

This course examines the approaches and methodological tools developed by Muslim jurists to reach conclusions and legal opinions. It seeks to explore the applicability of these approaches and tools to contemporary Islamic issues. It emphasizes the higher aims and the ultimate goals of Shari'a (Jurisprudence), as well as the interactions between the basic sources of jurisprudence (namely, the Qur'an and the Hadith) and social realities as the bases of Islamic legal theory. New approaches, criticisms and modifications to the classic discipline of usual al-fiqh (Legal Theory) will also be covered in order to rejuvenate Islamic legal foundations.

MCIS 620 Textual Analysis of the Qur'an

3 Credits

This course examines the methodology of conceptual analysis and applying it to the Qur'anic texts. Selected Qur'anic key-concepts will be intensively studied, linked to relevant human phenomena and, consequently, a cluster of concepts (or a framework) will be developed and used as a tool of critiquing, evaluating and questioning prevailing ideas and assumptions. Students will critically survey the different methods and schools of Qur'anic exegesis.

MCIS 625 Textual Analysis of the Hadith

3 Credits

This course examines the methodology of conceptual analysis and applying it to the Hadith texts. Selected Hadith key-concepts will be intensively studied linked to relevant human phenomena and, consequently, a cluster of concepts (or a framework) will be developed and used as a tool of critiquing, evaluating and questioning prevailing ideas and assumptions. Students will critically survey the different schools of Hadith explanation.

MCIS 630 Comparative Methods of Jurisprudence (Fiqh)

3 Credits

This course is based on a comparative approach. It analyses the methods of Muslim jurists, examines reasons behind their differences, and emphasize their relation to modern scholarship and issues. In addition to the four Sunni schools of law, the Abadhi, Zahiri, Zeidi and Ja'fari schools will also be covered.

MCIS 635 Intellectual Schools in Islamic Thought

3 Credits

This course will survey schools of Kalam, philosophy, and Tasawwuf in Islamic history, emphasizing the foundations of these schools and the reasons behind their emergence. The course will examine their differences, reasons behind their conflicts and polemics, and impacts on contemporary discourse in the Islamic world. These schools will be analyzed within their political and historical contexts.

MCIS 640 Islamic Movements of Reform and Renewal in Modern History

3 Credits

This course surveys the emergence and developments of reform movements in modern Islamic history. It seeks to examine the ways in which these movements have also renewed the Islamic thought. Linkages between historical movements and contemporary ones will be studied to reveal whether or not the new movements are a continuation of earlier ones.

MCIS 645 Islamic Social System

3 Credits

This course focuses on the Muslim family structure and its relationships with the broader cultural and social frames. Issues formulated by traditional jurists in areas of marriage contracts, children rights, inheritance, and divorce will be examined against contemporary problems and compared with opinions of modern scholars in the field.

MCIS 650 Islamic Economics

3 Credits

By focusing on how to base modern economic transactions on the Islamic value system, the course attempts to bring together contributions made by authoritative Muslim jurists and modern scholars in the field of Islamic economics. The role of the emerging Islamic banks and financial institutions will also be covered.

MCIS 655 Muslim Societies and Global Affairs

3 Credits

This course will analyze the cultural, social, economic and political manifestations of the globalized world and its impacts on the Muslim societies. It also covers the approaches developed by different parts in the Muslim world in their encounter with the global issues.

MCIS 699 Research Project

6 Credits

In this research project, the student will produce a master-level piece of scholarship in Contemporary Islamic Studies.

MIWS 610 Epistemology and Research Methodology

3 Credits

This course provides students with the premises of knowledge and ways of knowing. By focusing on research design, literature reviews, models, and techniques of textual analysis, data collection, source criticism, qualitative and quantitative research methods, it equips students with critical skills of research and inquiry pertaining to social sciences and humanities.

MIWS 615 Turning Points in Modern Islamic History

3 Credits

This course focuses on specific historic events that are presumed to have led to qualitative changes in the modern history of the Islamic world. Students will examine the nature of the historic event, the parties and consequences and analyze data scientifically to determine how it occurred and the direct and indirect results it had on modern Islamic society.

MIWS 620 State Formation in the Islamic World: Comparative Colonialism

3 Credits

This course presents a historical survey covering the main developments of the Islamic World in the 19th century as well as the process of forming the modern state in the 20th century.

MIWS 625 Forms of Economic and Social Development in the Islamic World

3 Credits

This course offers a comparative examination of the pre-colonial legacies bequeathed to the modern states and modern political economies of the different regions of the world of Islam, focusing in particular on the intersection between the development of on-going administrative structures, legal systems, methods of extracting revenues, systems of coercion and the transformation of economic structures.

MIWS 630 Islamic Cultures: Anthropological Approaches

3 Credits

This course examines the relationship between culture, society and religion in Islamic societies from an anthropological perspective. It highlights the main shifts in anthropological approaches to culture and society that have emerged with new understandings of religion and history in social sciences.

MIWS 635 Islam and Other Faiths: Patterns of Relationships

3 Credits

This course assumes the tenets of other faiths including Judaism, Christianity, Buddhism and Hinduism, and highlights how relationships between these religions and Islam developed. It analyzes cases of conflict and cooperation in order to define the factors that lead to, and the conditions conducive for, each relationship pattern.

MIWS 640 Politics of Sectarianism in the Islamic World

3 Credits

This course focuses on the dialectical relationship between theology and politics and its role in social and political conflicts. Students will analyze different cases from different regions in the Islamic world.

MIWS 645 Contemporary Islamic Movements

3 Credits

This course examines the value system underling the social organization of Islamic activities. In addition to the relatively recent phenomenon of political Islam, the course will also review Sufi and other spiritually oriented movements. Students will compare various movements in multiple historical and regional contexts.

MIWS 650 Conflict Resolutions in Deeply Divided Muslim Societies

3 Credits

This course focuses on the phenomenon of conflict and war in deeply divided Muslim societies and differing paradigms for building peace. The course first lays a foundation for interpreting the diverse landscape that has increasingly given rise to violent conflict in Muslim societies. Using current perspectives from the field of conflict resolution and selected case studies of collective efforts to resolve conflict in these societies, it examines different concepts of peace building.

MIWS 655 Women and Gender in Islamic Societies: Comparative Approaches

3 Credits

This course examines the state of women in modern Islamic history by critically analyzing different experiences and gender issues in Islamic countries.

MIWS 699 Research Project

6 Credits

In this research project, the student will produce a master-level piece of scholarship on a topic relevant to the program.

MMS 600 Museums and Collections in Context

3 Credits

This course introduces the students to the history of museums and collecting, how museums are defined, the varied functions they encompass and the different jobs involved, types of museum by governance and funding in different countries, the development of standards schemes, and museum ethics.

MMS 601 Museum and Collection Information Systems Management
3 Credits
This course examines collections, their development and management. Topics include collecting strategies and policies, assessing significance, information systems and management, and the physical care of collections.

MMS 602 Audiences and Interpretation
3 Credits
This course reviews museum, collection, and heritage site audiences and the services provided for them, including exhibition and interpretation policies and practice, education and events programs, and visitor studies.

MMS 603 Projects, Planning and Management
3 Credits
This course covers museum management, including planning and project management, financial planning, personnel, and marketing.

MMS 604 Course Survey Course: Modern and Contemporary Art
3 Credits
This intensive module is an overview of the development of Western art from the Renaissance through the Modern Period. We begin with the Italian Renaissance and continue through an examination of a selection of architecture and artworks to the mid-20th centuries. We will concentrate on a select number of artists and architects and their works through the lens of particular social and historical factors that affected the development of different styles and modes of expression.

MMS 605 Professional Practices: Modern and Western Contemporary Art
3 Credits
This specialist course reviews the development of Modern and Contemporary art from Expressionism through Contemporary art. We focus on major art movements, and a selection of artists associated with them. We will also examine particular forms that artworks take in the contemporary period such as Installation art, Environmental art and so on.

MMS 606 Core Survey Course: Islamic Design, Art and Architecture
3 Credits
This intensive course reviews the development of Islamic design in art and architecture from the earliest mosque in Medina to the Umayyad through the Ottoman periods. We begin with the design of the Great Mosque in Damascus, modeled after the Mosque of the Prophet in Medina through an investigation of the design of the Sultan Ahmet I Mosque (Blue Mosque) in Istanbul. Additional course topics include an examination of other Islamic art forms, such as metal work, textiles, manuscript illuminations and calligraphy, particularly in regards to the incorporation of forms from cross-cultural exchanges.

MMS 607 Professional Practices: Modern Islamic Art
3 Credits
This intensive module reviews the development of Modern and Contemporary Islamic art from the early 20th century to the present day with a particular focus on the U.A.E. and countries in the nearby region. We begin with an examination of the relationship between Western incursions into the region and the subsequent shift in the development of regional art and design practices. Particular attention will be paid to an examination of the subsequent shift back to the incorporation of Islamic design elements, such as calligraphy, into contemporary artworks in the region.

MMS 608 Core Survey Course: The History and Heritage of the U.A.E.
3 Credits
This intensive module reviews the social history of the lower Arabian Gulf with particular attention focused on the U.A.E.. The course begins with a brief review of the archaeological record of the country, and then moves through the arrival of Islam, tribal organization, pearling and trading, and British hegemony beginning in 1820. The social history of the region is presented in the context of both internal factors such as environmental constraints; and external factors such as British power, and the discovery of oil. The tangible and intangible heritage of the country is surveyed within the context of the environment.

MMS 609 Professional Practices: Emirati History and Heritage
3 Credits
This specialization course examines the interpretation of Emirati history and heritage for museums and heritage sites. We will establish the fundamentals of heritage analysis, interpretation, and exhibition. Special consideration and project work will be focused on elements of Emirati heritage such as: traditions of the desert, pearling and fishing, dress, poetry and 'ayyala (dance).

MMS 611 Professional Practices: Writing for Interpretation and Media Presentation
3 Credits
This course, conducted as a series of specific workshops and tutorials, focuses on the production of grammatically correct and graphically pleasing presentations. Students are required to work in both Arabic and English, with 2 and 3 dimensional presentations and media. associated with them. We will also examine particular forms that artworks take in the contemporary period such as Installation art, Environmental art and so on.

