

The Zayed University Catalog

2011-2012

Message from the President of the University



The 2011-2012 Zayed University Catalog presents the academic programs that the University will offer in its fourteenth year of operation. Students will engage intellectually exciting courses leading to degrees that support the priorities of the United Arab Emirates. Graduates of the baccalaureate program will be prepared to shape the future of the region and the world. Students in graduate programs will sharpen their skills and extend their knowledge in their chosen fields of endeavor. Because the University has been accredited by the Middle States Commission on Higher Education (USA), we know that students and faculty are working in an educationally productive environment at a University that meets its objectives, fulfills its promise, and achieves international standards for quality.

This year the physical environment at Abu Dhabi will support learning as never before. The stunning new campus, a generous gift from the Abu Dhabi government, provides remarkable facilities in a structure that is already an Abu Dhabi landmark. As in Dubai, the campus will prove to be a wonderful site for classes, extracurricular activities, library work, study, and social and intellectual growth.

This catalog displays the rich academic opportunities offered to students at Zayed University. It is designed to help students, their families, employers, and the public understand the academic requirements and opportunities at the University. At the undergraduate level, these programs are designed to help students attain the goals of being able to learn and work in Arabic and English, gain proficiency in the application of modern technology, achieve a high level of mastery in their academic field, and prepare to become leaders in our society. Programs at the graduate level are designed in collaboration with international partners to support the development of successful public and private institutions in the United Arab Emirates and to provide students with preparation for leadership in all sectors.

Zayed University takes pride in being named after the founder of the United Arab Emirates, the late Sheikh Zayed bin Sultan Al-Nahayan. We are also fortunate to have both the strong support and high expectations of His Highness the President, Sheikh Khalifa bin Zayed Al-Nahayan. We are grateful, as well, to His Highness, the Vice President, Prime Minister and Ruler of Dubai, Sheikh Mohammed bin Rashid Al-Maktoum. We also appreciate the interest and encouragement of His Highness Sheikh Mohammed bin Zayed Al-Nahayan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the Armed Forces. We express our gratitude for the support we have received, and continue to receive, from all members of our community. And we are determined to meet the high expectations they have placed on Zayed University as it becomes a premier higher education institution in the United Arab Emirates and throughout our region.

My very best wishes to you in the year ahead



Nahayan Mabarak Al Nahayan
President of Zayed University

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

Zayed University Publications Department, August 2011

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Zayed University Vision

“Zayed University shall become the leading university in the region, embodying the same rigorous standards and intellectual elements found in major universities throughout the world.”

H.E. Sheikh Nahayan Mubarak Al Nahayan

President of Zayed University and U.A.E. Minister of Higher Education and Scientific Research

The Mission

Zayed University seeks to prepare students for meaningful and successful twenty-first century personal and professional lives; to graduate students who will help shape the future of the region and the world; to support the economic and social advancement of the U.A.E.; to lead innovation in higher education through teaching, learning, research, and outreach; and to do so in a culturally diverse, humane, technologically advanced, and increasingly global environment.

An Introduction to the University

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

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

Zayed University, a government-supported institution, was established in 1998 to prepare leaders who will foresee the possibilities and capture the opportunities for action that will create the future of the United Arab Emirates. The University has campuses located in the U.A.E.'s two largest cities, Abu Dhabi and Dubai, under one central administration. Enrollment on each campus is approximately 3,500 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 five 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 ZU students and that creates a framework supportive of ZU's Learning Outcomes. Through a series of closely related interdisciplinary courses, students develop in critical thinking, global awareness, computer applications, 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

Zayed University is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104. (267-284-5000). The University was granted accreditation in June 2008.

Zayed University Administration

President

HE Sheikh Nahayan Mubarak Al Nahayan

Provost

Larry Wilson

Associate Provost for Academic Affairs

Jeffrey Belnap

**Associate Provost and Operating Officer,
Dubai Campus**

Kenneth Wilson

Assistant Provost, Enrollment Management

Bryan Gilroy

Assistant Provost for Faculty Affairs and Research

Michael Allen

Vice President

Sulaiman Al Jassim

Chief Administrative and Financial Officer

Andre Racette

Associate Provost and Operating Officer, Abu Dhabi Campus

Thomas Cochran

Associate Provost

Rex Taylor

Chief Development Officer and Director, External Affairs

Safia Al Raqbani

Executive Director, Student Life and Leadership Programs

Courtney Stryker

Deans and Academic Directors

College of Arts and Sciences

Thomas Cochran, Interim Dean

College of Communication and Media Sciences

Marilyn Roberts, Dean

College of Information Technology

Leon Jololian, Dean

Graduate Studies

Chet Jablonski, Dean

Institute for Islamic World Studies

Nasr Arif, Executive Director

College of Business Sciences

John Seybolt, Dean

College of Education

Robin Dada, Interim Dean

University College

Jyoti Grewal, Dean

Academic Bridge Program

Kirk Dowsell, Director

College Associate and Assistant Deans and Associate Academic Directors

College of Arts and Sciences

Christopher Nuttman, Associate Dean

College of Communication and Media Sciences

Renee Everett, Associate Dean

Jack Hillwig, Assistant Dean

College of Information Technology

Anthony Rhodes, Associate Dean

Academic Bridge Program

Agnes Gallagher, Associate Director

College of Business Sciences

Emil Thies, Associate Dean

College of Education

Kenneth Carr, Associate Dean

University College

Belkeis Altareb, Associate Dean

Other Administrators

Director, Administration

Marlys Berg

Director, Campus Services

Maria Kennedy

Director, Contracts and Procurement

Osamah Ali

Acting Director, Human Resources

Kate Macfarlane

Director, Institutional Research

Richard Tucker

Director, Institute of Social and Economic Research

Mouawiya Alawad

Head, Student Life, Abu Dhabi Men

Paul Abraham

Director, Campus Physical Development

Riham Hwaidi

Director, Computing Services

Jim Morris

Director, Financial Services

Michael Bruder

Director, Internal Audit

Ahmed Salama

Director, Marketing and Publications

Susanne Kadoura

Head, Student Life, Dubai Women

Patricia Robinson

Head, Student Life, Dubai Men

Dominic Bending

Zayed University Academic Programs 2011-2012

Undergraduate Degree Programs

College of Arts and Sciences

Bachelor of Arts (B.A.) in Art and Design

- Specialization in Animation
- Specialization in Graphic Design
- Specialization in Interior Design
- Specialization in Visual Art

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

- Specialization in Culture and Society
- Specialization in International Affairs

Bachelor of Science (B.S.) in Health Sciences

- Specialization in Environmental Health
- Specialization in Health Education and Health Promotion
- Specialization in Nutrition

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

(joint with College of Communication and Media Sciences)

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

(joint with College of Information Technology and College of Communication and Media Sciences)

College of Business Sciences

Bachelor of Science (B.S.) in Business Sciences

- 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 Information Technology)

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 Visual Communications

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

(joint with College of Arts and Sciences)

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

(joint with College of Information Technology and College of Arts and Sciences)

College of Education

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

- Specialization in Early Childhood/Kindergarten/Primary Education
- Specialization in Upper Primary/Preparatory Education
- Specialization in School Social Work
- Specialization in Children, Youth, and Family Services

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

(joint with College of Information Technology)

College of Information Technology

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 Sciences)

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 Sciences)

Graduate Degree Programs

College of Arts and Sciences

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 Business Sciences

Executive Masters in Business Administration (EMBA)
Master of Science (M.S.) in Finance (Closed Cohort)
Master of Science (M.S.) in International Business (MSIB)

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.)
Specialization in Educational Leadership
Specialization in School Administration
Specialization in Special Education
Master of Science (M.S.) in Teaching and Learning

College of Information Technology

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 (Closed Cohort)
Master of Arts (M.A.) in Contemporary Islamic Studies*
Master of Arts (M.A.) in Endowment Studies*
Master of Arts (M.A.) in Economics and Wealth Management*
Master of Arts (M.A.) in Islamic World Studies*

Graduate Certificate Programs

College of Arts and Sciences

Graduate Certificate in Health Care Administration
Graduate Certificate in Diplomacy and International Affairs
Graduate Certificate in Museum Studies

College of Business Sciences

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 Education

Graduate Certificate in Advanced Professional Study in School Leadership for Principals
Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary)

College of Information Technology

Graduate Certificate in High Technology Crime Investigation
Graduate Certificate in Information Security
Graduate Certificate in E-Archive and Information Management (joint with Library and Learning Resources)

*Awaiting Final Approval

2011-2012 Zayed University Academic Calendar

Preliminary Period

New faculty report	Wed 17 Aug 2011
Return of Senior Administrators	Sun 21 Aug 2011
Returning faculty report	Sun 4 Sep 2011
Returning students register	Sun 4 Sep to Wed 7 Sep 2011
New students register and receive orientation	Sun 4 Sep to Wed 7 Sep 2011
Convocation	Thu 8 Sep 2011

First Semester

Start of classes	Sun 11 Sep 2011
Last day to add/drop a first-semester or first-term course	Sun 18 Sep 2011
Last day to suspend registration in first semester or first term	Thu 22 Sep 2011
Last day to withdraw from first-term course without penalty	Thu 29 Sep 2011
Last day to withdraw from first-semester course without penalty	Thu 20 Oct 2011
Independent Learning Activity Day	Mon 24 Oct 2011
End of Term 1	Thu 3 Nov 2011
Mid-semester break	Sun 6 Nov to Thu 10 Nov 2011
Start of Term 2/Classes resume	Sun 13 Nov 2011
Last day to add/drop a second-term course	Thu 17 Nov 2011
Last day to suspend registration in second term	Thu 24 Nov 2011
Last day to withdraw from a second-term course without penalty	Thu 1 Dec 2011
Winter break	Sun 18 Dec 2011 to Thu 5 Jan 2012
University closed	Sun 25 Dec to Thu 29 Dec 2011
Classes resume	Sun 8 Jan 2012
Last day of classes	Sun 22 Jan 2012
Final assessments for first-semester and second-term courses	Mon 23 Jan to Tue 31 Jan 2012

2011-2012 Zayed University Academic Calendar

Religious and Public Holidays

Al Isra's Wal Miraaj	Tue 28 Jun 2011
Eid Al Fitr	Tue 30 Aug to Thu 1 Sep 2011
Eid Al Adha	Sun 6 Nov to Tue 8 Nov 2011
Al Hijra New Year	Sat 26 Nov 2011
National Day	Fri 2 Dec to Sat 3 Dec 2011
New Year's Day	Sun 1 Jan 2012
Prophet's Birthday	Sat 4 Feb 2012
Al Isra's Wal Miraaj	Sun 17 Jun 2012

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 62-65 hours of academic credit, with 14-17 of those hours included as part of the majors elected by students. Within the majors, 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 (ZU) have identified the following six learning outcomes that they believe are essential in assuring the future success of ZU graduates.

- **Language:** ZU graduates will be able to communicate effectively in English and Modern Standard Arabic, using the academic and professional conventions of these languages appropriately.
- **Information Technology:** ZU graduates will be able to use current information technology to enhance productivity and effectiveness.
- **Critical Thinking and Quantitative Reasoning:** ZU graduates will be able to use both critical and quantitative processes to solve problems and to develop informed opinions.
- **Information Literacy:** ZU graduates will be able to find, evaluate, and use appropriate information from multiple sources to respond to a variety of needs.
- **Global Awareness:** ZU 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:** ZU 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 submitted to their ePortfolios (Electronic Learning Portfolios) in selected courses, and they reach acceptable levels of proficiency in the Zayed University Learning Outcomes and Major Learning Outcomes before entering internships.

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 (ZULOs) 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 semester-length courses of 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. As students begin work in their major field of study during the fourth semester, they continue to take courses designated by the major in support of colloquy learning goals. This interdisciplinary general education curriculum continues through the third year of the baccalaureate program. Students select a "Colloquy elective," any 200-, 300-, or 400-level course delivered by the University that is outside of their major course of study. Students also enroll in a professional language course oriented toward the language needs of their majors, a course normally placed in their sixth semester of study in the baccalaureate program.

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 ZU 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

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. The ZU 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.

Students maintain an individual ePortfolio (Electronic Learning Portfolio) beginning with their

first courses in the Colloquy on Integrated Learning. Faculty designate assessment items with clearly defined criteria and stated Zayed University Learning Outcomes (ZULOs) for inclusion in the ePortfolio. Assessment of courses in the majors also considers Major Learning Outcomes (MALOs). Assessment items include written assignments, examinations, and other works that can be represented electronically. The contents of ePortfolios are available to the teacher and to faculty review teams for assessing the effectiveness of assignments and course content over time.

By reviewing ePortfolios across sections and over time, faculty assessment teams can determine if stated outcomes — individual course, University, and major outcomes (when appropriate) — have been met. Assessment of ePortfolios 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 ePortfolio assignments provide students with a valuable tool to assess their own learning progression.

Learning Support Services

Academic Advising

All ZU students benefit from the mature advice and counsel offered by their academic advisors. In the Academic Bridge Program, the student has an ABP 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 Resources

Zayed University Library and Learning Resources provides access to information in electronic, print, audiovisual, and multimedia formats. 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 ZU 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 Dubai library. Writing Centers are located in the libraries in Abu Dhabi and Dubai.

The library offers 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. A self-paced tutorial to build information literacy skills, InfoOasis, can be found at www.zu.ac.ae/infoasis. The library's information literacy team won a national award for the tutorial and has been recognized internationally for best practices in the field. For more details and the most current information about the library, visit www.zu.ac.ae/library.

Learning Enhancement Centers

Learning Enhancement Centers (LEC) in the library on each campus provide access to books, graded readers, dictionaries, audiovisual materials, reading and listening programs, online resources, and other

self-study materials. Resources and programs are offered to help students strengthen independent study skills and excel in their coursework. LEC staff and peer tutors are available to assist students in writing, mathematics, reading, listening, speaking, information technology, information literacy skills, and other specialized areas.

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 instruct and assist students in using the materials and equipment. Staff 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.zu.ac.ae/library.

Computing Services

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

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

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

library electronic databases; compressed video and compressed audio communications.

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

Service Desk

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

Faculty Assistance

Members of the faculty are readily available to assist students in their academic work outside of regular classroom and laboratory hours. Course syllabi contain a listing of times when faculty members normally are available for meetings with students. To arrange a meeting outside of the posted office hours, students contact the faculty member directly.

Textbooks and Instructional Materials

Textbooks and related instructional materials are provided to students at no cost. Students must pay to replace lost or damaged books, materials, or

equipment.

Laptop Computers

Each student is required to purchase a laptop computer 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 Enrollment Management, 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 2010 - 2011, 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, Office of Enrollment Management, 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, both located in the Office of Enrollment Management, 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 visit www.zu.ac.ae/cs/

Leadership Development

The development of leadership skills is emphasized throughout a student's education at Zayed University and highlighted at the Woman as Global Leaders international conference organized by the University. For more information, please visit www.zu.ac.ae/wagl2012

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 ZU 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, ZU 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 2011-2012* 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 U.A.E. 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 the baccalaureate program. A CEPA English score of 150 or more is required for admission to Zayed University.

All students are expected to take the CEPA Maths 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 in fall 2011 must pass ENG 040 Academic English Communication or its equivalency examination and must achieve one of the following to exit the Academic Bridge Program:

- 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 term. 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.

The student who passes ENG 040 but fails to meet the 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 two terms 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 merits. 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 UAEU 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 register for 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 recommendation of the student's college dean and approval of the Office of Student Life. 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:

- Four semesters (eight terms) 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 2011-2012 academic year will declare their preference for an academic major. 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.

The colleges require 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 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 250, COL 260, and COL 270.

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

Individual colleges or departments may have additional requirements, and students should consult the appropriate catalog section.

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.

Academic Minors

Colleges offer minors as well as majors. An academic minor consists of 18-21 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 in the same department as the major.

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 131 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

Female 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, unless the student has applied for and received a Pass Privilege or received special permission to leave campus as specified below. Male students may leave the campus at their discretion.

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 may not miss more than ten percent (10%) of the class sessions for any course for the term or semester. For a semester course, a student may miss no more than four classes if the course meets twice a week and no more than six classes if it meets three times a week. For a term course,

a student may miss no more than two classes if it meets twice a week and no more than three classes if it meets three times a week.

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 Withdrawal from Course

The student who exceeds 10% absence in a course will be withdrawn from the course and will receive a grade of "W/F" (Withdrawal/Failing). The student is responsible for using the newly available time for study or learning activities in remaining courses.

Attendance Suspension

The student who exceeds 10% absence in two or more courses will be suspended from the University for the term or semester, and will receive "W/F" grades in all courses in which the student has exceeded 10% absence and "W" (Withdrawal) grades in all other courses for the term or semester. A student enrolled in the ABP who exceeds 10% absence in an English course will have registration suspended for the term or semester and receive a grade of "W/U" (Withdraw/Unsatisfactory).

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 2011-2012* for the procedure to petition.

Courses

Descriptions for courses appear on pages 157-193 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. Prerequisites or corequisites, 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 collegiate-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. These 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.

Summer Courses Completed at Another Institution

A student who has a cumulative GPA of 2.5 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

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.

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.

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. 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 2011-2012* 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 2011-2012* 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 prerequisite 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 2011-2012* 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 prerequisite 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 prerequisite 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 seven days of notification of the grade. In the case of a final course grade, the deadline is five class days after the start of the following term or semester. If the student is not satisfied with the results of the conversation, a letter must be submitted within seven days 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. Any grade appeal that comes in late must be approved by the Provost or Provost's designee.

Appeal of Dismissal

If a student is to be dismissed for unsatisfactory academic progress, the student may appeal the dismissal in writing to the Office of Student Life no later than five (5) days after the start of the next term or semester. The appeal will be reviewed by the Dismissal Appeals Committee and the student will be notified of the 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 two years 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 two years of the student's last enrollment at Zayed University. Applicants for readmission require special authorization to be readmitted.

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.

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. Students dropping below the minimum grade-point average for two consecutive semesters are eligible for academic dismissal from the

program for failure to make satisfactory academic progress.

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 prerequisite. 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. A course may be repeated only once.

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

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 2011-2012*.

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 2011-2012*, 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 sensible as well to local cultures.

Library Materials

For the procedure to challenge library books or other library materials, see the *Zayed University Student Handbook 2011-2012*.

Classroom Materials and Incidents

For the procedure to challenge classroom materials or incidents, see the *Zayed University Student Handbook 2011-2012*.

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

President's Award

Each year, the President's Award is presented to one graduating student on each campus, based on the quality of the student's academic performance, including cumulative grade-point average and other criteria consistent with the University's mission to graduate outstanding, well-rounded students. The President's Award is the University's highest award for academic achievement.

To be considered for the award, a student must:

- qualify for graduation in that academic year;
- achieve the highest cumulative grade-point average in the student's college on the campus; and
- demonstrate in academic work and University activities that the student possesses the qualities and capabilities Zayed University strives to inculcate in its graduates. Specifically, the student must demonstrate academic well-roundedness by exceptional achievement in all of the Zayed University Learning Outcomes.

These students are recognized at graduation by notation in the commencement program and the wearing of a medallion.

Sheikha Fatima Academic Honor Society

On each campus, two fourth-year students from each college are selected each year to receive membership in the Sheikha Fatima Academic Honor Society and to be recognized at graduation. To be considered for membership in the Honor Society, a student must:

- complete sufficient credits to graduate that year;
- attain a minimum cumulative grade-point average of 3.6 out of 4.0; and,
- demonstrate the exceptional intellectual and professional qualities that the University aspires to inculcate in its students. These qualities are described in the Zayed University Learning Outcomes (ZULOs) and the Major Learning Outcomes (MALOs) of each college.

Dean's List

Each semester, the colleges recognize the top ten percent (10%) of their students who have achieved a semester grade-point average of 3.6 or above in the previous semester. Students must have completed fifteen or more credits with no "Withdrawals" (W) or "Incompletes" (I). Dean's List recipients receive a certificate from their college recognizing their academic achievement.

Academic Bridge Program (ABP)

Faculty Listings

Director: Kirk Dowswell

Associate Director: Agnes Gallagher

Assistant Professor: Mehtap Kocatepe,
Jessica Midraj (Assessment Supervisor),
Aicha Rochdi

Instructors: Omar Ahermouch, Faisal Al-Attar, Robyn Albers, Marlon Anandappa, Mino Asdjodi, Aeysha Attard, Pinyar Ayber, Jamie Baird, Sheila Barry, Christopher Batten, Tracy Bensabai, Jay Bidal, Elizabeth Birch, Andrew Blackmore (Curriculum Supervisor, Dubai), Michael Boshell, Lee Botelho, Helen Bowen, Michael Bowles, Barbara Braun, Ahmed Bulbulia, Theodore Burkett, Senem Buyuk, Joyce Choueri, Neville Clarkson, Alton Cole, Rebecca Colestock, Dianne Cook, Peter Corbett, Mihaela Dascalu, Peter Davidson, Jeffry Davis, Koos De Beer, Paul De Jong, Charlene Diemer, Ida Dolci, Michele Dowse, Beth Drury, Brendan Duffy, Tara Dunlap, Fatma Elshafie, Mark Emmett, Jenny Eppard, Willie Ferguson, Taoufik Ferjani, Peter Forward, Sylvia Frier, Jonathan Fulton, Effrosyni Georgiadou, Aysen Gilroy, Ruth Glasgow, Donald Glass, Frieda Gosal-Sellers, Michael Gowgiel, Jon Gregory, Laila Hawker, Hilda Horemans, David Hughes, Elizabeth Igarza, Raieda Ishak, David Jeffrey, Wayne Jones (Assessment Supervisor, Dubai), Noor Kabbarah, Mary Karatal, Daniel Knibloe, Jennifer Kuchno, John Landers, Brione LaThrop, Jon Lavelle, Lynn Lund, Jesse Macpherson, Jeffrey Maggard, Kerry Malster, Linda Marshall, Bruce McCoy, Jennifer McCoy, Debra McDermott (Program Supervisor, Abu Dhabi), James McDonald, Donald McKay, Kara McKeown, Darcy Meijer, Marie Miyaishi, David Mulvihill, Helen Newman, Dina Osman, Leyla Ozmenekse, David Penner, Andrew Perkins, Glen Persello, Robert Peters, Duncan Pollock, Moira Prentice, Barnaby Priest (Assistant Director), Robert Priest (Curriculum

Supervisor, Abu Dhabi), Sailaja Rajaretnam, Lisa Reber-Rider, Preeya Reddy, Katherine Reed, Gustavo Riera, James Roebuck, Ian Rogers, Cathryn Roos, Peter Rothfels, Khoulood Sabbagh, Linda Safari, Joanne Sanders, Cheryl Sisak, Jerry Spring, Anne Stander, Ann Stephenson, Steven Strasen, Evan Sullivan, Peter Tall (Men's Program Supervisor, Dubai), Kate Tindle, Paola Trejo Vences, Robert Turner, Randy VanArsdale, Tara Waller, Ursula Walsh, Janine Welsby, Cynthia Weston, Timothy Whitcomb, Beth Wiens, Judy Wren, Nicholas Yates

Mission

The Academic Bridge Program ensures that all students entering the baccalaureate program have achieved the standard for English language proficiency required for admission.

A student who has yet to reach the standard is automatically enrolled in the ABP, the English-as-a-foreign-language program which prepares students for admission to the University degree programs. The new Academic Bridge Program consists of four semester-length courses, each of which enrolls students at a specified level of competence in English and moved them to a higher level.

In addition to supporting and developing a student's English language ability, the Academic Bridge Program aims to enhance a student's academic skills, increase the student's ability to use and incorporate technology in the learning process, and widen the student's general knowledge base. The ABP has a well-defined, integrated-skills, content-based program taught by experienced and committed faculty.

Outreach and Engagement

The ABP faculty participates in outreach and engagement activities coordinated by the Institute for Community Engagement (see page 156).

University College

Faculty Listings by Department

Dean: Jyoti Grewal

Associate Dean: Belkeis Altareb

Advising and Academic Development

Assistant Professors: David Gallacher,

Marguerite Hernandez, Joel Shelton

Instructors: Patricia Abu Wardeh, Gergana Al Zeer, Maree Anderson, Ahmed Bada, Nadia El-Amin, Michelle Elghardgui, Fiona Hunt, Patricia Johnston, Sally-Ann Long, Brittany Mitchell, Thomas Opio, Autumn Robinson, Zia Saunders (Chair), Barbara Sheehy, Angela Skuba, Shokha Yusef

Arabic Studies

Assistant Professors: Mohamed Abu Zeid, Afaf Al Bataineh, Al-Faris Ali, Sawsan Al Skaf, Ahlam Al Zehhawi, Mokhtar Boularaoui, Salah Darawsheh, Rahman Haleem (Interim Chair), Hanaa Hamdan, Soad Matar, Hani Nasrullah, Hala Thabet,

Instructors: Rasha Badr, Mahmoud Elgibali, Atteya Elnoory, Abdulrahim ElShendawili, Sayed Esmail El Shenawi, Suha Karaki, Eatedal Osman

Interdisciplinary Studies

Associate Professor: Tofi Rahal

Assistant Professors: Mohamed Almourad, Iman Boukhobza, Gilles Doiron, Hasna El-Masri, Rozita Johary, Christian Stryker, Ikko Tucker

Instructors: Mira Al Hussein, Nadera Baig, James Buckingham, Maha Hadid, Michael Harvey, Zubaida Huq, Sarah Khan, Fariba Shaikh, Zelal Wattar

Languages

Associate Professor: Linda Laube, David Palfreyman

Assistant Professors:

Barbara Jo Bennet, Kimberly Bunts-Anderson, Marion Engin, Mingyan Hong, Shuozhao Hou, Amir Kaviani, Maril Patronis

Instructors: Sadia Ali, Fairlie Atkinson, Ann Barrell, Paul Carroll, Sylvia Dahdal, Mark French, Dawn Garinger, Anne Greenhoe, Douglas Hamano-Bunce, Peter Hassall, Jane Hislop, John Houston, Susan Jones, Lisa Kassem, Suzanne Mizon, Gary O'Neill (Chair), Heather Phillips, Derick Singh, Christopher Thornton, Keith Van Tassel, Patricia Weiland, Vilja Wheatcroft

Mathematics and Statistics

Professors: Robert Bennell, Ibrahim Ibrakhimov Rahimov

Associate Professor: Sabah Al-Najjar, Stephen Curry (Chair),

Assistant Professors:

Philip Burton, Jason Johnson, Manisha Kankarej, Jim Morey, Leonard Raj, Alejandro Rodriguez-Martinez, Carla Rudder, Fayez Sayed, Elena Tzenova

Instructors: Mohammad Alhawi, Fida Al Omari, Denis Blouin, Puja Gridhar, Nakhshin Karim, Soumya Kaushik, Mark Leon, Suja Mathew, John McPhail, Mary Mohandass, Erin Smith, Amin Tejpar, John Wakefield

Professional in Residence:

Sunitha Kannenchery

Introduction

University College comprises five departments that contribute fundamentally to the University's basic liberal education organized as the Colloquy on Integrated Learning.

Concentrating on the first three semesters of the ZU education, the departments attend to the intellectual development of students by 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 foundational 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 ZU students.

Colloquy on Integrated Learning

The goal of the Colloquy on Integrated Learning is to build students' understanding of their relation 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:

- Σ **Language:** ZU graduates will be able to communicate effectively in English and Modern Standard Arabic, using the academic and professional conventions of these languages appropriately.
- Σ **Information Technology:** ZU graduates will be able to use current information technology to enhance productivity and effectiveness.
- Σ **Critical Thinking and Quantitative Reasoning:** ZU graduates will be able to use both critical and quantitative processes to solve problems and to develop informed opinions.
- Σ **Information Literacy:** ZU graduates will be able to find, evaluate and use appropriate information from multiple sources to respond to a variety of needs.
- Σ **Global Awareness:** ZU 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.
- Σ **Leadership:** ZU graduates will be able to undertake leadership roles and responsibilities, interacting effectively with others to accomplish shared goals.

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 made up of two distinct phases:

1. **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 the University and to career education, global awareness, English, Arabic, and science, mathematics, and technology.
2. **Menu Courses:** As students move into their majors, they enroll in courses in the colleges that systematically continue the development of the University-wide learning goals. Establishing a bridge between the Colloquy and the majors, these courses continue the development of learning in language and information literacy (Menus III and VI) and information technology (Menu IV). The spirit of interdisciplinary exploration continues through a Menu V elective.

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	Colloquium	3
COL 130	Arabic Concepts	3
COL 140	English Composition I	3
COL 150	Global Awareness I: Emerging Civilizations	3
Total Credits		15
Semester Two		Credits
COL 105	Career Exploration	3
COL 135	Islamic Civilization I	3
COL 145	English Composition II	3
COL 155	Global Awareness II: Imperial Encounters	3
COL 111	Mathematical Modeling with Functions	3
COL 165	The Nature of Science Discovery	3
Total Credits		18
Semester Three		Credits
ADV 201	Advising	0
COL 230	Islamic Civilization I	3
COL 240	English Composition III	3
COL 250	Global Awareness III: The Twentieth Century and Globalization	3
COL 260*	Environmental Science	3
COL 270*	Introduction to Information Technology	3
Total Credits		15
Colloquy Common Core: Total Credits		48

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

Menu Courses and Arabic Labs: Semesters Four - Six*		
Semester Four		Credits
Menu III	Global Awareness, Language and Information Literacy	3-6
Menu IV	Critical Thinking and Quantitative Reasoning and Information Technology	3-6
Arabic Lab**	Linked to Major Course	1**
Total Credits		10
Semester Five		Credits
Menu V	Elective (Outside Major Program)	3
Semester Six		Credits
Menu VI	English-Intensive Major Course	3***
Arabic Lab**	Linked to Major Course	1**
Total Credits		7
Menu Courses and Arabic Lab Total Credits		14 to 17
<p>* Sequencing of Menu courses and Arabic labs in the Eight-Semester Plans may vary slightly according to college needs. Courses to meet Menu III, IV, and VI may also be part of a College Core.</p> <p>** Colleges may offer alternatives that are approved by the Colloquy Program.</p> <p>*** Credit hours for English-intensive major courses included in Semester Six are generally counted within the credit hours required by the major.</p>		

Summary	
Colloquy on Integrated Learning Common Core Credits	48
Menu Course and Arabic Lab Credits	14 to 17*
Total Credits	62 to 65*
<p>* Courses to meet Menu III, IV and VI may also be part of the College Core. Credit hours for English-intensive major courses included in Semester Six are generally counted within the credit hours required by the major.</p>	

Key Features of the Colloquy Core

Sequence 1

University Socialization and Career Education COL 120 and 105

Sequence 1 of the Colloquy aims to socialize students to the University and assist them in selecting a major. It does so through:

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

During the first semester, students enroll in Colloquium (COL 120), a course that introduces them to the University and its disciplines. The course explores how the sciences, social sciences, and the humanities use their different intellectual tools to generate knowledge. Furthermore, students are introduced to the way in which this knowledge is used through examining how the various professions understand and improve human life. The course also helps students develop solid study and leadership skills.

During the second semester students enroll in Career Exploration (COL 105). This course assists them in exploring the relationship between their personal talents and circumstances and the professional world they will enter after graduation. Students also participate in Majors Day as part of their work in Colloquium. In workshops delivered by each of the colleges, students learn about the various courses of study open to them at ZU. COL 105 assists students in preparing to select their major, a selection that they will make in the third semester in Advising 201.

Semester 1	Semester 2	Semester 3
COL 120 Colloquium	COL 105 Career Exploration	ADV 201 Advising (Application to Majors)

Students who exit the Academic Bridge Program mid-semester (“Term B” students) normally enroll in special sections of English Composition I and Global Awareness I (COL 140 and 150). Taken together as “double-density” courses delivered in 10 weeks, these six hours of courses constitute the student’s full load for the second term of the semester. Term B students enroll in COL 105 and Islamic Civilization I in their first full semester.

Sequence 2

The Global Awareness Courses

COL 150, 155, 250, 135, 230

One of the Colloquy’s primary goals is to equip students with tools for analyzing the dynamic change that is taking place in the U.A.E., 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 a variety of past cultures and embraces as well a study of contemporary cultures. The other set concentrates on Islamic civilization. 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 studies two ancient civilizations. In Global Awareness II students encounter five empires: Aztec, Mali, Kongo, Ottoman, and British. The twentieth century and globalization occupy the attention of students in Global Awareness III. 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 250 Global Awareness III
	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 this skill. 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 the student’s 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 tailored to their major as a part of Menu VI. 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. The 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 ZU. The COL 130 course includes units covering various aspects of the Arabic language and literature such as prominent intellectual and social issues pertaining to UAE 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, 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. Using a project-based approach, students in Mathematical Modeling with Data (COL 110) use computing to solve problems and complete meaningful tasks. 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. In

The Nature of Science Discovery (COL 165) students are taught to think scientifically while in Environmental Science (COL 260), students develop their ability to use scientific and quantitative principles to analyze the impact of human activity on the natural environment. COL 270 supports the strengthening of technologically assisted quantitative and scientific thinking.

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 COL 165 The Nature of Science Discovery	COL 260 Environmental Science 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 may require the student to enroll in MTH 101 Basic Mathematics.

Key Features of the Colloquy

Menu Courses and Arabic Labs

The Colloquy on Integrated Learning facilitates cooperation between the common core curriculum and the majors through a set of Menus. These Menus link the Colloquy program to coursework in the colleges and contribute to the development of disciplinary objectives as well as Zayed University Learning Outcomes. Colleges designate, as part of their majors, nine credit hours of course work distributed between Menu III (Global Awareness, Language, and Information Literacy) and Menu IV (Critical Thinking and Quantitative Reasoning and Information Technology). The course that students

select from Menu V is a genuine elective that allows students to explore interests aside from their major requirements. The curricula of the Menu VI courses and the Arabic Labs are oriented to language development in the majors.

Menu III: Global Awareness, Language, and Information Literacy

Menu III courses build upon work in the Global Awareness sequence and introduce students to selected aspects of the Humanities and the Social Sciences as they relate to the majors. These courses come from various disciplines and also contribute to the development of language and information literacy learning outcomes. Majors designate one or two major course requirements as Menu III.

Menu IV: Critical Thinking and Quantitative Reasoning and Information Technology

Menu IV courses build upon work in the Science, Mathematics, and Technology sequence and introduce students to selected aspects of science, mathematics, and/or information technology as they relate to the majors. These courses also contribute to the development of computing applications and critical thinking learning goals. Majors designate one or two major course requirements as Menu IV.

Menu V: Elective

All students take at least one elective course outside the courses offered by their major. This requirement for a genuine elective continues the spirit of interdisciplinary exploration that stands at the core of integrated learning and gives the student an opportunity to take a course outside the college or department of the student's major.

Menu VI: Professional Language Development

English: Each major designates at least one of its required courses as English intensive. This course supports students' capacity to work in the vocabulary and genres of their major. It supports their further growth in the use of the English language in a professional context.

Arabic: Each major designates at least two required courses to be linked to a 1-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.

Assessment: Assessment of English and Arabic competency takes place during the sixth or seventh

semester. These assessments may be linked to the Menu VI courses and labs or may be a part of other assessments, such as those to determine eligibility for internships.

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 an introduction to both careers education and the fields of study available at Zayed University. 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 Centers

University College maintains three centers staffed with faculty members who offer developmental assistance to students in writing, Arabic, and mathematics. The Centers also act as resources 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 Arts and Sciences, the College of Business Sciences, and the College of Information Technology. 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 (see page 156).

College of Arts and Sciences

Degrees

Bachelor of Arts (B.A.)

Major

Art and Design

Specializations

Animation
Graphic Design
Interior Design
Visual Art

Major

International Studies

Specializations

Culture and Society
International Affairs

Major

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

Bachelor of Science (B.S.)

Major

Health Sciences

Specializations

Environmental Health
Health Education and Health Promotion
Nutrition

Major

Multimedia Design (joint with College of
Communication and Media Sciences and College
of Information Technology)

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

Executive Masters in Health Care Administration (EMHCA)

Executive Masters in Public Administration (EMPA)

Minors

Applied Psychology
Curatorial Practices
Literature

Certificates

Graduate Certificate in Diplomacy and
International Affairs

Graduate Certificate in Health
Care Administration

Graduate Certificate in Museum Studies

Faculty Listings by Department

Dean: Michael Allen

Associate Dean: Christopher Nuttman

Art and Design

Associate Professors: Nader Azab, Janet Bellotto
(Co-Chair), Leon Chew, Russell Hamilton, Ronald
Hawker, Karen Oremus (Co-Chair)

Assistant Professors: Michele Bambling, Yunsun
Chung-Shin, Denielle Emans, Adina Hempel,
Rahul Malpure, Stefan Messam,
Elizabeth Monoian, Sharon Parker, Colleen Quigley,
Omid Rouhani, Naz Shahrokh, Tina Sleiman, Marco
Sosa, Joshua Watts

Instructors: Naseem Abaeian, Nazima Ahmad,
Cynthia Capriata, Violet Rashad

Humanities and Social Sciences

Professors: Habibul Khondker, Andrew Major
(Director, College of Arts and Sciences Graduate
Programs)

Associate Professors: Omnia Amin,
Jane Bristol-Rhys, Frank Cibulka,
Annick Durand, Paul Fox, Lisa Isaacson (Co-Chair),
Sabrina Joseph (Co-Chair),
Maher Khelifa, Mehrdad Mozayyan,
Rafael Reyes-Ruiz

Assistant Professors: Kristian Alexander, Amir
Al Islam, Nezar Andary, Sara Chehab, Penny Evans,
Steven Gardiner, Merhaj Jaman, Suzanne Joseph,
Akbar Keshodkar, Susanne Kranz, Mohammad
Masad, David Mason, Thomas Pfau, Anke
Reichenbach, Swetasree Roy, Rima Sabban, Li-Chen
Sim, Jeffrey Szuchman, Federico Velez, Sandra
Wynands

Instructors: Hissa Al Dhaheri, Mhamed Biygautane,
David Chaudoir, Dina Khanat, Andrew Patrick, Kevin
Phillips, Sandra Staicu, James Williams, Zhiguang Yin

Natural Science and Public Health

Professors: Man Chung, Bared Garabedian

Associate Professors: Usama Alalami,
Thamir Al Najjar, Perla Atiyah, Carol Campbell,
Andrew Gardner, Munawwar Khan

Assistant Professors: Fatme Al Anouti,
Rania Dghaim, Jane Dunkley, Malin Garemo, Brigitte
Howarth, Gihan Ibrahim, Mercedes Sheen, Justin
Thomas

Instructors: Hazel Broome (Assistant Chair), Kassem
El Saddik, Merryn McKinnon, Monique Raynor,
Tamara Witters

Introduction

The College of Arts and Sciences is a large,
complex organization that fulfills three major roles.

The college plays a central role in the Colloquy on Integrated Learning, Zayed University's core curriculum, in which all ZU students study a full range of subjects recognized as the foundation for modern learning. The college likewise offers a wide array of courses that support the major programs in the professional colleges. The college offers specialization through its own majors that provide students with the opportunity to deepen their understanding of the nature and richness of human learning and experience and to apply their knowledge through research and internship experiences.

Mission

The College of Arts and Sciences 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:

1. To contribute to the general knowledge of all University students by designing and offering a range of core curriculum courses that enhance both subject knowledge and skills development;
2. To serve the needs of the professional colleges and support their programs by providing elective courses in the humanities, art and design, social and behavioral sciences, and natural science and public health and minors in Applied Psychology, Curatorial Practices, and Literature; and
3. To offer majors in selected disciplines that are intellectually and socially meaningful and prepare students for current and future career opportunities.

Academic Programs

The college offers academic majors leading to baccalaureate degrees in Art and Design, International Studies, and Health Sciences.

The departments responsible for those degrees—Art and Design, Humanities and Social Sciences, and Natural Science and Public Health—are featured on pages 43-67, where full descriptions of the degrees appear.

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

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

This interdisciplinary program draws theoretical perspectives and applied knowledge from two

departments in the College of Arts and Sciences (Humanities and Social Sciences; Art and Design) 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 U.A.E. 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 U.A.E. 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 Information Technology 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. The Department of Art and Design provides the faculty from the College of Arts and Sciences.

In addition to those 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 included in Course Descriptions on pages 157-193, the list of courses 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 undertakes to support the development of competence in English of all students from the point of entry to degree completion. It also provides courses at advanced levels for students in the College of Education so that they can develop teaching specialties in the basic disciplines. Students preparing to teach in either government or private schools, kindergarten through twelfth grade, will major in Education and complete discipline studies in other subjects to qualify as required for teaching.

In addition to its own three major programs, the two programs offered jointly with other colleges, and various service courses, the College of Arts and Sciences offers three minor programs: Applied Psychology, Curatorial Practices, 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. These six courses constitute the minor in Applied Psychology:

- PSY 212 Psychology in Everyday Life
- PSY 310 Introduction to Helping Skills
- PSY 363 Social Psychology
- PSY 410 Individual and Family Assessment
- PSY 413 Individual and Family Intervention Strategies
- HSC 375 Health and Behavior

Minor in Curatorial Practices

The Department of Art and Design 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 U.A.E. 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 U.A.E. 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
- ART327 Representation: Exhibition, Display, and Interpretation II
- ART 420 Communities, Curatorial Practices, and Collections

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 these six courses, normally offered in the semester noted parenthetically.

- HSS 282 Film and Literature (spring)
- HSS 293 Drama (spring)
- HSS 372 Modern and Contemporary Literature (spring)
- HSS 375 The Novel (fall)
- HSS 472 World Poetry (fall)
- HSS 479 World Fiction (spring)

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 ZU Learning Outcomes is assessed through the normal assessment process in each course by instructors. Advisors monitor the development process of ePortfolios and, during the fourth year, prior to internship, a team of major advisors and instructors assesses ZULO achievement levels and readiness for internship.

Major Learning Outcomes and Assessment Protocols

Degree programs in the College of Arts and Sciences have their own Major Learning Outcomes and Assessment Protocols. These are found within the program descriptions.

Assessment Protocols

In the College of Arts and Sciences, assessment protocols are designed within each major to document a student's development in relation to the unique outcomes of that major. The assessment protocols are founded on four principles:

1. Student learning is the central focus of the college's efforts.
2. Each student's assessment will consider both the mastery of content and the learning outcomes established for the program.
3. Each student should be able to demonstrate the application of learning beyond the classroom.
4. Students should develop the skills and confidence to become effective, independent, lifelong learners as a result of their educational experience.

Assessment addresses these principles by requiring students to demonstrate what they have learned through a variety of activities such as writing assignments, course examinations, creative

projects, team activities, internship experiences, and public presentations. Students prepare portfolios, defined differently by major, as the record of the assessment process.

Relationship of Major Learning Outcomes with the ZU Learning Outcomes

The Zayed University Academic Program Model was developed as a pedagogical and curricular framework to support student achievement of the University's goals and to enhance the ability of faculty to give students clear, constructive guidance in the learning process. Its focus on outcomes facilitates coordination of students' learning experiences and promotes alignment of University priorities with learning goals. The Academic Program Model is based on sets of outcomes both within and outside the major that faculty have identified as required for lifelong learning and continued student success.

The Major Learning Outcomes of the College of Arts and Sciences complement the Zayed University Learning Outcomes (ZULOs) by

- providing a disciplinary context for application of the ZULOs;
- setting a high standard related to professional expectations of students; and
- combining interrelated Major and Zayed University Learning Outcomes to produce in-depth learning.

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 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 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 250, COL 260, and COL 270.

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

Arts and Sciences Curricula

Majors in the College of Arts and Sciences 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 although students themselves may add credit hours as will, for example, the students enrolled in Honors Thesis Graduation requirements for the specific degree programs within the College of Arts and Sciences 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 Arts and Sciences 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 Arts and Sciences, see pages 117-126.

Outreach and Engagement

The college of Arts and Sciences participates in outreach and engagement activities coordinated by the Institute for Community Engagement (see page 156).

Department of Art and Design

Introduction

The Department of Art and Design in the College of Arts and Sciences combines the traditional disciplines of painting and drawing, art history, theories of aesthetics, design, and the execution of works of art, in a variety of media and technology, together with the disciplines of Animation, Graphic Design, Interior Design, and Visual Art. This combination of a grounding in the basic fields of art with the skills of the technologist provides students with the ability to be practicing artists in a wide variety of media and to pursue a lifetime of artistic growth and contribute through innovation in the creative economies of the 21st century. The department offers a Bachelor of Arts degree in Art and Design with options to specialize in Animation, Graphic Design, Interior Design, and Visual Art.

Mission

[CREATIVE|INNOVATIVE|COLLABORATIVE|EMPOWERING]

The Department of Art and Design 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 initiatives in culture 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 U.A.E. 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 U.A.E.

Academic Program

Zayed University is the first 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 Art and Design 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 ZU Learning Outcomes is assessed through the normal assessment process in each course by instructors, and specific courses are assessed through ePortfolios.

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

Major Learning Outcomes and Assessment Protocols

The Learning Outcomes of the Art and Design major are common to the international standards for art studies and relate to all of the specializations. Graduates in Art and Design 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 successfully utilize theories and ideas regarding contemporary issues in their artwork.
- 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 proficient in the practical application and ethical use of art and design skills as a vehicle for self expression, as well as for professional results.
- Students accumulate capabilities for independent work in the art and design professions.
- Students provide an informed response to a global concept or issue that demonstrates social responsibility.

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

- Students can demonstrate proficiency in the use of a number of visual media expressions and technologies.
- Students display an integrated approach utilizing multiple art and design media expressions and technologies in their professional portfolio in an ethical manner.

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 demonstrate an understanding of the principles and processes integral to visual art and design work.

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

- Students can demonstrate proficiency in the use of a number of technologies.
- Students display an integrated approach utilizing multiple technologies in their professional portfolio in an ethical manner.

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 Art and Design major 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

In addition to the requirements specified on page 41, the Department of Art and Design will specify whether or not an applicant must complete the required COL 260 before being accepted into the major. The department also requires that entering students achieve a grade of "C" or higher in one practical art course.

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 which provide the foundation for all specializations. From these foundation courses, students branch into the specialization of their choice. Students from all specializations 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, and 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.

Specializations

ANIMATION

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.

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, packaging design, 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.

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.

VISUAL ART

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, photography, printmaking, and sculpture, 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 125 semester credit hours and attain the standards specified on page 42.

Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Graphic Design
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	COL 260	Environmental Science	3
	COL 240	English Composition III	3	HSS 261 or HSS 323 or ART 221	Introduction to Culture and Society or Introduction to International Relations or Research Methods for Artists and Designers	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	ART 205	Art Foundations	3
	COL 270	Introduction to Information Technology	3	ART 223	Arts of the Modern World	3
	ART 201	Principles of Design	3	ART 223AL	Arabic Lab I	1
	ART 220	Introduction to Art History	3	ART 251	Basic Design	3
			Total	18		Total
Year 3	ART 310	Drawing I	3	ART 312	Painting I	3
	ART 351	Graphic Design I	3	ART 352	Graphic Design II	3
	ART 357	Designing for the Web I	3	ART 356	Typography I	3
	ART XXX	Studio Course	3	ART 452	Packaging Design	3
	ART XXX	Design Course	3	ART XXX	Art History Course	3
			Total	15		Total
Year 4		<i>Term-length courses</i>		ART 496	Senior Project	4
	ART 405	The Professional Artist	3	ART XXX	Art History Course	3
	ART 405AL	Arabic Lab II	1	ART XXX	Design Course	3
	ART 451	Graphic Design III	3	ART XXX	Studio Course	3
	ART 456	Typography II	3	Elective	Non- ART Elective	3
	ART 490	Internship	6			
		Total	16		Total	16

Total = 129 Credit Hours

**Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Animation
Design and Studio Course Options**

ART Design		
	ART 287	Basics of Interior Design
	ART 311	Drawing for Designers
	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
ART 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 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 Course Options

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 420	Communities, Curatorial Practices, and Collections
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 421	Material Culture of the U.A.E
	ART 422	Contemporary Art Theory

Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Interior Design
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	COL 260	Environmental Sciences	3
	COL 240	English Composition III	3	ART 205	Art Foundations	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	ART 223	Arts of the Modern World	3
	COL 270	Introduction to Information Technology	3	ART 223AL	Arabic Lab I	1
	ART 201	Principles of Design	3	ART 251	Basic Design	3
	ART 220	Introduction to Art History	3	ART 287	Basics of Interior Design	3
		Total	18		Total	16
Year 3	ART 221 Or HSS 261 Or HSS 323	Research Methods for Artists and Designers Or Introduction to Culture and Society Or Introduction to International Relations	3	ART 312	Painting I	3
	ART 310	Drawing I	3	ART 385	Interior Design Studio II	3
	ART 336	Interior Design Studio I	3	ART XXX	Art History Course	3
	ART 379	Computer Aided Design (CAD) for Interior Designers	3	ART XXX	Studio Course	3
	ART XXX	Design Course	3	ART XXX	Design Course	3
		Total	15		Total	15
		Term-length courses		ART 489	Interior Design Studio IV	3
	ART 337	Color and Light Design	3	ART 496	Senior Project	4
ART 405	The Professional Artist	3	ART XXX	Art History Course	3	
ART 405AL	Arabic Lab II	1	ART XXX	Studio Course	3	
ART 486	Interior Design Studio III	3	Elective	Non- Art Elective	3	
ART 490	Internship	6				
	Total	16		Total	16	

Total = 129 Credit Hours

Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Graphic Design
Design and Studio Course Options

ART 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 387	Furniture Design
	ART 389	Basic Architecture
	ART 452	Packaging Design
	ART 453	Portfolio Design
	ART 457	Designing for the Web II
ART 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 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 Course Options

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 420	Communities, Curatorial Practices, and Collections
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 421	Material Culture of the U.A.E
	ART 422	Contemporary Art Theory

Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Animation
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	COL 260	Environmental Science	3
	COL 240	English Composition III	3	ART 205	Art Foundations	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	ART 221 or HSS 261 or HSS 323	Research Methods for Artists and Designers Introduction to Culture and Society Introduction to International Relations	3
	COL 270	Introduction to Information Technology	3	ART 223	Arts of the Modern World	3
	ART 201	Principles of Design	3	ART 223AL	Arabic Lab I	1
	ART 220	Introduction to Art History	3	ART 251	Basic Design	3
		Total	18		Total	16
Year 3	ART 310	Drawing I	3	ART 312	Painting I	3
	ART 357	Designing for the Web I	3	ART 345	Digital Video I*	3
	ART 375	3D Modeling	3	ART 377	Animation II	3
	ART 376	Animation I	3	ART XXX	Design Course	3
	ART XXX	Studio Course	3	ART XXX	Art History Course	3
		Total	15		Total	15
Year 4		Term-length courses		ART 477	3D Lighting and Rendering	3
	ART 405	The Professional Artist	3	ART 496	Senior Project	4
	ART 405 AL	Arabic Lab II (Menu VI)	1	ART XXX	Studio Course	3
	ART 476	Animation III	3	ART XXX	Art History Course	3
	ART XXX	Design Course	3	Elective	Non- ART Elective	3
	ART 490	Internship	6			
		Total	16		Total	16

Total = 129 Credit Hours

*As technology continually develops, the department chair may agree to substitute a multimedia course or a course including a component of video.

Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Interior Design
Design and Studio Course Options

ART 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 357	Designing for the Web I
	ART 356	Typography 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
	ART 491	Interior Design Methods of Construction
ART 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 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 Course Options

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 420	Communities, Curatorial Practices, and Collections
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 421	Material Culture of the U.A.E
	ART 422	Contemporary Art Theory

Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Visual Art
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	COL 260	Environmental Science	3
	COL 240	English Composition III	3	ART 205	Art Foundations	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	ART 221 or HSS 261 or HSS 323	Research Methods for Artists and Designers Introduction to Culture and Society Introduction to International Relations	3
	COL 270	Introduction to Information Technology	3	ART 223	Arts of the Modern World	3
	ART 201	Principles of Design	3	ART 223AL	Arabic Lab I	1
	ART 220	Introduction to Art History	3	ART 251	Basic Design	3
		Total	18		Total	16
Year 3	ART 310	Drawing I	3	ART 313	Drawing II	3
	ART 312	Painting I	3	ART 345	Digital Video I*	3
	ART 315	Sculpture I	3	ART XXX	Design Course	3
	ART 340	Photography I	3	ART XXX	Studio Course	3
	ART 360	Printmaking I	3	ART XXX	Art History Course	3
		Total	15		Total	15
Year 4		Term-length courses		ART 496	Senior Project	4
	ART 405	The Professional Artist	3	ART XXX	Design Course	3
	ART 405AL	Arabic Lab II	1	ART XXX	Art History Course	3
	ART XXX	Studio Course	3	ART XXX	ART Elective	3
	ART XXX	ART Elective	3	Elective	Non-ART Elective	3
	ART 490	Internship	6			
		Total	16		Total	16

Total = 129 Credit Hours

* As technology continually develops, the department chair may agree to substitute a multimedia course or a course including a component of video.

Zayed University
College of Arts and Sciences
Bachelor of Arts in Art and Design
Specialization in Visual Art
Design and Studio Course Options

ART 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 351	Graphic Design I
	ART 352	Graphic Design II
	ART 355	Designing with Color
	ART 357	Designing for the Web I
	ART 359	Information Design
	ART 375	3D Modeling
	ART 376	Animation I
	ART 387	Furniture Design
	ART 379	Computer Aided Design (CAD) for Interior Designers
	ART 328	Cross Cultural Influences in Design
	ART 336	Interior Design Studio I
	ART 356	Typography I
	ART 452	Packaging Design
	ART 457	Design for the Web II
	ART 456	Typography II
ART Studio		
	ART 311	Drawing for Designers
	ART 314	Illustration and Visual Narrative
	ART 316	Ceramics I
	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 460	Printmaking III
	ART 430	Curatorial Practices
	ART 440	Photography III
	ART 497	Special Topics in Art and Design

Art History Course Options

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 420	Communities, Curatorial Practices, and Collections
	ART 425	History of Graphic Design
	ART 426	History of Interior Design
	ART 427	History of Animation
	ART 421	Material Culture of the U.A.E
	ART 422	Contemporary Art Theory

Zayed University
College of Arts and Sciences
Bachelor of Arts in Emirati Studies
(Joint with College of Communication and Media Sciences)
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 250	Global Awareness III: The Twentieth Century and Globalization	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 History of Islamic Art and Architecture	3 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 337	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 474	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 Sciences
Bachelor of Science in Multimedia Design
(Joint with College of Communication and Media
Sciences and College of Information Technology)
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	COL 260	Environmental Science	3	
	COL 240	English Composition III	3	ART 251	Basic Design	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	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	New Media	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	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	1	
		Total	18		Total	15	
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	12/15

Total = 130/133 Credit Hours

Department of Humanities and Social Sciences

Introduction

The Department of Humanities and Social Sciences offers an array of courses in the humanities and social sciences and also provides essential disciplinary resources to the Colloquy on Integrated Learning. Advanced courses in various disciplines support the majors in other colleges and departments. The department 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 the degree in Emirati Studies. The department's disciplines are integrated for the study of the nature of culture and society, in international affairs, the impacts of globalization, and issues of social and political development. The department includes the disciplines of anthropology, sociology, political science, international relations, comparative literature, and history.

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 foundation courses in the core curriculum of the Colloquy on Integrated Learning;
- Provide a major for students who are interested in understanding and analyzing and eventually leading the U.A.E. 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.

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 U.A.E., 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 Arts and Sciences 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 the major social science and humanities disciplines (anthropology, sociology, political science, international relations, comparative literature, and history), 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 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 ZU Learning Outcomes through the normal assessment process in each course. Advisors monitor the development process of ePortfolios 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.

- **Information Technology:** 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 U.A.E.;
- 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 languages.

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 U.A.E. and are prepared as well as 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 Comparative Intellectual Traditions, which provides the intellectual context for upper division courses focusing on cultural and political traditions around the world, and World History, which delves into the historical context that gave rise to different intellectual traditions and their cultural, political, and social dynamics.

In semester four students choose either 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 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 Introduction to International Relations and Introduction to Culture and Society. After taking these two courses and consulting with their academic advisors, students decide which specialization to follow.

The courses in semesters five are also common to both specializations and are meant as developmental courses: Comparative Sociology, The Politics of Identity, and area studies courses such as World Regions and Comparative Political Systems.

Specialized courses (semesters five and six)

Students specializing in International Affairs are required to take 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 International Law and World Politics, Foreign Relations of the United States, and International Relations in the Gulf Region. Courses in political economy include State Society and the Economy, Development and Underdevelopment, and 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 courses in Critical Thinking I and II; Geography: People, Places and Power or Cities: Culture, Space, Sustainability; Women, Society, and Politics or People and Cultures of the Middle East; and Popular Cultures of the World or 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. In addition to the one requirement in semester six, any of the other courses can be taken as elective courses.

Students from both concentrations are required to take at least one 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 ZU 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 42. Students who are selected to complete the Honors Thesis will graduate with 128 credit hours.

Zayed University
College of Arts and Sciences
Bachelor of Arts in International Studies
Specialization in Culture and Society
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	ART 251 or CIT 210 or COM 280 or MTH 281	Basic Design or Introduction to IT and Systems or New Media (All Menu IV) 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 250	Global Awareness III: The Twentieth Century and Globalization	3	HSS 200AL	Arabic Lab I (Menu VI)	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 323	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 (for non thesis students)*	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 Arts and Sciences
Bachelor of Arts in International Studies
Specialization in International Affairs
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	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 I	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 250	Global Awareness III: The Twentieth Century and Globalization	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 323	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 or ECN 202	Development and Underdevelopment or The State, Society, and the Economy or The Politics of Oil or Understanding Macroeconomics (2 credits)	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

Dept	#	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

Dept	#	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 Application	3
HSS	202	Archaeology: Knowledge and Methods	3
HSS	282	Film and Literature	3
HSS	293	Drama	3
HSS	314	Peoples of the World	3
HSS	321	Heritage of the Gulf	3
HSS	375	The Novel	3
HSS	472	World Poetry	3
HSS	479	World Fiction	3

Zayed University
College of Arts and Sciences
Bachelor of Arts in Emirati Studies
(Joint with College of Communication and Media Sciences)
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 250	Global Awareness III: The Twentieth Century and Globalization	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 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 337	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 474	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.

Department of Natural Science and Public Health

Introduction

The Department of Natural Science and Public Health offers a wide range of courses to meet the needs of the Health Sciences major and the Psychology minor. Many courses are also available for students pursuing other majors, notably in the College of Education. A growing research and outreach program is designed to focus on national needs in the U.A.E., and faculty from Natural Science and Public Health also contribute to the Executive Masters in Health Care Administration.

Mission

Health and well-being are central aims for most societies as they work to sustain living and working environments that are safe and healthy. The mission of the Health Sciences program 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.

Academic Program

The Health Sciences major prepares graduates for careers in the rapidly developing U.A.E. health sector and related areas. Graduates from the program have a strong scientific background combined with an excellent understanding of social and cultural factors affecting health. 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 ZU Learning Outcomes is assessed by instructors through the normal course assessment program. Advisors monitor the development process of ePortfolios 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 as part of the senior project and through periodic assessments by instructors and advisors during the undergraduate program.

Major Learning Outcomes

Graduates from the Health Sciences Program will be able to:

- identify and understand community health problems, especially those prevalent in the U.A.E. region;
- analyze health information and issues using a wide range of disciplines and perspectives;
- effectively communicate professional advice and information relating to health issues, products, policies, and plans in different social, cultural, and organizational contexts;
- develop strategies and programs to maintain and improve health status in the community;
- proceed to specialized professional training or graduate education; and
- apply their versatility and extensive interdisciplinary background in careers both within and outside the health sector as managers and analysts.

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 health and well-being within the University.

Health Sciences Curriculum

The Health Sciences 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 public health and nutrition professionals who will be able to provide leadership and effective management. All majors in Health Sciences complete a common core of courses in science, health promotion and education, epidemiology, research methods, internship, and senior project.

Specializations

Environmental Health

Students in the Environmental Health specialization have an interest in applied science and environmental management. Careers involve

gathering and interpreting information and also regulating and inspecting in diverse settings such as schools, hotels, restaurants, hospitals, workplaces in general, and, as well, the natural environment with the aim of creating and sustaining a healthy environment for all.

Health Education and Health Promotion

The focus of this specialization 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. Knowledge and skills are developed that enable graduates to work effectively with decision-makers, professionals, and others in the community to analyze health issues and problems in different settings and create and manage programs to enhance health and well-being.

Nutrition

Students selecting the Nutrition specialization gain knowledge about matters such as nutritional needs across the lifespan, the role of nutrition in disease prevention and health promotion, therapeutic diets, and food safety. Career opportunities exist in a wide range of settings that include local hospitals, government ministries, clinics, schools, and private sector organizations.

Internship

The internship provides professional experience for Health Sciences 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 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 when appropriate or beneficial.

Graduation Requirements

Students must complete at least the number of credit hours shown on the Health Sciences eight-semester plan for their specialization and attain the standards specified by the College of Arts and Sciences.

Zayed University
College of Arts and Sciences
Bachelor of Science in Health Sciences
Specialization in Environmental Health
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 101 and BIO 101L	Biological Concepts I	4	
	COL 240	English Composition III	3	CHE 101 and CHE101L	General Chemistry I	4	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	HSC 350	Health Promotion and Health Education	3	
	COL 260	Environmental Science	3	HSC 350AL	Arabic Lab	1	
	COL 270	Introduction to Information Technology	3	HSC 366 or MTH 281	Introduction to Epidemiology or Probability and Statistics I	3	
	MTH 281 or HSC 366	Probability and Statistics I or Introduction to Epidemiology	3	PSY 212	Psychology in Everyday Life	3	
			Total	18		Total	18
Year 3	BIO 102 and BIO 102L	Biological Concepts II	4	BIO 321 and BIO 321L	Human Physiology	4	
	CHE 331 and CHE 331L	Biochemistry	4	BIO 372 and BIO 372L	Microbiology	4	
	HSC 331 and HSC 331L	Physics in Health Sciences	4	HSC 323	Food Sanitation and Hygiene	3	
	HSC 367	Patterns of Health, Disease, and Injury	3	HSC 468	Health and Social Policy	3	
	Elective	Non- HSC Elective	3	BUS 309	Introduction to Management	3	
			Total	18		Total	17
	Year 4	HSC 466	Research Methods in Health Sciences	3	HSC 480	Professional Practices in Health Sciences	3
HSC 470		Water and Solid Waste Management	3	HSC 480AL	Professional Practices in Health Sciences Arabic Lab	1	
HSC 471		Monitoring and Risk Assessment	3	HSC 491	Senior Project	3	
HSC 475		Quantitative Exposure Assessment for the Health Sciences	3	HSC 490	Internship	6	
HSC 477		Case Studies in Environmental Hazards	3				
			Total	15		Total	13

Total = 132 Credit Hours

Zayed University
College of Arts and Sciences
Bachelor of Science in Health Sciences
Specialization in Health Education and Health Promotion
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	
Year 2	COL 230	Islamic Civilization II	3	BIO 101 and BIO 101L	Biological Concepts I	4
	COL 240	English Composition III	3	BIO 102 and BIO 102L	Biological Concepts II	4
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	CHE 101 and CHE 101L	General Chemistry I	4
	COL 260	Environmental Science	3	MTH 281 or HSC 366	Probability and Statistics I or Introduction to Epidemiology	3
	COL 270	Introduction to Information Technology	3	PSY 212	Psychology in Everyday Life	3
	MTH 281 or HSC 366	Probability and Statistics I or Introduction to Epidemiology	3			
	Total			18	Total	
Year 3	BUS 309	Introduction to Management	3	BIO 321 and BIO 321L	Human Physiology	4
	CHE 331 and CHE 331L	Biochemistry	4	BIO 372 and BIO 372L	Microbiology	4
	HSC 331 and HSC 331L	Physics in Health Sciences	4	HSC 350	Health Promotion and Health Education	3
	HSC 367	Patterns of Health, Disease and Injury	3	HSC 350 AL	Arabic Lab	1
	Elective	Non- HSC Elective	3	HSC 375	Health and Behavior	3
	Total			17	Total	
Year 4	HSC 323	Food Sanitation and Hygiene	3	HSC 480	Professional Practices in Health Sciences	3
	HSC 403	Practicum in Health Sciences (or Major Elective)	3	HSC 480AL	Arabic Lab	1
	HSC 450	Planning and Evaluation in Health Promotion and Health Education	3	HSC 491	Senior Project	3
	HSC 466	Research Methods in Health Sciences	3	HSC 490	Internship	6
	HSC 468	Health and Social Policy	3			
	HSC 469	Settings for Health Education and Promotion	3			
Total			18	Total		13

Total = 132 Credit Hours

Zayed University
College of Arts and Sciences
Bachelor of Science in Health Sciences
Specialization in Nutrition
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 101 and BIO 101L	Biological Concepts I	4
	COL 240	English Composition III	3	CHE 101 and CHE 101L	General Chemistry I	4
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	HSC 205	Principles of Nutrition	3
	COL 260	Environmental Science	3	MTH 281 or HSC 366	Probability and Statistics I or Introduction. to Epidemiology	3
	COL 270	Introduction to Information Technology	3	PSY 212	Psychology in Everyday Life	3
	MTH 281 or HSC 366	Probability and Statistics I or Introduction. to Epidemiology	3			
	Total		18	Total		17
Year 3	BIO 321 and BIO 321L	Human Physiology	4	BIO 372 and BIO 372L	Microbiology	4
	CHE 331 and CHE 331L	Biochemistry	4	HSC 318	Food Science	3
	HSC 307	Nutrition Across the Lifespan	3	HSC 350	Health Promotion and Health Education	3
	HSC 323	Food Sanitation and Hygiene	3	HSC 350AL	Arabic Lab	1
	HSC 328	Diet Planning and Assessment	3	HSC 402	Diet and Disease	3
				HSC 412	Advanced Human Nutrition	3
	Total		17	Total		17
Year 4	BUS 309	Introduction to Management	3	HSC 480	Professional Practices in Health Sciences	3
	HSC 422	Nutrition Education and Wellness Counseling	3	HSC 480AL	Arabic Lab	1
	HSC 440	Clinical Nutrition	3	HSC 491	Senior Project	3
	HSC 466	Research Methods in Health Sciences	3	HSC 490	Internship	6
	HSC 468	Health and Social Policy	3			
	Elective	Non- HSC Elective	3			
	Total		18	Total		13

Total = 133 Credit Hours

College of Business Sciences

Degrees

Bachelor of Science (B.S.)

Major

Business Sciences

Specializations

Accounting

Finance

Human Resource Management

Marketing

Major

Information Systems and Technology

Management (joint with College of Information Technology)

Executive Masters in Business Administration (EMBA)

Master of Science (M.S.) in Finance

Master of Science (M.S.) in Innovation and Entrepreneurship

Master of Science (M.S.) in International Business

Certificate

Graduate Certificate in Business Administration

Faculty Listings

Dean: John Seybolt

Associate Dean: Emil Thies

Professors: Abdolhossein Ansari, Douglass Cagwin, Farzad Farsio, Nicholas Forster, Valerie Goby, Lawrence Tai

Associate Professors: Kerim Arin, Yoosuf Cader, Amal El Sawad, Osama El-Temtamy, Shokoofeh Fazel, Wendy James, Daniel Lockhart (Campus Coordinator), Farook Malik, Richard Mapstone (Campus Coordinator), Ian Michael, Batoul Modarress, Catherine Nickerson, John Zimmerman (Director, College of Business Graduate Programs)

Assistant Professors: Tariq Bhatti, Carol Briam, Thomas Clausen, Belinda Crawford, Arthur Damien, Shereef Ellaboudy, John Incardona, Perihan Iren, Curba Lampert, Scott Martin, Laura Matherly, Brent McCallum,

Marc Poulin, Winifred Scott, Claire Sherman, Timothy Strother, Samuel Tibbs, Issam Tlemsani, Estelle Toomey, Constance Van Horne

Instructors: Francois Bester, Catherine Budd, Marc Cohen, Emily David, Murat Erogul, Zengyu Huang, Taiba Hussain, Kathy Lockhart, Marsha Ludwig, Graso Maja, Kate O'Neill, Tim Rogmans

Introduction

Today's business world is one of excitement. It offers students a challenging professional future. New developments in technology and innovation in management techniques are constantly creating new opportunities.

Mission

The mission of the College of Business Sciences 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 Sciences 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 ZU Learning Outcomes is assessed through the normal assessment process in each course by instructors. Advisors monitor the development process of ePortfolios 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 is assessed as part of culminating courses and through periodic assessments by instructors and advisors during the undergraduate program.

Major Learning Outcomes

Faculty have identified five Major Learning Outcomes (MALOs) for all students in the College of Business Sciences. All graduates will have demonstrated 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.

Those five MALOs, though focused within the business environment, reflect the ZULOs. Thus, as a college learning outcome is assessed, the comparable University learning outcome is also being assessed.

Assessment Protocols

Each of the five college learning outcomes is embedded in one or more of the courses offered in the College of Business Sciences 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.

Relationship of Major Learning Outcomes with ZU Learning Outcomes

The Zayed University Academic Program Model was developed to support student achievement of the University's goals and to enhance the ability of faculty to give students guidance in the learning process. This focus on outcomes facilitates coordination of students' learning experiences and promotes alignment of university priorities with learning goals. The Academic Program Model is based on sets of outcomes both within and outside the major that will support students' lifelong learning and continued success as business professionals.

The Major Learning Outcomes of the College of Business Sciences complement the Zayed University Learning Outcomes by:

- providing a business context for the application of the ZULOs;
- setting an additional standard related to professional expectations of ZU students; and
- combining interrelated MALOs and ZULOs to produce more in-depth learning.

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 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 250, COL 260, and COL 270.

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

Business Sciences Curriculum

One goal of the College of Business Sciences is to obtain accreditation for its academic program from The Association to Advance Collegiate Schools of Business (AACSB). To meet these international standards of excellence, the college's 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 written and oral communication as an important characteristic.

Students spend much of their first two years completing general education courses. They also complete several Business Sciences courses, as pre-majors, that introduce them to the basic concepts and skills they will use in their advanced level courses.

Upon admission to the College of Business Sciences, all students complete the following college 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	Understanding 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

Specializations

Students will complete four or five courses at the 300- and 400-level in one of the following areas of specialization:

- Accounting
- Finance
- Human Resource Management
- Marketing

Accounting

Students who choose Accounting will take the following specialization courses:

- Intermediate Accounting I
- Intermediate Accounting II
- Accounting Information Systems
- Auditing

Accounting graduates will be well suited to hold positions in professional accounting and auditing organizations and in accounting departments of public and private sector organizations.

Finance

Students who choose Finance will take four specialization courses:

- Corporate Finance
- Financial Markets
- Investments

- Commercial Banking

Finance graduates will be well suited to hold positions in the financial services sector and in finance departments of public and private sector organizations.

Human Resource Management

Students who choose Human Resource Management will take the following specialization courses:

- Management of People in Organizations
- Compensation and Performance
- HR Development and Performance
- Comparative HR Management

Graduates will be well suited for positions in the human resource, personnel, talent management, and training departments of public and private sector organizations.

Marketing

Students who choose Marketing will take the following specialization courses:

- E-Marketing and Commerce
- Promotions Management
- International Marketing
- Consumer Behavior

Marketing graduates will be well suited for positions in the marketing and promotion departments of business, ministries, and government departments, and non-government agencies and associations such as chambers of commerce. They also may choose positions with advertising and public relations firms.

Joint Curriculum with College of Information Technology

The Colleges of Business Sciences and Information Technology 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 Sciences 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.

Senior Experience

All College of Business Sciences students will participate in culminating experience by taking BUS 4XX Senior Experience. This course will integrate concepts learned in prior courses and provide a teamwork experience, including "boardroom" presentations, while completing a major business project or participating in a complex business simulation. Students will be assessed by a faculty evaluation of classroom presentations and written assignments.

Graduation Requirements

The graduation requirements for the College of Business Sciences include the completion of the eight-semester curriculum plan with a minimum GPA of 2.00, including the internship (BUS 490) and the Senior Experience (BUS 4XX), as well as achievement of the Major Learning Outcomes.

To receive the B.S. degree in Business Sciences, graduates complete at least 128 semester credit hours. Proficiency in English, Arabic and the competencies developed in the Zayed University Learning Outcomes are required.

Graduate Programs

For information on graduate programs offered by the College of Business Sciences, see pages 126-129

Outreach and Engagement

The College of Business Sciences participates in an extensive array of outreach and engagement activities. Some of these are coordinated by the University's Institute for Community Engagement (see page 156).

Zayed University
College of Business Sciences
Bachelor of Science in Business Sciences
Specialization in Accounting
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	COL 270	Introduction to Information Technology	3
	COL 240	English Composition III	3	BUS 203	Managerial Accounting	4
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	BUS 207	Business Communications	3
	BUS 200	The Legal and Ethical Environment of Business	3	BUS 207AL	Arabic Lab I	1
	BUS 202	Financial Accounting	4	BUS 209	Management Decision Sciences	3
				ECN 201	Foundations of Microeconomics	2
		Total	16		Total	16
Year 3	COL 260	Environmental Science	3	BUS 300	Operations Management	3
	BUS 217	Business Writing Lab	1	BUS 311	Intermediate Accounting I	3
	BUS 308	Introduction to Finance	3	BUS 407	Language in the Workplace	3
	BUS 309	Introduction to Management	3	BUS 407 AL	Arabic Lab II	1
	BUS 310	Introduction to Marketing	3	BUS 413	Accounting Information Systems	3
	ECN 202	Understanding Macroeconomics	2	Elective	BUS Elective	3
		Total	15		Total	16
Year 4	BUS 312	Intermediate Accounting II	3	BUS 402	Strategic Management	4
	BUS 401	Business Leadership	3	BUS 497	Special Topics	3
	BUS 416	Auditing	3	BUS 490	Internship	7
	BUS 417	Essentials for Research Writing for Business	2			
	Elective	BUS Elective	3			
	Elective	Non – BUS Elective	3			
		Total	17		Total	14

Total = 127 Credit Hours

Zayed University
College of Business Sciences
Bachelor of Science in Business Sciences
Specialization in Finance
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	COL 270	Introduction to Information Technology	3
	COL 240	English Composition III	3	BUS 203	Managerial Accounting	4
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	BUS 207	Business Communications	3
	BUS 200	The Legal and Ethical Environment of Business	3	BUS 207AL	Arabic Lab I	1
	BUS 202	Financial Accounting	4	BUS 209	Management Decision Sciences	3
				ECN 201	Foundations of Microeconomics	2
		Total		16	Total	
Year 3	COL 260	Environmental Science	3	BUS 300	Operations Management	3
	BUS 217	Business Writing Lab	1	BUS 407	Language in the Workplace	3
	BUS 308	Introduction to Finance	3	BUS 407 AL	Arabic Lab II	1
	BUS 309	Introduction to Management	3	BUS 420	Corporate Finance	3
	BUS 310	Introduction to Marketing	3	BUS 422	Financial Markets	3
	ECN 202	Understanding Macroeconomics	2	Elective	BUS Elective	3
	Total		15	Total		16
Year 4	BUS 401	Business Leadership	3	BUS 402	Strategic Management	4
	BUS 417	Essentials of Research Writing for Business	2	BUS 497	Special Topics	3
	BUS 424	Investments	3	BUS 490	Internship	7
	BUS 425	Commercial Banking	3			
	Elective	BUS Elective	3			
	Elective	Non - BUS Elective	3			
	Total		17	Total		14

Total = 127 Credit Hours

Zayed University
College of Business Sciences
Bachelor of Science in Business Sciences
Specialization in Human Resource Management
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	COL 270	Introduction to Information Technology	3
	COL 240	English Composition III	3	BUS 203	Managerial Accounting	4
				BUS 207	Business Communications	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	BUS 207AL	Arabic Lab I	1
	BUS 200	The Legal and Ethical Environment of Business	3	BUS 309	Introduction to Management	3
	BUS 202	Financial Accounting	4	ECN 201	Foundations of Microeconomics	2
		Total	16		Total	16
Year 3	BUS 209	Management Decision Sciences	3	COL 260	Environmental Science	3
	BUS 217	Business Writing Lab	1	BUS 300	Operations Management	3
	BUS 301	Management of People in Organizations	3	BUS 407	Language in the Workplace	3
	BUS 308	Introduction to Finance	3	BUS 407AL	Arabic Lab II	1
	BUS 310	Introduction to Marketing	3	BUS 450	Compensation and Performance	3
	ECN 202	Understanding Macroeconomics	2	BUS 452	HR Development and Performance	3
		Total	15		Total	16
Year 4	BUS 401	Business Leadership	3	BUS 402	Strategic Management	4
	BUS 417	Essentials of Research Writing for Business	2	BUS 497	Special Topics	4
	BUS 455	Comparative HR Management	3	BUS 490	Internship	7
	BUS 456	Management of Employee Relations	3			
	Elective	BUS Elective	3			
	Elective	Non - BUS Elective	3			
		Total	17		Total	14

Total = 127 Credit Hours

Zayed University
College of Business Sciences
Bachelor of Science in Business Sciences
Specialization in Marketing
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	COL 270	Introduction to Information Technology	3
				BUS 203	Managerial Accounting	4
	COL 240	English Composition III	3	BUS 207	Business Communications	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	BUS 207AL	Arabic Lab I	1
	BUS 200	The Legal and Ethical Environment of Business	3	BUS 209	Management Decision Sciences	3
	BUS 202	Financial Accounting	4	ECN 201	Foundations of Microeconomics	2
		Total	16		Total	16
Year 3	COL 260	Environmental Science	3	BUS 300	Operations Management	3
	BUS 217	Business Writing Lab	1	BUS 407	Language in the Workplace	3
	BUS 308	Introduction to Finance	3	BUS 407AL	Arabic Lab II	1
	BUS 309	Introduction to Management	3	BUS 434	International Marketing	3
	BUS 310	Introduction to Marketing	3	BUS 435	Consumer Behavior	3
	ECN 202	Understanding Macroeconomics	2	Elective	BUS Elective	3
		Total	15		Total	16
Year 4	BUS 401	Business Leadership	3	BUS 402	Strategic Management	4
	BUS 417	Essentials of Research Writing for Business	2	BUS 497	Special Topics	4
	BUS 432	Promotion Management	3	BUS 490	Internship	7
	BUS 433	E-Marketing and Commerce	3			
	Elective	BUS Elective	3			
	Elective	Non- BUS Elective	3			
		Total	17		Total	14

Total = 127 Credit Hours

Zayed University
College of Business Sciences
Bachelor of Science in Information Systems and Technology
Management
(Joint with College of Information Technology)
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	COL 270	Introduction to Information Technology	3
	COL 240	English Composition III	3	BUS 209	Management Decision Sciences	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	CIT 225	Introduction to Programming and Problem Solving	3
	BUS 202	Financial Accounting	4	CIT 300	Technical Writing	3
	CIT 210	Introduction to IT and Systems	3	CIT 301	Technical Writing (Arabic)	2
				ECN 202	Understanding Macroeconomics	2
		Total		16	Total	
Year 3	COL 260	Environmental Science	3	BUS 308	Introduction to Finance	3
	BUS 309	Introduction to Management	3	BUS 407	Language in the Workplace	3
	BUS 310	Introduction to Marketing	3	BUS 407AL	Arabic Lab II	1
	CIT 245	Web Development	3	BUS 413	Accounting Information Systems	3
	CIT 255	Networks and Telecommunications	3	CIT 235	Information Security Basics	3
	CIT 360	Management of Information Systems	3	CIT 365	Database Systems	3
		Total		18	Total	
Year 4	CIT XXX	CIT Elective	3	BUS 402	Strategic Management	4
	CIT XXX	CIT Elective	3	CIT 380	IT Entrepreneurship I	3
	BUS 401	Business Leadership	3	CIT/BUS 490	Internship	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 = 131 Credit Hours

College of Communication and Media Sciences

Degrees

Bachelor of Science (B.S.)

Major

Communication and Media Sciences

Specializations

Converged Media
Integrated Strategic Communications
Tourism and Cultural Communications
Visual Communications

Major

Multimedia Design (joint with College of Information Technology and College of Arts and Sciences)

Bachelor of Arts (B.A.)

Major

Emirati Studies (joint with College of Arts and Sciences)

Master of Arts (M.A.) in Communications

Specializations

Tourism and Cultural Communication
Strategic Public Relations

Minor

Communication and Media Sciences

Certificate

Graduate Certificate in Tourism and Cultural Communication

Graduate Certificate in Public Relations

Faculty Listings

Dean: Marilyn Roberts

Associate Dean: Maureen Everett

Professors: Badran Badran, Jack Hillwig (Assistant Dean)

Associate Professors: Ode Amaize, David Bulla, Gaelle Duthler, Charles Everett, Lena Jayyusi, Adel Jendli, Theomary Karamanis, James Piecowye, Nadia Rahman, Sheena Westwood (Director, College of Communication and Media Sciences Graduate Programs)

Assistant Professors: Matt Duffy, Matthew Dyck, Jody Johannessen, William McCarthy, Janis Page, Catherine Strong, Birgit Trauer, Kevin Visconti, Alia Yunis

Instructors: Deepa Kumar

Introduction

The College of Communication and Media Sciences

(CCMS) aims to educate the U.A.E.'s strongest bilingual graduates in the professional fields 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 of Communication and Media Sciences offers students opportunities to perfect their communication skills and to discover how they might use those skills to play important leadership roles in their country, in a professional career, and in their families. Students master the crafts of written, oral, and visual communication through the courses they complete, co-curricular activities on campus, and internships and practicum experiences both on campus and in the workplace.

The college is one of 58 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. The college is currently preparing for additional accreditation to further underscore the education of tomorrow's media leaders.

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

The College of Communication and Media Sciences offers students opportunities to perfect their communication skills and to discover how they will use those skills to play important leadership roles in their country, in a professional career, and in their families. Students master the crafts of written, oral, and visual communication through the courses they complete, co-curricular activities on campus, and internships and practicum experiences both on campus and in the workplace.

The mission of the College of Communication and Media Sciences is to:

- provide baccalaureate students with the communication theories, concepts, and skills they will need to be successful in professional communication or media fields;

- provide post-baccalaureate, professional development, and continuing education opportunities for communication and media practitioners that enable them to stay at the cutting edge of their fields;
- assist in the development and growth of communication and media industries in the region;
- encourage and support communication and media research with special emphasis on the U.A.E. and Gulf Region, and achieve international recognition as a leading communication and media college.

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 all of the college's courses is in English. However, students are required to take some Arabic Media Writing instruction and are encouraged to take additional professional Arabic courses as part of their electives.

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 computers and leading-edge technologies to communicate creatively and effectively. Each student uses a laptop to access, create, and submit class assignments, to read e-books, to search the World Wide Web, and to communicate with instructors and fellow students. The specialized visual communication and multimedia technology in the College's computer laboratories is 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: Information Technology
- **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 function in a global environment, and sensitive to diversity in the communities they serve.
Related ZULO: Global Awareness
- **Critical Thinking and Reasoning:** 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: 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 plans 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.

Relationship of Major Learning Outcomes with ZU 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 ZU 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
Information Technology	Technological Competence
Leadership	Leadership and Professionalism
Information Literacy	Information Literacy
Global Awareness	Global Awareness
Critical Thinking and Quantitative Reasoning	Critical Thinking and Reasoning

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 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 250, 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, New Media, and Public Speaking and Persuasion, as well as advanced courses in Communication and Media Research and Analysis, Media Law, Media Ethics, 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
- Integrated Strategic Communications
- Tourism and Cultural Communications
- Visual 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 19 credit hours, provided by five required

courses and two 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
4. COM 481 Advanced Converged Media
5. COM 312 Zayed Media Lab II
6. A specialization elective to be selected from the following: COM 485 Special Topics in Converged Media, COM 320 Photojournalism, COM 382 Multimedia Production, COM 383 Virtual Communities and Social Media, and COM 384 Media Technologies from Gutenberg to the Internet and Beyond.
7. A free COM elective

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.

Integrated Strategic Communications

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 19 credit hours provided by six required courses and one elective. 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 356 Media Planning and Management, COM 358 Entrepreneurship in the Media, COM 337 Interpersonal and Intercultural Communication, COM 452 Special Topics in Integrated Strategic Communications, COM 383 Virtual Communities and Social Media, COM 382 Multimedia Production, COM 321 Video and Audio Production, COM 380 Web Design and Publishing, and COM 373 Planning and Promotion for Events and Festivals
7. COM 356 or COM 357 Media Planning and Management of Creative Advertising

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 U.A.E. 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 19 credit hours provided by six required courses and an elective. 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 373 Planning and Promotion for Events and Festivals
4. COM 337 Interpersonal and Intercultural Communication
5. COM 312 Zayed Media Lab II
6. A specialization elective to be selected from the following: COM 474 Special Topics in Tourism and Cultural Communications, COM 320 Photojournalism, COM 321 Video and Audio Production, COM 351 Principles of Public Relations, COM 352 Principles of Advertising, COM 356 Media Planning and Management, COM 380 Web Design and Publishing, COM 382 Multimedia Production, and COM 383 Virtual Communities and Social Media.
7. COM 356 or COM 357 Media Planning and Management of Creative Advertising

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.

Visual Communications

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

The specialization in Visual Communications (VC) provides students with a strong grounding in writing, theory, critical skills, production skills, and business models. The Visual Communications core includes 19 hours of selected courses as follows:

1. COM 315 Media Storytelling II
2. COM 320 Photojournalism
3. COM 321 Video and Audio Production
4. COM 421 Writing, Producing, and Directing Film and Video
5. COM 312 Zayed Media Lab II
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 422 Special Topics in Visual Communications
7. COM 457 Senior Project in Visual Communication

Visual 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 Visual 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.

Practicum

It is important for students to apply classroom instruction to the real work of creating media products, developing strategic communications 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. This may include working as staff for the college's media outlets; or working on special projects in collaboration with faculty—creating, for example, a digital film documentary on Gulf history, a website for a local women's organization, a promotional plan for a government initiative, or a series of public service announcements for a TV or radio station.

Interdisciplinary Degrees

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

Emirati Studies (joint with College of Arts and Sciences)

This interdisciplinary program draws theoretical perspectives and applied knowledge from two departments in the College of Arts and Sciences (Humanities and Social Sciences; Art and Design) 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 U.A.E. 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 U.A.E. 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 Information Technology and College of Arts and 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.

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

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	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	COM 210	Media Storytelling 1	4	
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	COM 240	Communication and Media Ethics	2	
	COL 260	Environmental Science	3	COM 280	New Media	3	
	COL 270	Introduction to Information Technology	3	ARA 240	Media Storytelling in Arabic I	3	
	COM 200	Communication, Media, and Society	3	ARA 375	Public Speaking and Professional Presentation in Arabic	3	
			Total	18		Total	18
Year 3	COM 231	Media and Cultural Criticism	3	COM 311	Zayed Media Lab I	1	
	COM 261	Communication and Media History	1	COM 321	Video and Audio Production	3	
	COM 315	Media Storytelling II	3	COM 360	Communication and Media Research and Analysis	3	
	COM 380	Web Design and Publishing	3	ARA 340	Media Storytelling in Arabic II	3	
	Elective	Non- COM Elective	3	Elective	Non- COM Elective	3	
	Elective	Non- COM Elective	3	Elective	Non- COM Elective	3	
				Elective	Non- COM Elective		
			Total	16		Total	16
Year 4	COM 312	Zayed Media Lab II	1	COM 441	Communication and Media Law	1	
	COM 481	Advanced Converged Media	3	COM XXX	CV Specialization Elective	3	
	COM XXX	CV Specialization Elective	3	Elective	Non- COM Elective	3	
	ARA 395	Media Translation Workshop	3	Elective	Non- COM Elective	3	
	Elective	Non-COM Elective	3	COM 490	Internship	3	
	Elective	Non-COM Elective	3				
			Total	16		Total	13

Total = 130 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	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	COM 210	Media Storytelling 1	4		
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3		
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	COM 240	Communication and Media Ethics	2		
	COL 260	Environmental Science	3	COM 280	New Media	3		
	COL 270	Introduction to Information Technology	3	ARA 240	Media Storytelling in Arabic 1	3		
	COM 200	Communication, Media, and Society	3	ARA 375	Public Speaking and Professional Presentation in Arabic	3		
			Total	18			Total	18
Year 3	COM 231	Media and Cultural Criticism	3	COM 311	Zayed Media Lab I	1		
	COM 261	Communication and Media History	1	COM 353	Writing for Integrated Strategic Communications			
	COM 351	Principles of Public Relations	3	COM 360	Communication and Media Research and Analysis	3		
	COM 352	Principles of Advertising	3	Elective	Non- COM Elective	3		
	BUS 310	Introduction to Marketing	3	Elective	Non- COM Elective	3		
	Elective	Non- COM Elective	3	Elective	Non- COM Elective	3		
			Total	16			Total	16
Year 4	COM 312	Zayed Media Lab II	1	COM XXX	ISC Specialization Elective	3		
	COM 356 OR COM 357	Media Planning and Management Creative Advertising	3	ARA 395	Media Translation Workshop	3		
	COM 441	Communication and Media Law	1	Elective	Non- COM Elective	3		
	COM 451	Integrated Strategic Communications	3	COM 490	Internship	3		
	ARA 340	Media Story Telling in Arabic II	3					
	Elective	Non-COM Elective	3					
	Elective	Non- COM Elective	3					
			Total	17			Total	12

Total = 130 Credit 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	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	COM 210	Media Storytelling 1	4		
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3		
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	COM 240	Communication and Media Ethics	2		
	COL 260	Environmental Science	3	COM 280	New Media	3		
	COL270	Introduction to Information Technology	3	ARA 240	Media Storytelling in Arabic 1	3		
	COM 200	Communication, Media, and Society	3	ARA 375	Public Speaking in Arabic	3		
			Total	18			Total	18
Year 3	COM 231	Media and Cultural Criticism	3	COM 311	Zayed Media Lab I	1		
	COM 261	Communication and Media History	1	COM 356 OR COM 357	Media Planning and Management Creative Advertising	3		
	COM 337	Interpersonal and Intercultural Communication	3	COM 360	Communication and Media Research and Analysis	3		
	COM 371	Tourism Principles	3	COM 372	Communicating Tourism: Destinations and Heritage	3		
	BUS 310	Introduction to Marketing	3	Elective	Non-CCMS Elective	3		
	Elective	Non-CCMS Elective	3	Elective	Non-CCMS Elective	3		
			Total	16			Total	16
Year 4	COM 312	Zayed Media Lab II	1	COM XXX	Choose from: 315, 320, 321, 351, 352, 356, 380, 382, 383, 474	3		
	COM 441	Communication and Media Law	1	ARA 340	Media Story Telling in Arabic II	3		
	COM 475	Planning and Promotion for Events and Festivals	3	Elective	Non-CCMS Elective	3		
	ARA 395	Media Translation Workshop	3	COM 490	Internship	3		
	Elective	Non-CCMS Elective	3					
	Elective	Non-CCMS Elective	3					
	Elective	Non-CCMS Elective	3					
		Total	17			Total	12	

Total = 130 Credit Hours

Zayed University
College of Communication and Media Sciences
Bachelor of Science in Communication and Media Sciences
Specialization in Visual Communications
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	COM 210	Media Storytelling 1	4	
	COL 240	English Composition III	3	COM 230	Public Speaking and Persuasion	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	COM 240	Communication and Media Ethics	2	
	COL 260	Environmental Science	3	COM 280	New Media	3	
	COL 270	Introduction to Information Technology	3	ARA 240	Media Storytelling in Arabic 1	3	
	COM 200	Communication, Media, and Society	3	ARA 375	Public Speaking and Professional Presentation in Arabic	3	
			Total	18			Total
Year 3	COM 231	Media and Cultural Criticism	3	COM 311	Zayed Media Lab I	1	
	COM 261	Communication and Media History	1	COM 321	Video and Audio Production	3	
	COM 315	Media Storytelling II	3	COM 360	Communication and Media Research and Analysis	3	
	COM 320	Photojournalism	3	ARA 340	Media Story Telling in Arabic II	3	
	Elective	Non-COM Elective	3	Elective	Non- COM Elective	3	
	Elective	Non- COM Elective	3	Elective	Non- COM Elective	3	
			Total	16			Total
Year 4	COM 312	Zayed Media Lab II	1	COM 457	Senior Project in Visual Communications	3	
	COM 421	Writing, Producing, and Directing Film and Video	3	COM XX	VC Specialization Elective	3	
	COM 441	Communication and Media Law	1	Elective	Non- COM Elective	3	
	ARA 395	Media Translation Workshop	3	COM 490	Internship	3	
	Elective	Non- COM Elective	3				
	Elective	Non- COM Elective	3				
	Elective	Non- COM Elective	3				
		Total	17			Total	12

Total = 130 Credit Hours

Zayed University
College of Communication and Media Sciences
Bachelor of Arts in Emirati Studies
(Joint with College of Arts and Sciences)
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 250	Global Awareness III: The Twentieth Century and Globalization	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 History of Islamic Art and Architecture	3 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 337	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		16
Year 4	ART 327	Representation: Exhibition, Display, and Interpretation II	3	ART 420	Communities, Curatorial Practices, and Collections	3
	COM 474	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 Communication and Media Sciences
Bachelor of Science in Multimedia Design
(Joint with College of Arts and
Sciences and College of Information Technology)
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	COL 260	Environmental Science	3		
	COL 240	English Composition III	3	ART 251	Basic Design	3		
	COL 250	Global Awareness III: The Twentieth Century and Globalization	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	New Media	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	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	1		
			Total	18			Total	15
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	6		
					Internship for CIT Students	6		
					Internship for CCMS Students	3		
		Elective	300- or 400- level elective other than ART, CIT, or COM	3				
		Total	15			Total	12/15	

Total = 130/133 Credit Hours

College of Education

Degrees

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

Major

Education

Specializations

Early Childhood/Kindergarten/Primary
Education
Upper Primary/Preparatory Education with
Teaching Fields in English Education and in
Mathematics
School Social Work
Children, Youth, and Family Services

Bachelor of Science (B.S.)

Major

Technology and Education (joint with College
of Information Technology)

Master of Education (M.Ed.)

Specializations

Educational Leadership
School Administration
Special Education

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

Minor

Education

Certificates

Graduate Certificate in Advanced Professional
Study in School Leadership for Principals
Graduate Certificate in Advanced Professional Study
in Teaching and Learning (Primary)

Faculty Listings

Dean: Robin Dada (Interim)

Associate Dean: Kenneth Carr

Professors: Guillermina Engelbrecht, Barbara
Harold (Director, College of Education Graduate
Programs)

Associate Professors: Stephen Anderson,
Toni Briegel, Gloysis Mayers, Kennon Rider,
Patience Sowa, Lauren Stephenson

Assistant Professors: Fida Attalah, Lydia Barza,
Sharon Bryant, Linda Colburn, Hassan El Annani,
Jase Inaty, Stever Lydiatt, Sadiq Midraj, Peter Parker

Instructors: Lolowa Al Marzouqi, Marilyn Davis

Introduction

Educators help to build a nation and provide the pathway for the future. They serve their country in important and lasting ways. Having good teachers is the most important factor in how much children learn, and the development of the education system continues to be a major focus in the U.A.E.

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

- demonstrated respect for individuals and groups; an unwavering belief in integrity and ethical behavior;
- a steadfast conviction of the value of community, leadership, collaboration, and service; and
- the pursuit of excellence through research, critical thinking, and thoughtful reasoning.

Mission

The College of Education:

- prepares highly competent, committed, and innovative professionals to lead and serve citizens of the UAE and to play a leadership role in education and social services through its commitment to scholarly endeavors.
- prepares reflective, culturally sensitive professionals who can support the building of strong active communities and can be responsive to the needs of an ever-changing progressive society.
- develops collaborative and supportive relationships with Ministries and local schools, and with 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 U.A.E. This research will advance scholarship and support knowledge transfer.

Academic Program

The College of Education undergraduate program provides prospective teachers and community professionals with excellent preparation to enter the profession. Its programs are based on the belief that effective schools are essential to the sustainable

development of the nation. Accomplished teachers know their subject matter well, and they understand how children learn and develop. They have high expectations for their students' learning. They know a variety of teaching methods and can use them to help students learn. Accomplished teachers are caring and creative and know how to establish a positive learning atmosphere for their students. Zayed University draws upon these understandings in its teacher preparation program.

Students in the Children, Youth, and Family Services specialization become family life educators who study issues such as economics, education, work-family issues, parenting, and family. Students in this specialization learn about communication skills and gain knowledge of human development, good decision-making skills, and healthy interpersonal relationships. Graduates from this specialization are prepared for work in the community with youth and families.

The employment outlook in the U.A.E. is excellent. In this context, preparation at Zayed University, with emphasis on fluency in English and Arabic, technology skills, and preparation for leadership, serves students, schools, educational, and social institutions.

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. The Conceptual Framework serves as the driving force and the thread across programs and courses, as well as the faculty's teaching, 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. All programs in the college are aligned with international standards through the Conceptual Framework.

The majors in Education and in Technology and Education at Zayed University have four unifying domains of knowledge that form the Conceptual Framework, domains that translate into Major Learning Outcomes (MALOs). No single course addresses all knowledge domains in depth. However, each domain will be covered in depth when all courses are completed.

Major Learning Outcomes and Assessment

Candidates must demonstrate competent performance in the college's Major Learning Outcomes:

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

Zayed University Learning Outcomes

College coursework and out-of-class 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
Information Technology	Understand and use the professional knowledge base
Information Literacy	Understand and use the professional knowledge base
Global Awareness	Promote global awareness

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 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 250, COL260, and COL 270.

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

Candidates preparing to teach English must have a “B” or higher in COL 140, COL 145, and COL 240 or other approved English courses, or a test waiver. Candidates preparing to teach mathematics must have a “C” or higher in COL 110 and COL 111.

College of Education Curriculum

Candidates who major in Education may study to become teachers or school social workers or study to work in education, educational technology, or social service agencies and related service organizations.

Candidates’ academic programs include the Colloquy in Integrated Learning, the study of a content or discipline area, coursework, and practical experiences in educational settings. Throughout their program, Education candidates continue to develop their skills in English, Arabic, and technology. Candidates complete other classes appropriate to the grade and subject levels they are preparing to teach. A faculty advisor in the college works with candidates to assist with course selection and scheduling decisions.

Specialization in Teaching

Education majors specialize in kindergarten through grade 3 or in grades 4-9.

Early Childhood/Kindergarten/Primary (to Grade 3)

Candidates who wish to become nursery school, kindergarten, or primary teachers major in Education and follow the eight-semester plan in this catalog.

Upper Primary/Preparatory (Grades 4-9)

Candidates who wish to become upper primary/preparatory teachers of English or mathematics (grades 4-9) major in Education; follow the eight-semester plan in this catalog; and take selected coursework in the College of Arts and Sciences. Candidates must enter these programs in their second year and must recognize that their graduation date is subject to course availability.

Specialization in School Social Work

Candidates majoring in Education may study to become school social workers by following the eight-semester plan in this catalog. This specialization is offered in collaboration with the College of Arts and Sciences.

Specialization in Children, Youth, and Family Services

Candidates majoring in Education may study to become a specialist in the education and social services sectors, both private and public, by following the eight-semester plan in this catalog. This specialization is offered in collaboration with the College of Arts and Sciences.

Joint Degree Program with College of Information Technology

The College of Education and College of Information Technology jointly offer the B.S. with a major in Technology and Education. Following the eight-semester plan, courses

emphasize the knowledge and skills needed to manage an IT laboratory, provide instruction in basic technology skills, and serve as a resource for the use of educational technology.

Candidates are prepared to be teachers of educational technology for positions such as trainers in technology, computer lab supervisors, consultants, and developers of educational technologies. The U.A.E. has a strong need for professionals in these fields in both the government and private sectors.

Field Experiences (Practica)

Candidates majoring in teaching specializations of Education, School Social Work, or Technology and Education complete a core portion of their work in schools, observing and working with students and teachers and practicing their teaching skills. Candidates majoring in Children, Youth, and Family Services complete a core portion of their work in a government agency or non-governmental organizations and complete service learning experiences. To complete these studies, candidates must obtain the necessary permission from their guardian to work in schools. In their fourth year, they will need to provide transportation to school assignments.

Assessment Protocols

Candidates are formally assessed for satisfactory performance in the program at stipulated intervals. Candidate achievement in the ZULOs is assessed through the normal assessment process in each course. At these points, each candidate is reviewed regarding the progress in knowledge, skills, and candidate's 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. Candidates must meet all college admission requirements;
- Completion of education studies sequence and the accompanying practicum;
- Admission to internship. Students must submit a formal application that is reviewed by faculty who consider language proficiency, grade point average, and practicum ratings;
- 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
- Satisfactory completion of the ePortfolio.

The ePortfolio provides evidence of the degree of completion 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.

Each candidate works as an intern or student teacher during the last semester of the program. This experience is supervised by ZU 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 c advisors. 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 a handbook dealing with internships and student teaching.

Successful completion of the internship and student teaching is determined by the College of Education. Supervising faculty members and mentors review students' knowledge of their discipline areas or field, as well as their abilities to plan, implement, and assess instruction or to work in a professional setting. In addition, candidates are expected to demonstrate the dispositions of professional educators.

Graduation Requirements

Completion of the major in Education requires the development of an electronic portfolio of the candidate's work, which is updated in each education course. These demonstrate successful mastery of the MALOs and ZULOs.

All candidates must meet the University's graduation requirements, which include completion of all core curriculum requirements and the requirements of the degree plan.

Candidates must maintain at least a 2.0 cumulative GPA. Completion of the eight-semester curriculum plans requires 128 to 131 semester credit hours. Graduates from the College of Education are well suited for positions in government and private schools or in industry, government service, and community service. Additionally, candidates may wish to pursue graduate work in Education or related fields.

Minor in Education

Completion of this program will enable students from other colleges who are interested in education but do not want 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 process and system of education. A variety of fields have programs that need individuals with education skills.

A minor in education enhances program offerings at ZU. It will enable students to learn about education without the study and practice of teaching. The minor gives a background students can 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. 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 U.A.E. society.

The program enables students to become informed consumers of education and to expand their career opportunities. Students will develop knowledge about issues of human development and learning, systems of education, influences on families that affect children in school, and issues and opportunities related to children with special needs

Students will take between 18 and 21 credit hours of courses in education, upon the advice of their advisor. 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 221 International Systems of Education
- EDC 307 Middle Childhood and Adolescence
- EDC 324 People with Special Needs

Students will complete the balance of the minor by choosing from these course options:

- EDC 316 Parents as Educators
- EDC 350 Education Studies I: The Learner (with Practicum I) (4 hours)
- EDC 386 Literature for Children and Adolescents
- EDC 407 Adult Education
- EDC 432 Professional and Ethical Issues
- EDC 466 Behavior and Social Development in the Family

- Course outside education related to learning

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 Macintosh Computer 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.

Graduate Programs

For more information on graduate programs offered by the College of Education, see pages 135-144.

Outreach and Engagement

The College of Education participates in outreach and engagement activities coordinated by the Institute for Community Engagement (see page 156), and by the college itself.

Research Opportunities

Research in education and service organizations is essential for continuing economic and social progress in the U.A.E. 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. ZU students may conduct action research in their courses or may participate in ongoing projects as research assistants. In addition, there are sometimes opportunities for ZU graduates to assist with research projects.

Zayed University
College of Education
Bachelor of Science in Education
Specialization in Early Childhood/Kindergarten/Primary
(Pre K-Grade 3)
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	EDC 207	Infancy and Early Childhood	3	
	COL 240	English Composition III	3	EDC 314	Early Childhood Program Models	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	EDC 316	Parents as Educators	3	
	COL 260	Environmental Science	3	EDC 324	People with Special Needs	3	
	COL 270	Introduction to Information Technology	3	Elective	Non-EDC Elective	3	
	EDC 202	Human Development	3				
		Total	18			Total	15
Year 3	EDC 315	Observation and Assessment	2	EDC 323	Integrated Curriculum for Early Childhood	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 350	Education Studies I: The Learner	3	EDC 352	Early Childhood Mathematics and Science I	3	
	EDC 350A	Practicum I	1	EDC 352 AL	Arabic Lab: Early Childhood Mathematics and Science I	1	
	EDC 386	Literature for Children and Adolescents	3	EDC 354	Communicative Competence in English	3	
	ARA 335	Teaching Arabic Literacy	3	EDC 368	Communicative Competence in Arabic	2	
		Total	17			Total	17
Year 4	EDC 450	Education Studies III: Curriculum Design	3	EDC 490	Student Teaching	12	
	EDC 450A	Practicum III	2				
	EDC 452	Early Childhood Mathematics and Science II	3				
	EDC 460	Learning Technologies in the Classroom	3				
	EDC 465	Teaching Students with Special Needs	3				
	EDC 473	Teaching Reading and Writing	4				
		Total	18			Total	12

Total = 130 Credit Hours

Zayed University
College of Education
Bachelor of Science in Education
Specialization in Upper Primary / Preparatory Education (Grades 4-9)
Teaching Field in English Language Learning
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
	Total		15	Total		18
Year 2	COL 230	Islamic Civilization II	3	EDC 324	People with Special Needs	3
	COL 240	English Composition III	3	HSS 331	Introduction to Linguistics	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	HSS 335	Implicit English Grammar	3
	COL 260	Environmental Science	3	HSS 372	Modern and Contemporary Literature	3
	COL 270	Introduction to Information Technology	3	Elective	Non-EDC and Non-HSS Elective	3
	EDC 202	Human Development	3			
	Total		18	Total		15
Year 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 341 AL	Arabic Lab: Learning English in Schools	1	EDC 354	Communicative Competence in English	3
	EDC 350	Education Studies I: The Learner	3	EDC 368	Communicative Competence in Arabic	2
	EDC 350A	Practicum I	1	HSS 375	The Novel	3
	EDC 353	Assessment in the Content Area	3	HSS 472	World Poetry	3
	EDC 386	Literature for Children and Adolescents	3			
	Total		16	Total		16
Year 4	EDC 450	Education Studies III: Curriculum Design	3	EDC 490	Student Teaching	12
	EDC 450A	Practicum III	2			
	EDC 460	Learning Technologies in the Classroom	3			
	EDC 465	Teaching Students with Special Needs	3			
	EDC 473	Teaching Reading and Writing	4			
	Elective	English or Education Elective Related to Language Learning	3			
	Total		18	Total		12

Total = 128 Credit Hours

Zayed University
College of Education
Bachelor of Science in Education
Specialization in Upper Primary/Preparatory Education
Teaching Field in Mathematics
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
		Total	15		Total	18
Year 2	COL 230	Islamic Civilization II	3	EDC 202	Human Development	3
	COL 240	English Composition III	3	EDC 324	People with Special Needs	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	MTH 121	Calculus I	3
	COL 260	Environmental Science	3	MTH 261	Elementary Geometry	3
	COL 270	Introduction to Information Technology	3	MTH 281	Probability and Statistics I	3
	MTH 103	Pre-Calculus	3	Elective	Non-EDC and Non-MTH Elective	3
			Total	18		Total
Year 3	EDC 321	Classroom Management	3	EDC 351	Education Studies II: Instructional Strategies	3
	EDC 350	Education Studies I: The Learner	3	EDC 351A	Practicum II	2
	EDC 350A	Practicum I	1	EDC 354	Communicative Competence in English	3
	EDC 393	Teaching Mathematics I	3	EDC 368	Communicative Competence in Arabic	2
	EDC 393 AL	Arabic Lab: Teaching Mathematics I	1	EDC 394	Teaching Mathematics II	3
	MTH 122	Calculus II	3	MTH 351	Discrete Mathematics	3
	MTH 486	History of Mathematics	3			
		Total	17		Total	16
Year 4	EDC 450	Education Studies III: Curriculum Design	3	EDC 490	Student Teaching	12
	EDC 450A	Practicum III	2			
	EDC 460	Learning Technologies in the Classroom	3			
	EDC 465	Teaching Students with Special Needs	3			
	MTH 331	Linear Algebra	3			
	MTH 482	Probability and Statistics II	3			
		Total	17		Total	12

Total = 131 Credit Hours

Zayed University
College of Education
Bachelor of Science in Education
Specialization in Children, Youth, and Family Services
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	EDC 207	Infancy and Early Childhood	3	
	COL 240	English Composition III	3	EDC 316	Parents as Educators	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	EDC 324	People with Special Needs	3	
	COL 260	Environmental Science	3	PSY 212	Psychology in Everyday Life	3	
	COL 270	Introduction to Information Technology	3	Elective	Non- EDC and Non -PSY Elective	3	
	EDC 202	Human Development	3				
		Total	18			Total	15
Year 3	EDC 315	Observation and Assessment	2	EDC 307	Middle Childhood and Adolescence	3	
	EDC 335	Administration of Education Programs	3	EDC 354	Communicative Competence in English	3	
	EDC 366	Introduction to Research and Measurement in Education	3	EDC 368	Communicative Competence in Arabic	2	
	ARA 240 Or COM 353	Media Story Telling in Arabic I Writing for Integrated Strategic Communications	3 3	EDC 431	Partnership with Families and Communities	3	
	HSS 423	Issues in National Development	3	ARA 340	Media StoryTelling in Arabic II	3	
	PSY 310	Introduction to Helping Skills	3	PSY 410	Individual and Family Assessment	3	
		Total	17			Total	17
Year 4	EDC 407	Adult Education	3	EDC 492	Internship	12	
	EDC 432	Professional and Ethical Issues	3				
	EDC 466	Behavior and Social Development in the Family	3				
	COM 337	Interpersonal and Intercultural Communication	3				
	PSY 413	Individual and Family Intervention Strategies	3				
		Total	15			Total	12

Total = 127 Credit Hours

Zayed University
College of Education
Bachelor of Science in Education
Specialization in School Social Work
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	EDC 316	Parents as Educators	3
	COL 240	English Composition III	3	EDC 324	People with Special Needs	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	ARA 335	Teaching Arabic Literacy	3
	COL 260	Environmental Science	3	PSY 212	Psychology in Everyday Life	3
	COL 270	Introduction to Information Technology	3	Elective	Non-EDC and Non-PSY Elective	3
	EDC 202	Human Development	3			
		Total	18		Total	15
Year 3	EDC 307	Middle Childhood and Adolescence	3	EDC 351	Education Studies II: Instructional Strategies	3
	EDC 315	Observation and Assessment	2	EDC 351A	Practicum II	2
	EDC 321	Classroom Management	3	EDC 354	Communicative Competence in English	3
	EDC 350	Education Studies I: The Learner	3	EDC 368	Communicative Competence in Arabic	2
	EDC 350A	Practicum I	1	HSC 350 or EDC 466	Health Promotion and Health Education Behavior and Social Development in the Family	3
	EDC 386	Literature for Children and Adolescents	3	PSY 410	Individual and Family Assessment	3
	PSY 310	Introduction to Helping Skills	3			
		Total	18		Total	16
Year 4	EDC 432	Professional and Ethical Issues	3	EDC 492	Internship	12
	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			
	PSY 413	Individual and Family Intervention Strategies	3			
		Total	17		Total	12

Total = 129 Credit Hours

Zayed University
College of Education
Bachelor of Science in Technology and Education
(Joint with College of Information Technology)
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	CIT 225	Introduction to Programming and Problem Solving	3	
	COL 240	English Composition III	3	CIT 235 or CIT 255	Information Security Basics Networks and Telecommunications	3 3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	CIT 245	Web Development	3	
	COL 260	Environmental Science	3	CIT 365	Database Systems	3	
	COL 270	Introduction to Information Technology	3	EDC 202	Human Development	3	
	CIT 210	Introduction to IT and Systems	3	EDC 324	People with Special Needs	3	
			Total	18			Total
Year 3	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 341AL	Arabic Lab: Learning English in Schools	1	EDC 354	Communicative Competence in English	3	
	EDC 350	Education Studies I: The Learner	3	EDC 368	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	16			Total	16
Year 4	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 = 130 Credit Hours

College of Information Technology

Degrees

Bachelor of Science (B.S.)

Major

Information Technology

Specializations

Security and Network Technologies

Enterprise Computing

Major

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

Major

Technology and Education (joint with
College of Education)

Major

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

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

Specialization

Cyber Security

Minor

Minor in Information Systems

Minor in Interactive Social Computing

Certificates

Graduate Certificate in High Technology Crime
Investigation

Graduate Certificate in Information Security

Graduate Certificate in E-Archive and
Information Management (joint with Library and
Learning Resources)

Faculty Listings

Dean: Leon Jololian

Associate Dean: Anthony Rhodes

Professor: Mario Guimaraes, Zakaria Maamar

Associate Professors: Emad Bataineh, Patrick
Doran, Abdallah Tubaishat

Assistant Professors: Manar Abu Talib, Omar Al-
Fandi, Ibrahim Baggili, Maurice Danaher, Anrieta
Dragonova, May El Barachi, Tony Jewels, Andrew
Marrington, Huwida Said, Bradley Young

Instructors: May Al Taie, Peter Cox

Introduction

Information technology is a dynamic discipline that addresses the 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 work of information technology professionals is essential for effective operations in today's knowledge-based society.

Mission

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

The 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:

- hiring and encouraging research-active faculty;
- 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 Information Technology is practical, competency-based, and designed to prepare students for entry-level positions as information technology professionals. The topics covered in CIT 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 by instructors. Advisors monitor the development process of ePortfolios, 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 as part of the capstone course and through periodic assessments by instructors and advisors during the undergraduate program.

Major Learning Outcomes and Assessment Protocols

The College of Information Technology 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 IT are as follows:

- **Critical Thinking and Quantitative Reasoning in IT:** IT College 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:** IT College graduates will be able to select existing and cutting-edge IT tools and procedures to develop modules and systems.
- **Information Technology Management:** IT College 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:** IT College 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:** IT College 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):** IT College 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 Information Technology. It is founded on four 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 must be able to apply their learning beyond the classroom.
- Students should become effective, independent, lifelong learners as a result of their educational experience.

Assessment of the CIT 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 the course outcomes to the MALOs. Students also prepare portfolios that reflect their achievements and capabilities, and the evaluation of the portfolios by a faculty committee represents the final assessment of a student's achievement in the MALOs.

Relationship of Major Learning Outcomes with ZU Learning Outcomes

The Major Learning Outcomes of the College of Information Technology complement the Zayed University Learning Outcomes by:

- providing a disciplinary context for application of the ZULOs;
- setting an additional standard related to professional expectations of students; and
- combining interrelated MALOs and ZULOs to produce in-depth learning.

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 105, COL 120, COL 130, COL 135, COL 150, COL 155, COL 165, COL 230, COL 250, COL 260, and COL 270.

COL 260 and COL 270 may be scheduled for semester three, four, or five. In addition to the University requirements, the college strongly recommends to prospective IT students that for their future success as IT majors they obtain a grade of C or better in CIT 210 Introduction to IT and Systems.

College of Information Technology Curriculum: Information Technology

The College of Information Technology major is made up of 16 *core IT courses* (49 credit hours, 8

specialization courses (24 credit hours), 16 that also fulfill Colloquy requirements), *specialization courses* (12 hours), and 2-3 *elective courses* (6-9 credit hours, including 3 required by Colloquy).

CIT 210	Intro to IT and Systems * (Menu IV)
CIT 215	Computing Foundations * (Menu IV)
CIT 225	Intro. To Programming/Problem Solving
CIT 235	Information Security Basics
CIT 300	Technical Writing * (Menu VI)
CIT 301	Technical Writing - Arabic * (Menu VI)
CIT 305	IT in Global/Local Cultures * (Menu III)
CIT 306	IT in Global/Local Cultures - Arabic* (Menu VI)
CIT 375	Human Computer Interaction
CIT 377	IT Project Management
CIT 360	Management of Information Systems
CIT 365	Database Systems
CIT 380	IT Entrepreneurship I
CIT 460	Systems Analysis/Design/Implementation
CIT 490	Internship
CIT 491	Research Methods
Plus	8 courses from one specialization
plus	1-2 elective courses from either the Information Technology or Business Colleges
Plus	1 elective outside the college * (Menu V)
	*Taken as a colloquy Menu course

Information Technology Specializations

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

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 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

Enterprise Computing

This specialization prepares students to apply their IT knowledge and skills in government and private sector organizations in an informed fashion that enhances the enterprise or the organization

- CIT 361 Enterprise Systems
- CIT 362 IT in Logistics and Supply Chain
- CIT 371 Mobile Computing
- CIT 372 Cloud Computing
- CIT 400 Green Computing

CIT 463	Enterprise Systems Development
CIT 465	Knowledge Management
CIT 492	IT Infrastructures – Emerging Technologies

Curriculum: Information Systems and Technology Management (Joint with College of Business Sciences)

The Colleges of Business Sciences and Information Technology 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 sector.

Curriculum: Technology and Education (Joint with College of Education)

The Colleges of Education and Information Technology jointly offer the B.S. in Technology and Education degree. The emphasis is on the knowledge and skills needed to manage an IT laboratory, provide instruction in basic technology skills, and serve as a resource for the use of educational technology. The Technology and Education major prepares students for positions such as trainers in technology, computer lab supervisors, consultants, and developers of educational technologies. Candidates take classes from both the College of Education and the College of Information Technology. The U.A.E. has a strong need for professionals in these fields in both the government and private sectors.

Curriculum: Multimedia Design (Joint with College of Arts and Sciences and College of Communications and Media Sciences)

The Colleges of Information Technology, Communication and Media Sciences, and Arts and Sciences 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 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.

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/Design/Implementation
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

Internships for academic credit add a significant workplace experience to a student's education. Students earn a minimum of six hours of academic credit for their internships during the final year. They gain valuable on-the-job work experience related to a chosen focus in information systems applications. In addition, internships permit students to interact with professionals in the fields of work in which they may one day have careers.

Entrepreneurship Course

In this course, student working in teams complete an entrepreneurship project involving technology, under the supervision of the course instructor and, possibly, industry representatives. Students develop a business plan after completing a requirement analysis, feasibility study, design, and prototyping. Teams present their business plan before faculty and others. A Research Methods (CIT 491) course is taken the semester before the course to help the student prepare for the project.

Graduation Requirements

All students must meet the University's graduation requirements. To qualify for graduation in the College of Information Technology, a student must complete all course requirements satisfactorily and receive approval of the portfolio by a faculty committee. A grade of C or higher is required in each CIT course that is taken as a prerequisite for another required CIT course. In addition, the student must have a minimum GPA of 2.0 for all CIT courses that count toward core or major requirements.

Research

The faculty, students, and staff of the College of Information Technology 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 of Information Technology, see pages 144-148.

Outreach and Engagement

The College of Information Technology participates in outreach and engagement activities coordinated by the Institute for Community Engagement (see page 156)

Zayed University
College of Information Technology
Bachelor of Science in Information Technology
Specialization in Enterprise Computing
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	COL 260	Environmental Science	3
	COL 240	English Composition III	3	CIT 225	Introduction to Programming and Problem Solving	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	CIT 235	Information Security Basics	3
	COL 270	Introduction to Information Technology	3	CIT 300	Technical Writing	3
	CIT 210	Introduction to IT and Systems	3	CIT 301	Technical Writing (Arabic)	2
	CIT 215	Computing Foundations	3	CIT 360	Management of Information Systems	3
			Total	18		Total
Year 3	CIT 361	Enterprise Systems	3	CIT 305	IT in Global and Local Cultures	3
	CIT 365	Database Systems	3	CIT 306	IT in Global and Local Cultures (Arabic)	2
	CIT 371	Mobile Computing	3	CIT 362	IT in Logistics and Supply Chain	3
	CIT 372	Cloud Computing	3	CIT 377	IT Project Management	3
	CIT 375	Human Computer Interaction	3	CIT 460	Systems/Analysis/ Design/ Implementation	3
				Elective	CIT Elective	3
			Total	15		Total
Year 4	CIT 400	Green Computing	3	CIT 380	IT Entrepreneurship	3
	CIT 463	Enterprise Systems Development	3	CIT 492	IT Infrastructure- Emerging Technologies	3
	CIT 465	Knowledge Management	3	CIT 490	Internship	6
	CIT 491	Research Methods	3			
	Elective	Non-CIT elective	3			
			Total	15		Total

Total = 126 Credit Hours

Zayed University
College of Information Technology
Bachelor of Science in Information Technology
Specialization in Security and Network Technologies
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	CIT 215	Computing Foundations	3	
	COL 240	English Composition III	3	CIT 225	Introduction to Programming and Problem Solving	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	CIT 235	Information Security Basics	3	
	COL 260	Environmental Science	3	CIT 255	Networks and Telecommunications	3	
	COL 270	Introduction to Information Technology	3	CIT 300	Technical Writing	3	
	CIT 210	Introduction to IT and Systems	3	CIT 301	Technical Writing (Arabic)	2	
		Total	18		Total	17	
Year 3	CIT 245	Web Development	3	CIT 305	IT in Global and Local Cultures	3	
	CIT 320	Programming and Problem Solving	3	CIT 306	IT in Global and Local Cultures (Arabic)	2	
	CIT 335	Information Security Technologies	3	CIT 315	Operating Systems Administration	3	
	CIT 350	Communication Networks I	3	CIT 355	Communication Networks II	3	
	CIT 360	Management of Information Systems	3	CIT 365	Database Systems	3	
	CIT 375	Human Computer Interaction	3	Elective	BUS or CIT	3	
		Total	18		Total	17	
Year 4	CIT 377	IT Project Management	3	CIT 380	IT Entrepreneurship I	3	
	CIT 430	Information Security Management	3	Elective	BUS or CIT	3	
	CIT 460	Systems Analysis/Design/Implementation	3	CIT 490	Internship	6	
	CIT 491	Research Methods	3				
	Elective	Non-CIT Elective	3				
		Total	15		Total	12	

Total = 130 Credit Hours

Zayed University
College of Information Technology
Bachelor of Science in Information Systems and Technology
Management
(Joint with College of Business Sciences)
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	COL 270	Introduction to Information Technology	3
	COL 240	English Composition III	3	BUS 209	Management Decision Sciences	3
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	CIT 225	Introduction to Programming and Problem Solving	3
	BUS 202	Financial Accounting	4	CIT 300	Technical Writing	3
	CIT 210	Introduction to IT and Systems	3	CIT 301	Technical Writing (Arabic)	2
				ECN 202	Understanding Macroeconomics	2
	Total		16	Total		16
Year 3	COL 260	Environmental Science	3	BUS 308	Introduction to Finance	3
	BUS 309	Introduction to Management	3	BUS 407	Language in the Workplace	3
	BUS 310	Introduction to Marketing	3	BUS 407AL	Arabic Lab II	1
	CIT 245	Web Development	3	BUS 413	Accounting Information Systems	3
	CIT 255	Networks and Telecommunications	3	CIT 235	Information Security Basics	3
	CIT 360	Management of Information Systems	3	CIT 365	Database Systems	3
	Total		18	Total		16
Year 4	CIT XXX	CIT Elective	3	BUS 402	Strategic Management	4
	CIT XXX	CIT Elective	3	CIT 380	IT Entrepreneurship I	3
	BUS 401	Business Leadership	3	CIT/BUS 490	Internship	7
	CIT 460	Systems Analysis / Design / Implementation	3			
	CIT 491	Research Methods	3			
	Elective	Non-CIT and Non- BUS Elective	3			
	Total		18	Total		14

Total = 131 Credit Hours

Zayed University
College of Information Technology
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	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	CIT 225	Introduction to Programming and Problem Solving	3	
	COL 240	English Composition III	3	CIT 235 or CIT 255	Information Security Basics Networks and Telecommunications	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	3	CIT 245	Web Development	3	
	COL 260	Environmental Science	3	CIT 365	Database Systems	3	
	COL 270	Introduction to Information Technology	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 3	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 341AL	Arabic Lab: Learning English in Schools	1	EDC 354	Communicative Competence in English	3	
	EDC 350	Education Studies I: The Learner	3	EDC 368	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	16		Total	16	
Year 4	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 = 130 Credit Hours

Zayed University
College of Information Technology
Bachelor of Science in Multimedia Design
(Joint with College of Arts and Sciences and College of
Communication and Media Sciences)
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	COL 260	Environmental Science	3	
	COL 240	English Composition III	3	ART 251	Basic Design	3	
	COL 250	Global Awareness III: The Twentieth Century and Globalization	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	New Media	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	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	1	
		Total	18		Total	15	
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	6	
					Internship for CIT Students	6	
	Elective	300- or 400- level elective other than ART, CIT, or COM	3		Internship for CCMS Students	3	
		Total	15		Total	12/15	

Total = 130/133 Credit Hours

The Institute for Islamic World Studies

Degrees

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

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

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

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

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

Faculty Listings

Executive Director: Nasr Arif

Professors: Hassanein Ali, Mostafa Dogim, Ibrahim Ghanem, Eltigani Hamid, Hamdy Hassan

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

Assistant Professors: Bashir AbulQaraya, Sami Al Toukhy, Mohamed El Youssefi, Hussein Hassan, Hammad Ibrahim,

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 works with the goal of enabling the next generation to deal effectively with complex realities of the twenty-first century.

The primary tasks of IIWS are providing a distinguished and creative academic environment that promotes 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 established in their fields and fully committed to educating the young generations. 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 untraditional 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 230	Islamic Civilization II
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 pages 148-154

*pending final approval

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 degree programs in business, communications, diplomacy and international affairs, education, health care administration, public administration, information technology, judiciary studies, and Islamic studies offer advanced training for recent graduates as well as mid-career professionals seeking to upgrade their skills.

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 masters degree programs are fully approved by the Ministry of Higher Education and Scientific Research.

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, E-Archive and Information Management, High Technology Crime Investigation, Information Security, School Leadership for Principals, Teaching and Learning (Primary), Tourism and Cultural Communication, Public Relations, and Museum Studies.

For students satisfying admission criteria, Zayed University graduate certificates may be upgraded to the affiliated masters 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 Requirements

Prerequisites

- A four-year baccalaureate degree with a grade point average (GPA) of 2.5 or higher from an accredited university.
- **Executive Masters** degree applicants (EMBA, EMHCA, and EMPA) must have at least three years of mid- to upper-level management experience.
- **Executive Masters in Business Administration and Master of Science in International Business** degree applicants are required to have a basic knowledge of accounting, finance, economics, and statistics prior to gaining entry into the masters program. Applicants may therefore be required to successfully complete appropriate pre-program courses at the discretion of the Admissions Committee. Students who have completed the equivalent courses at other institutions will be exempted from this requirement.
- The language of instruction is English. Student success is closely tied to English proficiency. Applicants must meet one of the following requirements:
 - An IELTS score of 5.5 (with minimum sub-scores of 5.0 in reading and writing)
 - A TOEFL paper-based score of 550
 - TOEFL computer-based score of 213 (220 for applicants to College of Communication and Media Sciences)
 - TOEFL internet-based score of 79

If the applicant has a baccalaureate degree from a university in which English is the language of instruction **and** the university is located in a country where the principal language is English, the proficiency examination will be waived.

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. Transcripts in Arabic must be translated into English. 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 what the degree would mean to the applicant's career. Essays should be submitted in typewritten form in English.

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. Any educational, familial, cultural, economic, or social experience should be included. The essay should also discuss how the applicant might assist in improving education in the country. Applicants will also complete a short essay or memorandum during the interview process.

- **Writing Sample**

Applicants for Master of Arts in Communications 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.

- **Writing Proficiency**

The orientation for the Master of Education program prepares degree students for academic reading and writing. Tutoring is available by appointment.

- **Recommendation Letters**

Applicants must submit two letters of recommendation. One letter should be from the applicant's current line manager/supervisor. The second letter might be from a colleague or other individual with whom the applicant has worked. Letters from former teachers or professors are also appropriate, especially for applicants who do not have work experience. Download and complete the appropriate Confidential Letter of Recommendation form at <http://www.zu.ac.ae/gradstudies/docs/RecommendationLetter.pdf>. Both letters must be sealed and signed across the flap. Forward the forms to the Office of Graduate Studies.

- **Interview**

A successful interview in English with the College Admissions Committee is required to confirm interest in the program and academic preparedness. Applicants may be requested to submit a writing sample during the interview.

- **Technology Expertise**

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.

Students must have their own laptop computer with the following minimum specifications: Intel Dual Core (2.40GHz,3MB) processor, 512MB RAM graphics memory, 250GB hard disk drive, 4096 MB RAM memory, 8X DVD+/-RW Drive, 56.6K V.92 modem, built-in Wireless 6200 (802.11 a/g/Draft-n 2x2) card and English Windows Vista Home Basic SP2 (32Bit OS) operating system.

Other Requirements

- A completed application form
- A current resumé
- A passport copy
- Two passport-size photos

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.

The size of each entering class is limited, which ensures a group of highly qualified and committed participants. To ensure a quality education, cohort sizes will be limited to 24-27 applicants. The application is the candidate's introduction to the Admissions Committee. All materials should be submitted in typewritten form in English. A carefully assembled and professional set of application materials will strengthen the case for admission to the program.

Application Process

- Download and complete the appropriate Application for Graduate Program Admission form at http://www.zu.ac.ae/gradstudies/docs/Application_Form.pdf.
- Forward the completed application form with supporting documents to the Office of Graduate Studies.

Program Costs

Program costs that appear on pages [115-116](#) 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 fee of AED 400 must accompany the application. A non-refundable cohort registration fee of 10% of the total tuition fee must be paid a minimum of 5 working days before the Orientation Day of the program to guarantee enrollment in the program.

Graduate Scholarships

Graduate scholarships are available to qualified male and female graduate applicants of all nationalities to all programs except masters degree programs offered by the *College of Education* and the *Institute for Islamic World Studies* and all *Graduate Certificate* programs.

The graduate scholarships are valued at AED 25,000, AED 35,000 and AED 50,000 and are awarded on the basis of academic merit as determined by the grade point average (GPA) from the last 20 courses of an applicant's undergraduate degree.

Graduate Bursaries

Each year (Jan 1 - Dec 31), a small number of bursaries, valued at a maximum of 50 % of program tuition, are made available to academically qualified male and female students of all nationalities admitted to a Zayed University graduate program. Graduate bursaries are awarded on the basis of financial need. Application forms are available from the Office of Graduate Studies.

Contact

The Office of Graduate Studies
Zayed University
P.O. Box 4783
Abu Dhabi, U.A.E.
Tel: +971-2-599-3605
Fax: +971-2-446-7443
Web: www.zu.ac.ae/gradstudies
E-mail: gradadmin@zu.ac.ae

Masters Programs		
College	Program	Cost
College of Arts and Sciences	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 Business Sciences	Executive Masters in Business Administration (EMBA)	AED 128,000
	Master of Science (M.S.) in 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.) (Specialization in Educational Leadership)	AED 84,000
	Master of Education (M.Ed.) (Specialization in School Administration)	AED 84,000
	Master of Education (M.Ed.) in Special Education	AED 84,000
	Master of Science (M.S.) Teaching and Learning	AED 84,000
College of Information Technology	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 Judiciary Studies	Closed Cohort
	Master of Arts (M.A.) in Endowment Studies	AED 70,000
	Master of Arts (M.A.) in Contemporary Islamic Studies	AED 70,000
	Master of Arts (M.A.) in Islamic World Studies	AED 70,000
	Master of Arts (M.A.) in Islamic Economics and Wealth Management	AED 70,000

Graduate Certificate Programs		
College	Program	Cost
College of Arts and Sciences	Graduate Certificate in Health Care Administration	AED 40,000
	Graduate Certificate in Diplomacy and International Affairs	AED 60,000
	Graduate Certificate in Museum Studies	AED 32,000
College of Business Sciences	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 Education	Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary)	TBA
	Graduate Certificate in Advanced Professional Study in School Leadership for Professionals	TBA
College of Information Technology	Graduate Certificate in High Technology Crime Investigation	AED 40,000
	Graduate Certificate in Information Security	AED 40,000
	Graduate Certificate in E-Archive and Information Management	TBA

College of Arts and Sciences

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 masters 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

The EMHCA program provides graduates with the capacity to efficiently manage and lead their individual health organizations. It equips graduates with the tools necessary to examine and evaluate issues and trends in the health care industry critically. Ultimately, EMHCA graduates will be empowered with the knowledge and the skills to positively influence the future of the health care system in the United Arab Emirates.

Faculty

The EMHCA courses are taught by select professors of Zayed University and partner university faculty who have earned doctorates and 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 take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. 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 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 program ends with an international field trip.

**The course delivery sequence may vary 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 2.5 or higher from an accredited university. In addition, applicants must have at least three years

of mid- to upper-level management experience and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters 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 Arts and Sciences **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 masters degree program.

The Gulf Arab States, and in particular the U.A.E., are in the process of transforming their 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 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

The EMPA program aims to educate public-sector

administrators in the best practices of public administration, making them able to assimilate and process information from their community, their region, and the world and to develop and implement policy that will efficiently serve the U.A.E.'s ambitious development plans. New public managers must be skilled in modern management and public administration methods and should be aware of how those methods work in other countries. Furthermore, they should be leaders who can bring other administrators up to their high standards of achievement.

Faculty

The EMPA courses are taught by select professors of Zayed University and partner university faculty who have earned doctorates and 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 take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. 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 2.5 or higher from an accredited university. In addition, applicants must have at least three years of mid- to upper-level management experience and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters 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 Arts and Sciences

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

The program will prepare professionals capable of:

- representing the interests of the United Arab Emirates to other states and to multilateral institutions;
- demonstrating strong knowledge of the contemporary history of the United Arab Emirates, the Gulf region, and the Middle

East;

- showing a professional knowledge of the major canons in International Law, their applications and practical limitations;
- articulating the economic challenges present in a global economy;
- submitting sound analyses and critical perspectives on global security challenges; and
- conducting research in the field of diplomacy, and presenting policy options to their governments.

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 have doctorate degrees and diverse international research experience.

Curriculum

At the beginning of the Master of Arts in Diplomacy and International Affairs program, students take an intensive one-day orientation. The orientation offers a number of workshops to introduce students to the program, during which students are introduced to Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations.

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 elective 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.

Elective Courses

- The Gulf States*
- HSS 693 Security Studies
- International Negotiation*
- Crisis Management*
- Development and Underdevelopment*
- Migration and International Affairs*
- International Criminal Jurisdiction*
- Human Rights*
- HSS 683 Politics of Oil

Area Studies

- Europe and the European Union*
- African Politics*
- Latin American Politics*
- People's Republic of China in the 21st Century*
- Politics of East Asia*
- Southwest Asia*
- The Russian Federation and its Neighbors*
- HSS 613A Area Studies: Middle East
- HSS 613B Area Studies: Africa

Independent Studies

HSS 699 Independent Study

**Courses pending final approval*

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 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 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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters degree 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 degree.

College of Arts and Sciences ***Master of Arts in Design***

The Master of Arts in Design program is currently under review and will not be offered in the academic year 2011-2012. For further information, please contact the Office of Graduate Studies (details at page 114).

College of Arts and Sciences

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 medical 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

On completion of the Graduate Certificate in Health Care Administration program, graduates will be able to:

- understand management issues associated with health care administration;
- have an overview of comparative health care systems and options available;
- have a framework for making critical human resource management decisions; and
- understand ethical implications for the industry.

Faculty

The graduate certificate courses are taught by select professors of Zayed University and partner university faculty who have doctorate degrees and diverse international research experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. 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
**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 2.5 or higher from an accredited university. In addition, applicants must have at least three years of mid- to upper-level management 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.

Movement to Executive Masters in Health Care Administration (EMHCA)

Courses successfully completed with a "B" or higher grade may be transferable into a subsequent Zayed University masters 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 masters degree program.

College of Arts and Sciences

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

The program will begin to prepare professionals capable of:

- representing the interests of the United Arab Emirates to other states and to multilateral institutions;
- demonstrating strong knowledge of the contemporary history of the United Arab Emirates, the Gulf region, and the Middle East;
- showing a professional knowledge of the major canons in International Law, their applications and practical limitations;
- articulating the economic challenges present in a global economy;
- submitting sound analyses and critical perspectives on global security challenges; and
- conducting research in the field of diplomacy and presenting policy options to their governments.

Faculty

The Graduate Certificate in Diplomacy and International Affairs courses are taught by select professors of Zayed University faculty who have earned doctorates and acquired diverse international research experience.

Curriculum

At the beginning of the program, students take

an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program, during which students are introduced to Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations.

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 elective 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.

Elective Courses

- The Gulf States*
- HSS 693 Security Studies

- International Negotiation*
- Crisis Management*
- Development and Underdevelopment*
- Migration and International Affairs*
- International Criminal Jurisdiction*
- Human Rights*
- HSS 683 Politics of Oil

Area Studies

- Europe and the European Union*
- African Politics*
- Latin American Politics*
- People's Republic of China in the 21st Century*
- Politics of East Asia*
- Southwest Asia*
- The Russian Federation and its Neighbors*
- HSS 613A Area Studies: Middle East
- HSS 613B Area Studies: Africa

Independent Studies

HSS 699 Independent Study

**Courses pending final approval*

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 2.5 or higher from an accredited university 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.

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

Courses successfully completed with a "B" or higher grade may be transferable into a subsequent Zayed University masters 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 masters degree program.

College of Arts and Sciences

Graduate Certificate in Museum Studies

Introduction

The Graduate Certificate in Museum Studies program is offered in partnership with The University of St. Andrews. The participation of the partner university 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 graduate certificate program. The Graduate Certificate in Museum Studies meets the needs of those who have earned a baccalaureate degree and wish to obtain an advanced certificate in museum studies without committing to a full masters degree program. The Graduate Certificate in Museum Studies also offers the opportunity for students to continue to complete a full masters degree program.

Objectives

The Graduate Certificate in Museum Studies provides a foundation in museum operation and management and exhibition design; and a special insight to contemporary western art, Islamic design, or Emirati heritage. Graduates will be well prepared to join the rapidly growing cultural institutions in Abu Dhabi and across the United Arab Emirates.

Learning Outcomes

Upon successful completion of the Graduate Certificate in Museum Studies, graduates will be able to:

- understand the historical development of collections, the fundamentals of current museum and collection management best practices and the roles and functions of museum professionals;
- demonstrate knowledge of the nature of museum audiences and their needs, the services provided by museums and galleries, and the range of issues involved in museum management; and
- demonstrate superior knowledge of one of the following specialization areas: the history of the U.A.E. and its tangible and intangible heritage; contemporary and modern art; or Islamic art, design, and architecture.

Faculty

The courses are taught by select professors from Zayed University and partner university faculty who have an earned a doctorate degree or the masters degree in fine arts, and who have comprehensive experience in museums, art, history and heritage.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), library resources, project and portfolios, and professional writing skills. The curriculum consists of the following core and specialization courses:

Core Courses

- Theory and Practice of Museums, Galleries, and Associated Organizations*
- Museums and Collections in Context*
- Audiences and Interpretation*
- Projects, Planning, and Management*

Specialization Courses

Students must select one course from three specialization courses. Each specialization course includes a core survey and a professional practice module.

- Modern and Contemporary Art (post 1945)*
- Islamic Design, Art, and Architecture*
- The History and Heritage of the United Arab Emirates*

**Courses pending final approval*

Course Delivery Format

The format for delivering the Graduate Certificate in Museum Studies program is designed to minimize time away from work and family while maximizing interaction with fellow students and faculty.

Faculty members utilize a mixture of class lectures, distance learning instruction, and practical tutorial sessions that accommodate experienced working graduate students. The program consists of four core courses and one specialization course delivered over a 12-month time frame. The in-classroom instruction for each course is conducted on three evenings during the week and there are also occasional weekend tutorial sessions.

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 2.5 or higher from an accredited university. In addition, applicants must demonstrate sufficient English proficiency to manage a challenging 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.

College of Business Sciences Executive Masters in Business Administration (EMBA)

Introduction

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

The participation of a partner university allows the EMBA 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 business-relevant masters degree program.

Objective

The EMBA program prepares experienced U.A.E. 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 from Zayed University and partner university faculty who have doctorate degrees and professional

experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. 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 650 Enterprise Systems Management
- BUS 631 International Finance and Banking
- BUS 620 Capstone Seminar in Global Business Strategy

Course Delivery Format

The format for delivering 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 six and one-half week courses delivered over a 24-month time frame. Faculty members utilize a mix of in-classroom and distance learning instruction. The 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. Additional off-site lectures are provided on CDs. Blackboard customized courseware, with e-mail and course management features, is used to deliver the offsite e-learning component of the curriculum. Portions of some courses involve videoconferencing. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access course 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 2.5 or higher from an accredited university. In addition, applicants must have at least three years

of mid- to upper-level management experience and demonstrate sufficient English proficiency to manage a challenging, fast-paced executive masters 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 main masters program. Applicants may therefore be required to successfully complete appropriate pre-program courses at the discretion of the Admissions Committee. Students who have completed the equivalent courses at other institutions 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 the graduate degree.

College of Business Sciences **Master of Science (M.S.) in International Business**

Introduction

The Master of Science (M.S.) in International Business program offered in partnership with Thunderbird School of Global Management prepares future leaders to succeed in the dynamic world of global business. The program addresses the needs of individuals without extensive senior management experience and is firmly grounded in the functional areas of international business. Additional courses are designed to introduce managers to developments significantly impacting business, including technological advances, globalization, and the internet economy.

The participation of the partner university allows the Master of Science in International Business 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 business-relevant masters degree program.

Objective

The Master of Science in International Business program prepares graduates for senior leadership roles in their organizations.

Learning Outcomes

The Master of Science in International Business program aims to provide participants with a 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 Science in International Business program, graduates will have a knowledge and understanding of:

- the nature of managing business in an international context and the complex pressures toward globalization and internationalization of business;
- the ethical and cultural factors that impact on business management in an international context;
- the dynamics of organizational change and development within an international context;
- the opportunities and challenges presented by regional and emergent economies; and
- information technologies as they impact upon organizations and inform management decision making in a changing organizational environment.

Faculty

The graduate courses are taught by select professors from Zayed University and partner university faculty who have doctorate degrees and professional experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. A special session is conducted in leadership development. The curriculum of the Master of Science in 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 664 Global Business Strategy
- BUS 631 International Finance and Banking
- BUS 620 Capstone Seminar in Global Business Strategy

College of Business Sciences ***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 (details at page [114](#))

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 six and one-half week courses over a 24-month time frame. Faculty members utilize a mix of in-classroom and distance learning instruction. The 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. Additional off-site lectures are provided on CDs. Blackboard customized courseware, with e-mail and course management features, is used to deliver the offsite e-learning component of the curriculum. Portions of some courses involve videoconferencing. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access course 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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters degree program.

Master of Science in International Business degree applicants are required to have a basic knowledge of accounting, finance, economics, and statistics prior to gaining entry into the main masters program. Applicants may therefore be required to successfully complete appropriate pre-program courses at the discretion of the Admissions Committee. Students who have completed the equivalent courses at other institutions 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 Sciences

Graduate Certificate in Business Administration

Introduction

The Graduate Certificate in Business Administration is a general management program. The graduate certificate program is firmly grounded in the functional areas of the business enterprise. The graduate certificate program comprises the first four courses of the Executive Masters in Business Administration degree. It is expected that in most cases the program will 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

Participants 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 issues surrounding the management of organizational financial resources.

Faculty

The graduate certificate courses are taught by select professors from Zayed University who have earned doctorates and acquired professional experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program, during which students are introduced to Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. 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 distance learning instruction that accommodates working graduates. The in-classroom instruction for each course is normally conducted every six and one-half weeks on Thursday, Friday, and Saturday in full day sessions. Additional off-site lectures are provided on CDs. Blackboard customized courseware, with e-mail and course management features, is used to deliver the offsite e-learning component of the curriculum. Portions of some courses involve videoconferencing. Students and faculty interact frequently to exchange e-mail, transfer files, submit papers, and access course 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 2.5 or higher from an accredited university. In addition, applicants must have at least three years of mid- to upper-level management 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 Admissions Committee. Students who have completed the equivalent courses at other institutions 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.

Movement to Executive Masters in Business Administration (EMBA)

Courses successfully completed with a "B" or higher grade may be transferable into a subsequent Zayed University masters 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 masters degree program.

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 U.A.E., 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. It blends a broad theoretical, empirical, and professional knowledge of communications and media with understanding of the concepts, systems, and practices of tourism and special events.

Objective

The Master of Arts in Communications (Specialization in Tourism and Cultural Communication) program is designed to prepare tourism professionals to become leaders who can effectively respond to the dynamic and changing tourism industry at the local and international levels. The program empowers professionals who seek to advance to upper-middle management and senior management levels in tourism organizations with the necessary knowledge and skills required for their success. The program will enable them to achieve academic and professional growth in their field, to contribute effectively to the growth of their profession, and to be active participants in the economic development of the country.

Learning Outcomes

The Master of Arts in Communications (Specialization in Tourism and Cultural Communication) program will equip participants to be future leaders in the tourism industry. Participants in the program will:

- attain a global and regional understanding of current trends and directions in tourism and related industries;
- develop critical, analytical, and research competence in the study of communication and media as they relate to tourism, including measuring and understanding consumer trends;

- understand the role played by new information technologies in the tourism industries;
- learn strategies for developing integrated marketing communication campaigns that serve organizational and/or corporate objectives;
- understand linkages between tourism communications and local culture and heritage, especially in the U.A.E. context; and
- develop best professional and leadership practices that enhance the success and effectiveness of the organization and its staff.

Faculty

The graduate program courses are taught by select faculty from Zayed University who have doctorate degrees and diverse international research experience.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced graduate program.

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

Sufficient and appropriate professional experience may be substituted for the preparatory coursework at the discretion of the college.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study

and analysis, library resources, and the writing of reports and reference citations.

The curriculum consists of the following twelve courses:

Year One

- 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

Year Two

- 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

Course Delivery Format

The format for delivering the Masters (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 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.

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 sectors.

Learning Outcomes

Participants in the program will:

- have an informed understanding of the main theories and concepts of communication and public relations relating to current public relations practice locally and internationally;
- have an informed understanding of the role and significance of ethical strategic public relations for governments, public and private organizations, the media, consumers and other stakeholders;
- have the ability to think critically and analytically and to plan strategically;
- have the ability to write effectively for public relations, including specific communication techniques for electronic and social media;

- be equipped with the necessary theoretical knowledge and practical skills in research methods to enable them to undertake public-relations- focused research, analysis, and measurement; and
- have the ability to plan and implement knowledge-driven public relations strategies.

Faculty

The graduate program courses are taught by select faculty from Zayed University who have doctorate degrees and diverse international research experience.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced program.

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

Sufficient and appropriate professional experience may be substituted for the preparatory coursework at the discretion of the college.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program, during which students are introduced to Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations.

The Master of Arts in Communications (Specialization in Strategic Public Relations) curriculum consists of 12 six-week courses for a total of 36 credits for the masters degree.

Year One

- 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

Year Two

- 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

**Courses pending final approval*

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 will culminate in a significant piece of research, which could be linked to their current workplace.

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.

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. 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 masters degree program.

Objective

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 industry.

Learning Outcomes

The Graduate Certificate in Tourism and Cultural Communication program will prepare participants to meet the growing demand for qualified tourism professionals. Participants in the program will:

- attain a global and regional understanding of current trends and directions in tourism and related industries;
- understand the role played by new information technologies in tourism;
- learn strategies for developing integrated marketing communication campaigns that serve organizational and/or corporate objectives;
- understand linkages between tourism communications and local culture and heritage, especially in the U.A.E. context; and
- develop best professional and leadership practices that enhance the success and effectiveness of the organization and its staff.

Faculty

The graduate program courses are taught by select professors from Zayed University who have doctorate degrees and diverse international research experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to

the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. The curriculum consists of the following four courses:

- 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 program consists of four six-week courses delivered over a 12-month time period. 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 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.

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.

Movement 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 a subsequent Zayed University masters 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 masters 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). 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 masters 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

Participants in the program will have:

- an informed understanding of the main theories and concepts of communication and public relations relating to current public relations practice locally and internationally;
- an informed understanding of the role and significance of ethical strategic public relations for governments, public and private organizations, the media, consumers, and other stakeholders; and
- the ability to write effectively for public relations, including specific communication techniques for electronic and social media.

Faculty

The graduate program courses are taught by select professors from Zayed University who have doctorate degrees and diverse international research experience.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations.

The Graduate Certificate in Public Relations curriculum comprises the first four courses of the Master in Communications (Specialization in

Strategic Public Relations) program 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*
- *Courses pending final approval*

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.

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.

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.

Movement 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 a subsequent Zayed University masters 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 masters degree program.

College of Education

Master of Education (M.Ed.)

Specialization in Educational Leadership

Introduction

The Master of Education (M.Ed.) Specialization in Educational Leadership program offered in partnership with College of Education, University of Washington (Seattle, Washington, USA), is designed to meet the needs and interests of educational leaders and those aspiring to be leaders in the many dynamic fields associated with education such as school directors, principals, coordinators, trainers, and Ministry personnel in the United Arab Emirates. Designed on an outcomes-based 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.

Objectives

Through a commitment to academic excellence, the Master of Education Specialization in Educational Leadership 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

The program will prepare leaders to understand:

- the role of leadership in developing effective educational environments;
- the influence of policy on education and leadership;
- the application of current, credible learning theory and approaches to

assessment;

- planning and change theory and implementation;
- the impact and strategic use of resource allocation and human resources;
- principles and practices of community leadership, effective communication, interpersonal relationships, and public relations; and
- the design of inquiry and the use of information management.

In addition, education leaders 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 and partner university faculty who have doctorate degrees and 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 Specialization in Educational Leadership curriculum consists of twelve courses delivered over a 24-month time frame. The courses are linked to three strands that are based on key aspects of educational leadership. Areas of study include the following:

Strategic Leadership

- EDC 632 Strategic Leadership in Education
- EDC 601 Introduction to Educational Research
- EDC 602 Models of Educational Research
- EDC 635 Assessment and Evaluation
- EDC 695 Research Seminar

Learning and Instructional Leadership

- EDC 653 Educational Standards in an International Context
- EDC 654 Leadership, Entrepreneurship, and Learning
- EDC 655 Social, Community, and Family Contexts of Education

College of Education ***Master of Education (M.Ed.)*** ***Specialization in School Administration***

Introduction

The Master of Education, Specialization in School Administration program offered in partnership with the College of Education, University of Washington (Seattle, Washington, USA), is designed to develop the knowledge base, management skills, and personal attributes that allow individuals to advance professionally and to provide executive leadership to public schools. The program is especially organized to meet the professional goals of individuals desiring administrative positions in public schools. To accomplish this goal, the program provides high quality curriculum and instruction to prepare aspiring school leaders for the complex responsibilities of principalship. The program of study supports the practical needs of school leaders in their day-to-day work through problem- and field-based learning opportunities

Organizational Leadership

- EDC 640 Leading Educational Organization
- EDC 637 Human Performance and Resource Management
- EDC 636 Educational Improvement and Systemic Change
- EDC 656 Educational Leadership and Organizational Behavior

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.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters degree program.

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 the masters degree.

and encourages students to expand their thinking to recognize and develop the capacities required of school leaders in the 21st century. Classes are planned in a logical and careful manner to build upon knowledge gained in the program.

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

The Master of Education Specialization in School Administration program is designed to equip graduates with the knowledge, skills, and attitudes that will enhance their efforts in successfully

achieving the goals of the United Arab Emirates regarding educational reform.

Learning Outcomes

By completion of the program of study, graduates will be able to:

- collect, analyze, and interpret educational data and determine how it should be used for school improvement;
- manage information efficiently and effectively using appropriate technologies;
- use a variety of supervisory models to improve teaching and learning;
- assess student progress using a variety of techniques and interpret standardized test data;
- evaluate and develop curriculum and instruction that is appropriate for varied learning styles and specific to student needs;
- identify and apply appropriate professional development programs for school staff;
- identify student and family conditions that influence learning and develop programs to involve families and the community in the school;
- establish operational plans and processes to fulfill strategic goals, using practical applications;
- implement appropriate management techniques and group processes;
- develop an efficient budget planning process; and
- complete and present a capstone project resulting from the application of the strategic, instructional, organizational, and contextual program outcomes. The capstone will be a synthesis of knowledge and research useful to practicing school principals in the workplace.

In addition, school administrators 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 school administration;

- manage ongoing change and foster collaboration in the educational community;
- manifest a professional code of ethics and values; 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 have doctorate degrees and 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 Specialization in School Administration curriculum consists of twelve courses delivered over a 24-month time frame. Courses are organized within four areas based on international standards for school leadership development and culminate with an internship. Students begin their final project in their first research course and develop a school improvement study in their school. Courses within each domain are the following:

Strategic Leadership

- EDC 651 Leading Effective Schools
- EDC 601 Introduction to Educational Research
- EDC 603 Using Data for School Improvement
- EDC 635 Assessment and Evaluation
- EDC 695 Research Seminar

Managerial Leadership

- EDC 652 Leadership for School Problem-Solving
- EDC 637 Human Performance and Resource Management

Instructional Leadership

- EDC 633 Applied Learning for Educational Leaders
- EDC 638 Guiding and Analyzing Effective Teaching
- EDC 634 Curriculum Leadership

Family and Community Collaboration

- EDC 639 Student, School, and Community Collaboration
- EDC 699 Internship for School Administrators

Course Delivery Format

Each of the courses will be offered during either a six -to eight- week period or an intensive period.

College of Education **Master of Education (M.Ed.) Specialization in Special Education**

Introduction

The Master of Education (M.Ed.) Specialization in Special Education program offered in partnership with the College of Education, University of Washington (Seattle, Washington, USA), is designed for experienced teachers, administrators, and other educators who wish to expand their knowledge 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.

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.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters degree program.

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 the masters degree.

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 and partner university faculty who have doctorate degrees and 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 Specialization in Special Education curriculum consists of 11 courses for a total of 36 credits for the masters 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: Practices 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.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters degree program.

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 the masters 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 offered in partnership with the College of Education, University of Washington (Seattle, Washington, USA), is designed to enhance the knowledge and skills of practicing professional teachers. The masters 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 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 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 have doctorate degrees and 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 Science Teaching and Learning curriculum consists 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.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters degree program.

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 the masters degree.

College of Education

Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary)

Introduction

The Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary) program targets practicing primary teachers who have not had the opportunity to complete a teacher training program and who wish to prepare themselves with the latest pedagogy for the 21st century schools.

The quality of a teacher impacts student achievement and school engagement. The program is designed to support teacher development of skills necessary for facilitating literacy and numeracy development, as well as creating engaging environments, assessing and using assessment data to monitor student development, and developing capacity for the inclusion of students with mild special needs in high achieving schools.

Objective

The goal of the Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary) program is to prepare primary teachers in schools in the United Arab Emirates to develop strong literacy and numeracy development skills, collect and evaluate assessment data, and differentiate instruction to increase student success and achievement.

Learning Outcomes

By completion of the program, primary teachers will be able to:

- analyze learner characteristics that influence student development, and academic

- achievement and identify appropriate learning experiences;
- consider, understand, and implement a variety of theories of learning;
- understand and investigate professional practice as the critical link between standards, assessment, and student achievement;
- evaluate technology and integrated curriculum options and their connections to assessment and instructional strategies;
- examine differentiated instruction for all students, including students with special needs;
- investigate language development, instructional reading and writing strategies, literacy materials and assessment approaches in K-5 language education;
- investigate numeracy development, instructional mathematics strategies, numeracy materials, and assessment approaches in K-5 mathematics learning;
- analyze and practice teaching strategies for content areas including the development of learning activities, instructional materials, lesson plans and teaching for higher order thinking skills;
- evaluate and apply strategies and techniques found in effective classrooms in classroom settings;
- enhance learning through activities and methodologies that engage a variety of sensory modalities;
- facilitate student inquiry skills and student ownership/direction of their own learning; and
- continue to develop professionally as an educator through a variety of means.

Faculty

The graduate certificate courses are taught by select professors from Zayed University faculty who have doctorate degrees and administrative experience and are recognized practitioners from the field of school administration.

Curriculum

The Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary) curriculum consists of four courses delivered over a 12-month time frame. The courses are the following:

- EDC 511 Literacy and Language Learning K-5
- EDC 512 Teaching and Learning Mathematics K-5
- EDC 663 Using Assessment for Learning
- EDC 646 Implementing Inclusive Education

Course Delivery Format

Each of the courses includes face-to-face instruction, in addition to out-of-class activities contextualized in the student's work assignment. The courses will be highly practical and supported by a solid theory base in adult learning, leadership, and administration. All courses are based on 15 contact hours per credit.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging 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.

Movement to the Master of Science (M.S.) Teaching and Learning

Students successfully completing the Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary) program with a "B" or higher grade in all courses, will be permitted to transfer 2 course credits to the Master of Science (M.S.) Teaching and Learning program. However, admission into the Graduate Certificate in Advanced Professional Study in Teaching and Learning (Primary) program does not guarantee admission into the Master of Science (M.S.) Teaching and Learning program. Students, if admitted, must request transfer of completed graduate certificate course credits to the masters degree program.

College of Education

Graduate Certificate in Advanced Professional Study in School Leadership for Principals

Introduction

The Graduate Certificate in Advanced Professional Study in School Leadership for Principals program targets practicing and aspiring principals who wish to prepare themselves to lead U.A.E. schools of the 21st century.

As the quality of a principal affects teachers' satisfaction, parents' perceptions about a school, and the academic performance of a school, the program is designed to support development of skills necessary for leadership in high achieving schools.

Objective

The goal of the Graduate Certificate in Advanced Professional Study in School Leadership for Principals program is to prepare school principals in the United Arab Emirates to lead in a time of educational development and reform for purposes of increasing student success and achievement.

Learning Outcomes

By completion of the program of study, graduates will be able to:

- collect, analyze, and interpret educational data and determine how it should be used for school improvement;
- manage information efficiently and effectively using appropriate technologies;
- use a variety of supervisory models to improve teaching and learning;
- assess student progress by using a variety of techniques and interpret standardized test data;
- develop and evaluate curriculum and instruction that is appropriate for varied learning styles and specific to student needs;
- identify and apply appropriate professional development programs for school staff;
- identify student and family conditions that influence learning and develop programs that involve families and the community in the school;
- establish operational plans and processes to fulfill strategic goals, using practical applications;
- implement appropriate management

techniques and group processes;

- develop an efficient budget planning process; and
- understand the changing role of principalship and its role in educational reform in the United Arab Emirates.

Faculty

The graduate certificate courses are taught by select professors from Zayed University faculty who have earned doctorates and elementary teaching experience, and by recognized practitioners from the field.

Curriculum

The Graduate Certificate in Advanced Professional Study in School Leadership for Principals curriculum consists of 6 courses delivered over a 12-month time frame. The courses are the following:

- EDC 501 Social Context of Schools in the U.A.E.
- EDC 502 Establishing a Framework for Successful Schools
- EDC 651 Leading Effective Schools
- EDC 634 Curriculum Leadership
- EDC 638 Guiding and Analyzing Effective Teaching
- EDC 637 Human Performance and Resource Management

Course Delivery Format

Each of the courses includes face-to-face instruction, in addition to out-of-class activities contextualized in the student's work assignment. The courses will be highly practical and supported by a solid theory base in adult learning, leadership, and administration. All courses are based on 15 contact hours per credit.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging 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.

Movement to the Master of Education (M.Ed) Specialization in School Administration

Students successfully completing the Graduate Certificate in Advanced Professional Study in School Leadership for Principals program with

a “B” or higher grade in all courses, will be permitted to transfer four course credits to the Master of Education (M.Ed) Specialization in School Administration program. However, admission into the Graduate Certificate in Advanced Professional Study in School Leadership for Principals program does not guarantee admission into the Master of Education (M.Ed) Specialization in School Administration program. Students, if admitted, must request transfer of completed graduate certificate course credits to the masters degree program.

College of Information Technology 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 masters program will prepare graduates for highly skilled technical and management positions in this area of great concern to the United Arab Emirates.

Learning Outcomes

The Master of Science in Information Technology (Specialization in Cyber Security) program will enable graduates 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 have doctorate degrees and 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 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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced masters degree 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 Information Technology **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 a 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

A graduate 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 have doctorate degrees and 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 cyber crime. The curriculum consists of the following four courses:

- CIT 500 Computer Hardware and Software Platforms
- 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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced 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.

Movement 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 masters 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 Information Technology 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 have doctorate degrees and 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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced 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.

Movement 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 masters 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.

College of Information Technology Graduate Certificate in E-Archive and Information Management (Joint with Library and Learning Resources)

Introduction

The Graduate Certificate in E-Archive and Information Management program offered in partnership with the University of North Carolina at Chapel Hill prepares highly committed and motivated participants for careers in archives, libraries, museums, and information centers. It is expected that in most cases the program will be completed within 10 months of commencement.

Objective

The focus of the graduate certificate program is on the development of basic concepts, knowledge, and skills that will enable successful participants to build expertise in the area of archival, library, and information science.

Learning Outcomes

Graduate students will be able to:

- elicit and address user information needs;
- take an "evidence-based" approach to practice;
- understand and organize complex collections of information;
- conduct a reference interview and satisfy the user's information need;
- teach information literacy classes;
- perform technical services, such as cataloging;
- design and build a website; and
- understand information technology applications as they apply to libraries, archives, and information centers.

Faculty

The graduate certificate courses are taught by select professors from Zayed University and partner university faculty who have doctorate degrees and 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 E-Archive and Information Management curriculum offers 5 courses that equip students with basic skills and concepts in library and archival science and that establish a foundation for study leading to a masters degree in the field. The graduate certificate curriculum is designed around five functional areas:

- organizing information: analyzing and classifying information objects and assigning metadata;
- selecting and collecting information in all formats, including digital;
- understanding user information-related behavior;
- designing and evaluating research and assessment methods; and
- managing information organizations; their operation, services, and human resources.

The curriculum consists of the following 5 six-week courses:

- CIT 610 Information Technology Essentials
- CIT 620 Foundations of Archival and Information Science
- CIT 630 Organization of Material and Electronic Documents
- CIT 650 Introduction to Archives and Records Management
- CIT 655 Electronic Records Management

Course Delivery Format

The format for delivering the Graduate Certificate in E-Archive and Information Management 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. The in-classroom instruction for each course is normally conducted in the evenings during the week.

Assessment will be continuous throughout the program, using a combination of examinations, research papers, online discussions, group projects, and in-class oral presentations.

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 2.5 or higher from an accredited university and demonstrate sufficient English proficiency to manage a challenging, fast-paced graduate certificate program.

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.

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.

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

Introduction

The Master of Arts in Endowment Studies is a 36 -credit- hour program designed to introduce the theoretical and practical aspects of endowment in order and prepare graduates to become distinguished researchers and administrators in endowment and civil society institutions in the United Arab Emirates, the Gulf region, and beyond. It applies the historical Islamic and modern western endowment methods, mechanisms, regulations, and experiences to enhance sustainable development in Islamic societies. As a matter of national priority and need for graduates of this program, and in consideration of the language of the UAE endowment authorities, instruction in the Arabic track of the program is in Arabic with a major English language component. Instruction in the English track is in English with some Arabic language components. This program is awaiting final approval.

Objective

The program aims to:

- provide graduates with the latest developments in the field of endowment;
- improve the skills and efficiency of endowment researchers and practitioners; and
- equip graduates with knowledge and skills of endowment administration.

Learning Outcomes

Upon successful completion of the program, graduates will:

- understand the most recent and important developments in endowment fields;
- properly apply different endowment rules in selected real cases;
- practice endowment administration in different fields;
- know the effective and efficient management of endowment;
- know the importance of the commitment to the highest degree of objectivity, and the avoidance of biases;
- know how to analyze and assess endowment documents in order to apply the endower's will and abort any attempt to deceive the endowment supervisors;
- understand how to think creatively within the legal frameworks of endowment;
- understand the normative and ethical framework of the profession of endowment administration;
- understand the norms and ethical system of the work of endowment supervisors;
- understand the obstacles against the fair and effective administration of endowment, and the methods of overcoming such obstacles;
- know how to protect the independence of endowment; and
- understand the economic factors that impact endowment practices in the U.A.E. and the Muslim world.

Faculty

The graduate program courses are taught by select professors of Zayed University who have doctorate degrees and significant relevant professional experience and expertise. In addition to Zayed University faculty, professionals holding these qualifications are recruited locally or internationally to deliver all or part of some courses.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. The curriculum of the program consists of the following courses:

- MAES 610 Epistemology and Research Methodology*
 - MAES 615 Islamic Legal Theory*
 - MAES 620 Endowment, Social Mobility, and Civil Society*
 - MAES 625 Comparative Endowment Jurisprudence*
 - MAES 630 Endowment and Education: Theory and Practice*
 - MAES 635 Endowment and Social Welfare: Comparative Experiences*
 - MAES 640 Comparative Modern Laws of Endowment*
 - MAES 645 The Modern Methods of Waqf Administration*
 - MAES 650 Financial Policies of Endowed Wealth*
 - MAES 655 Endowment Governance*
 - MAES 699 Research Project*
- *Courses pending final approval*

Course Delivery Format

The program employs proven techniques for imparting training at the graduate level, which include classroom lectures by faculty, scholars, endowment experts, and endowers, supplemented by panel discussions, scenarios, simulations, problem solving and case studies with reference to landmark endowments in Muslim and western societies. Students are trained practically as endowment researchers and administrators so that they become capable of studying and administering endowment effectively after they graduate and achieving the comprehensive goals of endowment. Lectures and discourses by eminent scholars and experts are arranged on a broad range of relevant subjects to equip the students with the skills required to improve their understanding of endowment and practices of its administration, finance, and supervision.

The program disseminates knowledge and information about endowment (Waqf) by way of lecturing, and also employs a professional approach

to endowment based on the theory and principles of adult education. Study focuses on understanding and acquiring the skills necessary for building endowments. Lectures are supplemented by small group seminars and workshops marked by the active participation of scholars. Experts in techniques of active learning, such as problem solving, case studies, scenarios, simulations, and panel discussions develop professional skills, which are supported by the foundation of information and knowledge.

The comparative study of historical and contemporary experiences and textual analysis of endowment documents are two integral parts of all courses. No single course is focused on the history of Islamic endowment. Instead, the study of history crosscuts all courses and serves to develop ideas on reforming current conditions of endowment. In addition, in each course, students analyze historical documents of endowed properties.

Admission Requirements

Candidates holding an undergraduate degree in any humanities or social sciences discipline and reasonable experiences in the field of endowment may apply to pursue the degree. The main targets of the program are the staff of endowment authorities and philanthropic NGO's.

Applicants must have earned a baccalaureate degree with a grade point average (GPA) of 2.5 or higher from an accredited university. The Arabic track of the program is delivered in Arabic with designated English language components. The standard English proficiency requirements for admission is waived as an entry requirement, but English proficiency must be proved as an exit requirement for students admitted in the Arabic track. Graduates on this track must score at least 500 on the paper-based TOEFL, or its equivalent on the computer-based or the internet-based TOEFL or IELTS.

The English track of the program is delivered in English with designated Arabic language components. Candidates on this track must score at least 550 on the paper-based TOEFL, or its equivalent on the computer-based or the internet based TOEFL or IELTS. Graduates on this track will be tested to prove Arabic reading proficiency.

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 the graduate degree.

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

Introduction

The Master of Arts in Contemporary Islamic Studies is a 36 credit hour program designed for students who wish to acquire deeper understandings of current issues and trends in the Muslim world by critically studying the foundational sources of Islam, and Muslim peoples, cultures, and institutions. As a matter of national priority and need for graduates, and in consideration of the language of the UAE Islamic affairs authorities, the program will be offered in two tracks. The Arabic track of the program is in Arabic with some English language components. The English track is in English with some Arabic language components. This program is awaiting final approval.

Objective

The program aims to:

- introduce new methods and techniques in studying Islamic heritage;
- combine in-depth Islamic knowledge and wider practical knowledge;
- train interested cadres in the field of Islamic studies to deal with issues of the contemporary globalized world; and
- train teachers, researchers, and civil servants of Islamic institutions.

Learning Outcomes

Upon successful completion of the program, graduates will:

- understand the most recent and important developments in the Islamic studies field;
- know the importance of the commitment to the highest degree of objectivity and avoidance of biases;
- know how to analyze and assess Islamic heritage documents;
- understand how to apply the highest values of Islamic jurisprudence in real-life issues;
- understand how to think creatively within the general frameworks of Islam;
- understand the norms and ethical system of the work of contemporary Islamic scholars; and
- understand the factors that impact Islamic practices in the U.A.E. and the Muslim world.

Faculty

The graduate program courses are taught by select professors of Zayed University who have doctorate degrees and significant relevant professional experience and expertise. In addition to Zayed University faculty, professionals holding these qualifications are recruited locally or internationally to deliver all or part of some courses.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. The curriculum of the program consists of the following courses:

- MACIS 610 Epistemology and Research Methodology*
 - MACIS 615 Islamic Legal Theory*
 - MACIS 620 Textual Analysis of the Qur'an*
 - MACIS 625 Textual Analysis of the Hadith*
 - MACIS 630 Comparative Methods of Jurisprudence (Fiqh)*
 - MACIS 635 Comparative Methods of Jurisprudence*
 - MACIS 640 Islamic Movements of Reform and Renewal in Modern History*
 - MACIS 645 Islamic Social System*
 - MACIS 650 Islamic Economics*
 - MACIS 655 Islam and Global Affairs*
 - MACIS 699 Research Project*
- *Courses pending final approval*

Course Delivery Format

The program employs proven techniques for imparting training at the graduate level, which include classroom lectures by faculty, scholars, and experts, supplemented by panel discussions, scenarios, simulations, problem solving, and case studies with reference to contemporary issues in Muslim and western societies. Students are trained practically as Islamic studies teachers and researchers so that they become capable of studying and disseminating Islamic knowledge effectively after they graduate.

Lectures and discourses by eminent scholars and experts are arranged on a broad range of subjects to equip the students with the skills required to improve their understanding of Islam

and contemporary Muslim practices.

The program disseminates knowledge and information about Islam in contemporary Muslim world by way of lecturing and also employs a professional approach to Islamic studies based on the theory and principles of adult education. The program focuses not only on the study of Islam in the contemporary Muslim world but also on the skills of teachers and researchers in Islamic studies. Lectures are supplemented by small group seminars and workshops which build on the active participation of scholars. Experts in techniques of active learning, such as problem solving, case studies, scenarios, simulations, and panel discussions develop professional skills, which are supported by the foundation of information and knowledge.

The comparative study of historical and contemporary experiences is an integral part of all courses. No single course is focused on history. Instead, the study of history crosscuts all courses and serves to develop ideas on reforming current conditions of the Muslim world.

Admission Requirements

Candidates holding an undergraduate degree in Islamic studies or having reasonable grounds and experiences in the field of Islamic studies may apply to pursue the degree. However, the main targets of the program are the graduates of Islamic studies schools. Other applicants will be interviewed and assessed on their basic knowledge and practical experience of Islamic studies and readiness for the program.

Applicants must have earned a baccalaureate degree with a grade point average (GPA) of 2.5 or higher from an accredited university. The Arabic track of the program is delivered in Arabic with designated English language components. The standard English proficiency requirements for admission is waived as an entry requirement, but English proficiency must be proved as an exit requirement for students admitted in the Arabic track. Graduates on this track must score at least 500 on the paper-based TOEFL, or its equivalent on the computer-based or the internet-based TOEFL or IELTS.

The English track of the program is delivered in English with designated Arabic language components. Candidates on this track must score at least 550 on the paper-based TOEFL, or its equivalent on the computer-based or the internet-based TOEFL or IELTS. Graduates on this track will be tested to prove Arabic reading proficiency.

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 the graduate degree.

Institute for Islamic World Studies

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

Introduction

The Master of Arts in Islamic World Studies is a 36 credit hour program designed to prepare graduates to become distinguished researchers on the Islamic world in the United Arab Emirates, the Gulf region and beyond, as this program will be a step towards establishing a Zayed University doctoral program on Islamic world studies. Instruction is in English with some Arabic language components. This program is awaiting final approval.

Objective

The program aims to:

- train experts and researchers in Islamic world studies from the U.A.E. and other countries;
- provide in-depth analysis of the main issues and developments in the Islamic world, based on sound scientific methods, particularly in regard to the complex interactions between political, economic, and security aspects and the interactions between the Islamic societies and external spheres; and
- broaden the academic interest in Islamic world studies, especially in the light of the current extreme importance of Islam in world politics.

Learning Outcomes

Upon successful completion of the program, graduates will:

- understand the most recent and important economic, political, social, and cultural developments in the Islamic world;
- know how to analyze and assess conditions of the Islamic world and its achievement of developmental goals;
- understand the norms and ethical system of the Islamic world;
- understand the obstacles against a fair understanding of the Islamic world, and the methods of overcoming such obstacles;
- understand how to think creatively; and
- know the importance of the commitment to the highest degree of objectivity and avoidance of biases.

Faculty

The graduate program courses are taught by select professors of Zayed University who have doctorate degrees and significant relevant professional

experience and expertise. In addition to Zayed University faculty, professionals holding these qualifications are recruited locally or internationally to deliver all or part of some courses.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. The curriculum of the program consists of the following courses:

- IWS 610 Epistemology and Research Methodology*
 - IWS 615 Turning Points in Modern Islamic History*
 - IWS 620 State Formation in the Islamic World: Comparative Colonialism*
 - IWS 625 Forms of Economic and Social Development in the Islamic World*
 - IWS 630 Islamic Cultures: Anthropological Approaches*
 - IWS 635 Islam and Other Faiths: Patterns of Relationships*
 - IWS 640 Conflict Resolutions in Deeply Divided Muslim Societies*
 - IWS 645 Contemporary Islamic Movements*
 - IWS 650 Politics of Sectarianism in the Islamic World*
 - IWS 655 Women and Gender in Islamic Societies: Comparative Approaches*
 - IWS 699 Thesis*
- *Courses pending final approval*

Course Delivery Format

The program employs proven techniques for imparting training at the graduate level, which include classroom lectures by faculty, scholars, and experts, supplemented by panel discussions, scenarios, simulations, problem solving, and case studies with reference to paramount problems in the Islamic world. Students are trained practically as researchers so that they become capable of understanding the conditions of the Islamic world effectively after they graduate and achieving its comprehensive goals.

Lectures and discourses by eminent scholars and experts are arranged on a broad range of relevant subjects to equip the students with the skills required to improve their understanding of the Islamic world.

The program disseminates knowledge and information about the Islamic world by way of lecturing, and also employs a professional approach to the subject based on the theory and principles of adult education. Lectures are supplemented by small group seminars and workshops which build on the active participation of scholars. Experts in techniques of active learning, such as problem solving, case studies, scenarios, simulations, and panel discussions develop professional skills, which are supported by the foundation of information and knowledge.

The comparative study of historical and contemporary experiences of Islamic countries is an integral parts of all courses. No single course is focused on a single Islamic country. Instead, the study crosscuts all countries and serves to develop ideas on reforming current conditions of the Islamic world.

Admission Requirements

Candidates holding an undergraduate degree in any humanities or social sciences discipline and having reasonable experiences in any Islamic world region may apply to pursue the degree. However, while this program is open to graduates of different disciplines of social sciences and humanities who are interested in studying the social, economic, cultural, and political phenomena in the Islamic world, it caters primarily to two groups of students: qualified adults who, for professional or personal development, would benefit from a deeper and more focused understanding of political, social, economic, cultural and other related issues pertaining to the Islamic world; future researchers and academics who will be conversant with prevailing epistemological, theoretical, and methodological issues in their specific fields of study and who can contribute to a better understanding of key questions of scholarship and policies on Islamic societies.

Applicants must have earned a baccalaureate degree with a grade point average (GPA) of 2.5 or higher from an accredited university. Candidates must score at least 550 on the paper-based TOEFL, or its equivalent on the computer-based or the internet-based TOEFL or IELTS. Graduates will be tested to prove Arabic reading proficiency.

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 the graduate degree.

Institute for Islamic World Studies Master of Arts (M.A.) in Islamic Economics and Wealth Management

Introduction

The Master of Arts in Islamic Economics and

Wealth Management is a 36 credit hour program designed to prepare graduates to become distinguished researchers and senior administrators in the institutions of Islamic finance and wealth management in the United Arab Emirates, the Gulf region and beyond. Instruction will be in English with some Arabic language components. This program is awaiting final approval.

Objective

The program aims to:

- create awareness of the variety of Islamic financial principles and practices;
- provide an intellectually stimulating environment in which students can understand and analyze the Islamic financial system;
- develop the students' ability to apply the knowledge and skills they acquire to solve theoretical and applied problems using the rulings of Islamic jurisprudence; and
- equip students with appropriate tools of analysis to tackle the contemporary issues and problems facing Islamic finance at the international and national levels.

Learning Outcomes

Upon successful completion of the program, graduates will:

- understand the differences between
 - Islamic versus conventional theories of finance;
 - banking systems in western versus oriental experiences;
 - historical versus modern functions of banks;
 - major theories of development in western versus non-western traditions;
- understand financial services and the operations of financial markets, institutions, and systems within Islamic countries and around the globe;
- relate the basic sources of Islamic jurisprudence and different issues of finance and wealth management in contemporary world;
- understand the various types of Islamic economic transactions and banking products;
- appreciate the historical contributions of Islamic economists in dealing with the economic problems of their societies, notably wealth creation and mobilization;
- comprehend the Islamic theory of ownership and its implications on the rights and responsibilities of Muslims when dealing with their wealth; and

- apply research methodologies, relevant quantitative methods, and computing techniques necessary for formal analysis of the above.

Faculty

The graduate program courses are taught by select professors of Zayed University who have doctorate degrees and significant relevant professional experience and expertise. In addition to Zayed University faculty, professionals holding these qualifications are recruited locally or internationally to deliver all or part of some courses.

Curriculum

At the beginning of the program, students take an intensive one-day orientation seminar. The orientation offers a number of workshops to introduce students to the program including Blackboard (virtual classroom software), case study and analysis, library resources, and the writing of reports and reference citations. The curriculum of the program consists of the following courses:

- IEWM 610 Epistemology and Research Methodology*
- IEWM 615 Economics and Islamic Legal Theory*
- IEWM 620 Islamic Economic Perspectives*
- IEWM 625 Economic History of Islamic Societies*
- IEWM 630 Sustainable Development: Theories and Applications*
- IEWM 635 Ownership and Wealth Distribution in Islam*
- IEWM 640 Money and Banking: History and Functions*
- IEWM 645 Financial Markets*
- IEWM 650 Asset Management in Islamic Finance*
- IEWM 655 Risk Management in Islamic Finance*
- IEWM 699 Research Project*

**Courses pending final approval*

Course Delivery Format

The program employs proven techniques for imparting training at the graduate level, which include classroom lectures by faculty, scholars, and experts, supplemented by panel discussions, scenarios, simulations, problem solving and case studies with reference to real problems in Islamic finance and wealth management. Students are trained practically as senior administrators in Islamic financial and wealth management institutions, and as researchers on the subject, so that they become capable of understanding its

current conditions effectively and achieving the program's comprehensive goals.

Lectures and discourses by eminent scholars and experts will be arranged on a broad range of relevant subjects to equip students with the skills required to improve their understanding of the subject.

The program disseminates knowledge and information about Islamic finance and wealth management by way of lecturing, and also employs a professional approach to the subject based on the theory and principles of adult education. Lectures are supplemented by small group seminars and workshops which build on the active participation of scholars. Experts in techniques of active learning, such as problem solving, case studies, scenarios, simulations, and panel discussions develop professional skills, which are supported by the foundation of information and knowledge.

Admission Requirements

Candidates holding an undergraduate degree in any related discipline and having reasonable experiences in the field of Islamic and finance and wealth management may apply to pursue the degree. However, while this program is open to interested graduates of different disciplines of social sciences and humanities, it caters primarily to two groups of students: senior administrators of Islamic finance and wealth management institutions; researchers and academics who will be conversant with prevailing epistemological, theoretical, and methodological issues in their specific fields of study and who can contribute to a better understanding of key questions of scholarship and policies on the subject.

Applicants must have earned a baccalaureate degree with a grade point average (GPA) of 2.5 or higher from an accredited university. The program will be delivered in English with designated Arabic language components. Candidates on this track must score at least 550 on the paper-based TOEFL, or its equivalent on the computer-based or the internet-based TOEFL or IELTS. Graduates will be tested to prove Arabic reading proficiency.

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 the graduate degree.

Research

Zayed University fosters research, scholarship, and creative activity that address the interests, needs, and concerns of the U.A.E., the 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, using their diverse international research experiences, engage contemporary issues of the U.A.E. as the nation undergoes significant economic, social, and cultural change. The faculty also contribute broadly to international scholarship in other significant areas. While faculty remain free to research in any area, since 2010 the Office of Research has encouraged applications for projects that contribute to the strategic goals set by the U.A.E. government. All applications are assessed in relation to their contributions to the seven national strategic priorities:

- Cohesive Society and Preserved Identity
- First-Rate Education System
- World-Class Health Care
- Competitive Knowledge Economy
- Safe Public and Fair Judiciary
- Sustainable Environment and Infrastructure
- Strong Global Standing

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 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. All grants are awarded on a competitive basis.

The Institute for Economic and Social Research is the expansion of an earlier Economic Research Center. The institute conducts research projects on a wide range of economic and social issues relevant to the U.A.E. and the Gulf. Links with the Abu Dhabi Economic Development Council are being forged.

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. 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. 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;
- Community Service by designing free or low-cost programs for the lifelong personal enrichment of citizens of the U.A.E. and by offering volunteer student and faculty services to the community;
- Business Solutions Through Research initiatives 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 include:

- Abu Dhabi Department of Civil Service
- Abu Dhabi Municipality
- Abu Dhabi Police General H.Q.
- 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

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.

Prefix and Name	
ADV	Advising
ARA	Arabic
ART	Art and Design
BIO	Biology
BUS	Business Sciences
CHE	Chemistry
CIT	Information Technology
COL	Colloquy on Integrated Learning
COM	Communication and Media Sciences
ECN	Economics
EDC	Education
EHCA	Health Care Administration
EMPA	Public Administration
ENG	English
HSC	Health Sciences
HSS	Humanities and Social Sciences
ISL	Islamic Studies
MTH	Mathematics
PSY	Psychology

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 010 Beginning English Communication 0 Credits

This course is an integrated language skills class that provides low-level students with a range of language learning experiences organized around everyday topics and content.

Students will learn to write basic sentence patterns, read texts of approximately 150 words, listen to conversations and talks of approximately 3 minutes, and engage in short conversations on familiar topics. They will study the first 500 most frequent words in English and basic grammar structures to support simple communication. Students will also receive training in study skills.

ENG 020 Basic English Communication 0 Credits

This course is an integrated language skills class that provides false-beginners with a range of language learning experiences organized around familiar topics and content. Students will 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 will study the first 1000 most frequent words in English and basic grammar structures to support basic communication. Students will also receive training in study skills.

ENG 030 Developing English Communication 0 Credits

This course is an integrated language skills class that provides low-intermediate students with a range of language learning experiences organized around societal topics and content. Students will 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 will study the first 1500 most frequent words in English and intermediate grammar structures to support short yet cohesive communication. Students will also receive training in study skills and basic information literacy.

ENG 040 Academic English Communication 0 Credits

This course is an integrated language skills class that provides intermediate students with a range of language learning experiences organized around academic topics and content. Students will learn to write basic essays of 4 or more paragraphs, read texts of approximately 600 words, understand aural texts of approximately 8 minutes, and participate in medium-length group discussions and presentations on academic topics. They will study the first 2000 most frequent words in English and advanced grammar structures to support extended, cohesive communication. Students will also receive IELTS test preparation and training in study skills and information literacy.

COL 030A Arabic Preparedness Level I 0 Credits

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 COL130.

COL 030B Arabic Preparedness Level II 0 Credits

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 201 Advising 0 Credits

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 ZU 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 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 II 3 Credits

This course aims at developing students' reading and writing skills in the fields of media: advertising, sales promotion, marketing, and public relations. Students develop the ability to convey clear messages that can be adapted to all needs of various forms of media and meet expectations of target audiences. Students are trained to read, evaluate, discuss, analyze, and critique various published materials in Arabic newspapers and magazines. Emphasis is placed on enhancing the skills of rewriting and summarizing the read texts. To achieve these objectives, advanced proficiency in Arabic is stressed. 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 II 3 Credits

Advanced course of writing for multi-platform media in Arabic. Focus on professional media writing in specialized contexts, such as feature writing, writing for television, radio, online, public affairs and promotional writing.
Prerequisite: 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 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.
Prerequisites: COL 130, 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 120 Art Appreciation 3 Credits

The course introduces students to the basic concepts and vocabulary of visual art and design (sculpture, painting, architecture, ceramics, textile arts, and printmaking)

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.

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 1500 to the present age.

Prerequisite: ART 220

ART 223AL Arabic Lab I

1 Credit

Arabic Lab for ART 223 Arts of the Modern World.

Corequisite: ART 223

Prerequisite: 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 287 Basics of Interior Design

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 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.

Prerequisite: ART 205

ART 311 Drawing for Designers

3 Credits

Students are provided with different methods for illustration and with drawing techniques for designers from different disciplines. Students explore methods for drawing space, products, automotives, architectural elements, and 3D artifacts such as jewelry and furniture. The course concentrates on the design process from initial concept sketches through presentation drawings and visualizations. The course will enable students to efficiently communicate their designs to their prospective clients and build professional portfolios.

Prerequisites: ART 201, 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.

Prerequisite: 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.

Prerequisite: 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 narrative. 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.

Prerequisite: 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.

Prerequisite: 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.

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.

Prerequisite: 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.

Prerequisites: ART 220 and ART 223 or enrollment in Emirati Studies

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.
Prerequisites: ART 220 and ART 223 or enrollment in Emirati Studies

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.
Prerequisites: ART 120 (or ART 220), ART 223

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.
Prerequisite: 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 I
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.
Prerequisite: 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.
Prerequisites: ART 287, ART 336

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.
Prerequisite: ART 201 (or ART 205 or instructor's permission)

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.
Prerequisite: ART 340 (or instructor's permission)

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.
Prerequisite: ART 201 (or ART 205 or instructor's permission)

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.
Prerequisite: ART 345

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.
Prerequisites: ART 201, ART 205, 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.
Prerequisites: ART 251, 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.
Prerequisite: 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.

Prerequisite: 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.

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.

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.

Prerequisite: ART 201 (or ART 205 or instructor's permission)

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.

Prerequisite: 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.

Prerequisite: ART 360

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.

Prerequisites: 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.

Prerequisite: ART 251 (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.

Prerequisite: ART 251 (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.

Prerequisites: ART 375, ART 376

ART 379 Computer-Aided Design (CAD) for Interior Designers

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.

Prerequisite: ART 287

ART 385 Interior Design Studio II

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.

Prerequisite: 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.

Prerequisite: ART 287

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.

Prerequisite: 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.

ART 405AL Arabic Lab II

1 Credit

Arabic Lab to accompany ART 405.

Corequisite: ART 405

Prerequisite: ART 223

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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: ART 310

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.

Prerequisites: 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.

Prerequisites: ART 220 and ART 223 or instructor's permission or enrollment in Emirati Studies

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.

Prerequisites: ART 220 and ART 223 or instructor's permission

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.

Prerequisites: ART 220 and ART 223 or instructor's permission

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.

Prerequisites: ART 220 and ART 223 or instructor's permission

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.

Prerequisites: ART 220 and ART 223 or instructor's permission

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.

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.

Prerequisite: 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.

Prerequisites: ART 241, ART 351, 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.

Prerequisite: ART 251

ART 453 Portfolio Design

3 Credits

This course will help students develop a professional design portfolio that reflects their competence to enter the professional world. Students will produce a traditional print portfolio as well as develop an electronic portfolio, self-promotional, and collateral materials, with emphasis on production, visual, and verbal presentation skills.

Prerequisites: ART 251, ART 351, ART 352

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.

Prerequisite: 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.

Prerequisite: ART 357 or instructor's permission

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.

Prerequisite: ART 363

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.

Prerequisite: 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.

Prerequisite: ART 375 (or ART 379)

ART 486 Interior Design Studio III

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.

Prerequisite: ART 385

ART 489 Interior Design Studio IV

3 Credits

The aim of this course is to give students an in-depth study of the different methods of construction and a study of materials. The understanding of construction methods would help students visualize and design buildable and practical projects and be able to communicate with interior contractors in the professional world.

Prerequisite: ART 486

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 491 Interior Design Methods of Construction

3 Credits

The aim of this course is to give students an in-depth study of the different methods of construction and a study of materials. The understanding of construction methods helps students to visualize and design buildable and practical projects, and to communicate with interior contractors in the professional world.

Prerequisite: ART 385

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 department chair'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.

Prerequisites: ART 405, ART 490

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 101 Biological Concepts I

3 Credits

Introduces the molecular processes that define the cellular basis of biology. Focuses on cellular structures and function including the molecular basis of inheritance. Ethical issues in cellular biology are considered.

Corequisite: BIO 101L

BIO 101L Laboratory Component for BIO 101

1 Credit

This course is a required lab component for BIO 101.

Corequisite: BIO 101

BIO 102 Biological Concepts II

3 Credits

Covers ecology, evolution, genetics and diversity. Integrated study of microbes, plants and animals, with a focus on biological diversity and interdependence of life and environment.

Corequisite: BIO 102 L

BIO 102L Laboratory Component for BIO 102

1 Credit

This course is a required lab component for BIO 102.

Corequisite: BIO 102

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.

Corequisite: BIO 321L

Prerequisite: BIO 101

BIO 321L Laboratory Component for BIO 321

1 Credit

This course is a required lab component for BIO 321.

Corequisite: BIO 321

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.

Corequisite: BIO 372L

Prerequisites: BIO 101, CHE 101

BIO 372L Laboratory Component for BIO 372

1 Credit

This course is a required lab component for BIO 372.

Corequisite: BIO 372

BUS 200 The Legal and Ethical Environment of Business

3 Credits

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.

BUS 202 Financial Accounting

4 Credits

Introductory unit in accounting. Encompasses three main themes: outlining the components of financial reporting in terms of the underlying theory or "conceptual framework" of accounting; providing students with a structured framework to assist them in attaining the literacy skills demanded in their academic lives and as part of their professional careers; and providing students with technical skills of accounting including the analysis, recording, preparation, and interpretation of accounting information.

BUS 203 Managerial Accounting

4 Credits

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.

Prerequisite: 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.

Corequisite: BUS 207AL

Prerequisite: COL 240

BUS 207AL Arabic Lab I

1 Credit

Arabic component of BUS 207 Business Communications.

Corequisite: 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.

Prerequisite: COL 111 (or MTH 103)

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.

Prerequisite: 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. 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.

Prerequisites: BUS 203, BUS 209, BUS 309

BUS 301 Management of People in Organizations

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.

Prerequisites: BUS 207, BUS 309

BUS 306 Management Information Systems

3 Credits

Provides an introduction to data processing concepts and introduces students to management information systems. Students gain an appreciation of management information systems using business software applications such as Excel and Access. Topics are selected from the areas of business, information technology, and communications.

BUS 308 Introduction to Finance

3 Credits

Introduction to corporate financial management focusing on basic concepts, techniques, and practices. Topics include financial institutions and markets, interest rates, cash flow, financial statement analysis, time value of money, risk and return, stock and bond valuation, cost of capital, capital budgeting, long-term financing, dividends, financial planning, and working capital management.

Prerequisites: 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.

Prerequisite: BUS 203

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.

Prerequisite: BUS 311

BUS 324 Small Business Management

3 Credits

Examines the fundamentals of entrepreneurship and small business operations. Focuses 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. This course may not substitute for any required business course.

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.

Prerequisite: BUS 309

BUS 395 Independent Study

1 TO 3 Credits

Directed research and/or study on an individual basis.

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.

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.

Prerequisite: BUS 309

BUS 402 Strategic Management

4 Credits

Examines theories of management strategy and research into strategic approaches, decision making and action. Particularly important in this course is a discussion of strategic approaches in the international business environment, especially within the context of new information and communication technologies. Course aims to equip students with a critical appreciation of strategic management issues, and to enable them to critically evaluate strategic responses to the changing business environment.

Prerequisites: BUS 401, BUS 417

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.

Corequisite: BUS 407AL

Prerequisite: BUS 207 (or CIT 300)

BUS 407AL Arabic Lab II

1 Credit

Arabic component of BUS 407 Language in the Workplace.

Corequisite: BUS 407

Prerequisite: BUS 207AL

BUS 413 Accounting Information Systems

3 Credits

Addresses the role of accounting, accountants, and information technology within organizations. The course focuses on understanding the activities, processes, and information needs of organization stakeholders. Integrated accounting software is also used in the course to enable students to learn how computers are used in today's accounting environment.

Prerequisite: BUS 202

BUS 416 Auditing

3 Credits

Examines the theory and practice of modern external and internal auditing. Topics include the profession of auditing, ethical standards in auditing, the legal environment in which auditing takes place, risk analysis in auditing (inherent risk, control risk, detection risk), and the study 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.

Prerequisite: BUS 311

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.
Prerequisite: BUS 207 (or CIT 300)

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.
Prerequisite: BUS 308

BUS 422 Financial Markets
3 Credits
Focuses on functions and development of financial markets, debt, equity and derivative security markets, efficient capital markets, and international markets.
Prerequisite: BUS 308

BUS 424 Investments
3 Credits
Covers investment markets, investment information, risk and return, stocks, bonds, preferred stock and convertible securities, options, commodities and financial futures, mutual funds, real estate and other tangible investments, taxes and investing, international investments, and portfolios.
Prerequisite: BUS 308

BUS 425 Commercial Banking
3 Credits
Focuses on commercial bank asset/liability management, intermediation, central banks, money creation, determinants of interest rates, bank regulation, and global banking.
Prerequisite: BUS 308

BUS 432 Promotion Management
3 Credits
A broad based overview of major concepts and techniques of promotion strategy and management. Topics may include advertising, sales promotion, public relations, direct marketing, personal selling, and interactive electronic media. Course work helps students to develop skills in research, setting promotional objectives, developing strategy, budget planning, and measuring promotion effectiveness.
Prerequisite: BUS 310

BUS 433 E-Marketing and Commerce
3 Credits
Students study the Internet and its commercial applications, and learn how to run a profitable business on the Net.
Prerequisite: BUS 310

BUS 434 International Marketing
3 Credits
International marketing is one of the most interesting topics within business: students have the opportunity to learn how to do business around the world and how to achieve business success in a global world.
Prerequisite: BUS 310

BUS 435 Consumer Behavior
3 Credits
Examines the different ways people make purchasing decisions and the various social, cultural and psychological factors that influence their decisions. Students gain an understanding of how to market goods and services more effectively. Special attention is paid to consumer behavior in the U.A.E.
Prerequisite: BUS 310

BUS 442 Database Management
3 Credits
Introduction to the fundamentals of database management systems (DBMS). Focuses on the analysis, design and implementation of databases. Particular emphasis is placed on database modeling, database design, database implementation, and data dictionaries. Students use Microsoft Access and/or Oracle as the implementing technologies.
Prerequisite: BUS 306

BUS 443 Business Systems Analysis and Design
3 Credits
Examines systems development concepts, methods, and tools covering the systems lifecycle, from requirements specification to structured and object-oriented techniques, including alternative systems-building approaches, and using appropriate CASE tools.

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.
Prerequisite: BUS 301

BUS 452 HR Development and Performance
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.
Prerequisite: BUS 301

BUS 453 Entrepreneurship
3 Credits
Examines entrepreneurship and enterprise development. Particular emphasis is given to the start-up and management of small to medium sized businesses. Primary objective of the course is to develop an understanding of what successful new enterprise development entails and how it can be achieved. As part of the course requirements, students develop a comprehensive business plan in a venture of their choice.

BUS 454 International Management
3 Credits
Focuses on managing business in a global environment. Examines how management is affected by key environmental factors such as international politics, cultural differences, and the expectation of corporate social responsibility. Provides students with up-to-date coverage of contemporary international managerial issues, a look at different types of international business activities, and an understanding of how international firms are organized to achieve their strategic goals. Students are exposed to hands-on experience in problem solving, decision making and case analysis to enhance their analytical and team membership skills.
Prerequisite: BUS 309

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.
Prerequisite: BUS 301

BUS 456 Management of Employee Relations
3 Credits
Examines the nature of conflict within organizations, particularly between labor (whether organized or not) and employers. Examines the role of the HR function in the process of establishing productive relationships between employees and employers.
Prerequisite: BUS 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.
Prerequisites: BUS 401, BUS 417

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.
Prerequisites: BUS 401, BUS 417

CHE 101 General Chemistry I
3 Credits
Basic principles of measurement and the scientific method, stoichiometry and reactions, gases, thermochemistry, atomic structure and periodicity, and bonding. Various conceptual examples, numerous problem solving exercises, and recommended outside reading material is included.
Corequisite: CHE 101L

CHE 101L Laboratory Component for CHE 101
1 Credit
This course is a required lab component for CHE101.
Corequisite: CHE 101

CHE 331 Biochemistry
3 Credits
Introduces selected principles and applications relating to biologically important molecules, reactions and metabolic pathways. Reference will be made to the biochemical basis of disease and the use of biochemical tools in diagnosis and treatment.
Corequisite: CHE 331L
Prerequisite: CHE 101

CHE 331L Laboratory Component for CHE 331
1 Credit
This course is a required lab component for CHE 331.
Corequisite: CHE 331

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 and programming environments with Visual Basic as the focus. Students learn how to identify and formulate algorithmic 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.
Prerequisite: CIT 210

CIT 245 Web Development
3 Credits
Introduction to the role of the World Wide Web and Internet technology used in modern business practices. Topics include: history of the Internet and the Web, network configuration, Internet infrastructure and security, Web management. Topics in Web programming include: Web page conformance (SGML), Web page design and creation using HTML, applets, Dynamic HTML and XML.
Prerequisite: CIT 210

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.
Prerequisite: CIT 210

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 Writing
3 Credits
Provides an overview of the technical writing process and distinguishes technical writing for the IT discipline from other forms of writing. It introduces the fundamentals of planning, drafting and editing technical texts.
Corequisite: CIT 301
Prerequisite: COL 240

CIT 301 Technical Writing (Arabic)
2 Credits
Arabic companion for CIT 300 Technical Writing.
Corequisite: CIT 300

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 Islamic societies. Topics include ethical and legal issues, cultural changes, and the use of technology to support education, business, communications, and government. College permission required.
Corequisite: CIT 306 (except for students in the joint IT and Education program)

CIT 306 IT in Global and Local Cultures (Arabic)
2 Credits
Arabic companion course for CIT 305 IT in Global and Local Cultures.
Corequisite: CIT 305

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.

Prerequisite: CIT 210

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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: CIT 235

CIT 335 Information Security Technologies

3 Credits

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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: CIT 255

CIT 360 Management of Information Systems

3 Credits

This course provides an understanding of organizational systems, planning, and decision processes, and how information is used for decision support in organizations. Topics include systems theory and concepts, information systems and organizational systems, and decision theory.

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).

Prerequisite: CIT 360

CIT 362 IT in Logistics and 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) affect the practices of logistics and supply chain management.

Prerequisite: CIT 360

CIT 365 Database Systems

3 Credits

Fundamental concepts of current database systems are covered, with emphasis on the relational data models. Other topics include database modeling, operations in the relational model, database language SQL, constraints in SQL, system aspects of SQL, and object-oriented query languages. Design principles and deployment strategies of Internet database also are discussed. Project work involves a modern DBMS (Oracle), using SQL.

Prerequisite: CIT 210

CIT 371 Mobile Computing

3 Credits

This course will cover 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.

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.
Prerequisite: CIT 360

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.

CIT 377 IT Project Management
3 Credits

This senior course covers the fundamental elements of planning, managing and controlling IT projects in the U.A.E. The concepts are reinforced with practical in-class exercises and graded assignments. The topics include the tools and techniques required to initiate, plan, implement and closeout IT projects.

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.
Prerequisite: CIT 360

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.
Prerequisite: CIT 360

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.
Prerequisite: CIT 235

CIT 440 Enterprise Web Applications
3 Credits

This course examines the technical, application, and enterprise layers of Web-based systems. Technical aspects include the technologies and principles of Website operation and management. Topics in the application layer include Web document design, and development practices and standards. At the enterprise level, e-business models, electronic transactions, and social, legal, and ethical issues are addressed.
Prerequisite: CIT 245

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.
Prerequisite: CIT 255

CIT 460 Systems Analysis/Design/Implementation
3 Credits

This course provides an understanding of the system development and modification process. Topics include: life cycle phases; communication and interpersonal skills; group dynamics; risk and feasibility analysis; project management, analysis, design and implementation methodologies, quality metrics and software package evaluation and acquisition.

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.
Prerequisite: CIT 361

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.
Prerequisite: CIT 360

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.
Prerequisite: CIT 361

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.
Prerequisite: CIT 365

CIT 475 IT Systems Development

3 Credits

This course provides a study of software life cycle processes, including both practical and theoretical issues. The topics include systems analysis, requirements specification, software design, implementation, software quality assurance, testing, and maintenance.
Prerequisite: CIT 320

CIT 490 Internship

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.

CIT 492 IT Infrastructure - Emerging Technologies

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. As is the nature of IT and its emerging technologies, topics covered in this course will vary from year to year.

CIT 495 Independent Study

4 Credits

The purpose of this course is to provide the student with an opportunity for an independent study of an information technology topic beyond what is covered in existing courses and in more depth than level 200/300 independent study courses.

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.

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.

COL 110 Mathematical Modeling with Data

3 Credits

Students will organize, analyze and present information obtained from data using spreadsheet software.

*Prerequisite: COL 111***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 in business, computer science, education and science. Excel and Maple are used extensively throughout the course.

COL 120 Colloquium

3 Credits

As the first semester course in the Colloquy on Integrated Learning, COL 120 systematically introduces students to the University and its disciplines. The course is thematically organized so as to demonstrate the ways in which each discipline generates knowledge and solves problems.

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 to write critical essays, reflective writings, meaningful summaries, reports, and research papers. Students will also develop critical acumen, and a deeper understanding of text nuances and aesthetics.

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 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.

Prerequisite: 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 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.

Prerequisite: COL 140

COL 150 Global Awareness I: Emerging Civilizations

3 Credits

In the first course of the Global Awareness sequence, students will study two ancient civilizations, including Greece or Rome and China or India. With primary source material to highlight economic, political, literary, and visual expressions of key figures in the Ancient World, students will develop an understanding of the issues of social and political identity that demanded attention and captured the imagination of those living in what have been deemed great civilizations.

COL 155 Global Awareness II: Imperial Encounters

3 Credits

This course provides a comparative examination of imperial states that took shape between the 13th and 19th centuries in various parts of the world including the Americas, Africa, and Eurasia. Each empire will be examined in the context of four different themes: origins and state power; social, cultural and/or scientific developments; trade and economy; and art and architecture. The course will provide students with an understanding of the social, political, and economic dynamics that led to the rise and power of such empires as well as to the subsequent decline of those empires.

Prerequisite: COL 150

COL 165 The Nature of Science Discovery

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 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.

Prerequisite: COL 135

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.

Prerequisite: COL 145

COL 250 Global Awareness III: The Twentieth Century and Globalization

3 Credits

This course explores five interrelated topics to understand forces that shaped the world today: the evolution of scientific and technological knowledge; the increasing economic interdependence across all regions of the world; the ideas that have broadly contributed to models of social and political organization; the evolution of international relations; and major cultural trends and social debates in the arts, literature, and music.

Prerequisite: COL 155

COL 260 Environmental Science

3 Credits

This introductory course to environmental science gives students the background necessary to understand the complex environmental problems facing the U.A.E. and the world. The course explores the scientific basis of environmental problems as well as the economic and social issues that influence the solutions to these problems.

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. Every 21st century citizen—and every ZU student—should have a basic competency in computing, including for example, how to effectively use application packages and the Internet. Throughout the course, critical thinking and problem solving skills will be developed. The course aims to explain to students the principles of information and communication technology and the impact of them 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.

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 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
1 Credit
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 new media composition as well as the cultural factors which shape new media communications. Students will use the tools of digital storytelling, including a variety of interactive digital media technologies, to produce strategies and online presentations of journalistic content.

COM 311 Zayed Media Lab I
1 Credit
Introductory professional practicum. Will involve supervised work for campus media or special projects for major areas such as converged media, visual media, integrated strategic communications and tourism & cultural communications.

COM 312 Zayed Media Lab II
1 Credit
Advanced professional practicum. Will involve supervised work for campus media or special projects for major areas such as converged media, visual media, integrated strategic communications and tourism & cultural communications.
Prerequisite: COM 311

COM315 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.
Prerequisite: 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
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.
Prerequisite: COM 315

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 337 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 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.
Prerequisite: 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.

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.

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 enterprises 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 be 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 373 Planning and Promotion for Events and Festivals

3 credit hours

This course 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 of the event or festival as a project.

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.

Prerequisites: 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 384 Media Technologies from Gutenberg to the Internet and Beyond

3 Credits

A broad historical survey of media technologies and their social implications. Goal is to develop an understanding of how economic, social and political (world & local) factors transform communication media and institutions.

COM 421 Writing, Producing, and Directing Film and Video

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 UAE and abroad and which will be a key part of their portfolio.

Prerequisites: COM 315, COM 321

COM 422 Special Topics in Visual Communications

3 Credits

Provides opportunities for the study of selected special topics in visual communications. May include such short form media as public service announcements, commercials, music videos, and short narrative films.

Prerequisite: Instructor's permission

COM 441 Communication and Media Law

1 Credit

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.

Prerequisites: COM 351, COM 352, COM 353

COM 452 Special Topics in Integrated Strategic Communications

3 Credits

Provides opportunities for the study of selected special topics, issues and current affairs in communication as related to Integrated Strategic Communications.

Prerequisite: Instructor's permission

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

Prerequisites: COM 321, COM 421

COM 474 Special Topics in Tourism and Cultural Communications

3 Credits

Provides opportunities for the study of selected special topics, issues and current affairs in communication as related to tourism, heritage, events and festivals.

Prerequisite: Instructor's permission

COM 481 Advanced Converged Media

3 Credits

Theory and practice of reporting, editing and producing material for publication or broad-cast in a converged environment. Students produce multimedia reports for traditional and converged media operations.

Prerequisites: COM 318 (or COM 319 or COM 321), COM 309 (or COM 380), COM 303 (or COM 315)

COM 485 Special Topics in Converged Media

3 Credits

Provides opportunities for the study of selected topics, issues and current affairs in converged media.

Prerequisite: Instructor's permission

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.

Prerequisite: 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.

Prerequisite: Permission of College Associate/Assistant Dean.

ECN 201 Foundations of Microeconomics

2 Credits

Introduces students to trade-offs that must occur in daily socio-economic transactions in order to allocate scarce resources.

Prerequisites: COL 110 and COL 111 (or MTH 103)

ECN 202 Understanding Macroeconomics

2 Credits

Considers economy-wide issues in the U.A.E. and globally, for non-economic specialists.

Prerequisites: 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.

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 Western societies, with emphasis on cultural and social factors.

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 adolescence, 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 various approaches to the creation of quality learning environments and the use of 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 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 U.A.E. 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 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 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

2 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 341AL Arabic Lab: Learning English in Schools

1 Credit

Arabic component of EDC 341 Learning English in Schools.

Corequisite: EDC 341

EDC 350 Education Studies I: The Learner

3 Credits

Aspects of the learner-centered classroom including student motivation, planning the learning environment, catering for diverse learning styles, and establishing inquiry-based activities to enhance critical thinking are studied.

Prerequisite: EDC 202, EDC 324

EDC 350A Practicum I

1 Credit

Practicum I focuses on providing students with opportunities to observe children and school communities and relate their observations to the study of human learning, which is the focus of EDC 350.

Prerequisite: EDC 350

EDC 351 Education Studies II: Instructional Strategies

3 Credits

Study of teaching in relation to learners and professional responsibilities and obligations. Contemporary issues affecting the classroom teacher in the U.A.E. serve as the specific focus. Practicum provides students the opportunity to integrate theory and practice through working with learners and teachers in classrooms.

EDC 351A Practicum II

2 Credits

Practicum II consists of supervised experiences in a school setting. Students have the opportunity to teach and learn, and to engage in planning individual, small group and whole class interactions.

EDC 352 Arabic Lab: Early Childhood Mathematics and Science I

3 Credits

Foundational concepts, process skills, alternative ideas, research, and the integration of math and science with other subjects, including literacy essential to the learning and teaching of math and science to young students.

EDC 352AL Early Childhood Mathematics and Science I

1 Credit

This experience in Arabic concentrates on the vocabulary, skills, and content required to teach math and science in Arabic.

Corequisite: EDC 352

EDC 353 Assessment in the Content Area

3 Credits

Current theories, issues and approaches in assessment in the U.A.E. are explored, focusing on the development of appropriate student assessment policies and procedures for the preparatory classroom. Critical analysis of student assessment and policies.

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 materials and how to develop materials to meet the learning needs of students they will have in classes.

Prerequisites: EDC 354, EDC 341

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 and learn to interpret standardized test results typical in schools.

EDC 368 Communicative Competence in Arabic

2 Credits

This course studies current pedagogical practices that teachers can use to develop students' literary skills in Arabic. In addition, prospective teachers develop their own communicative competence in Arabic. With increasing emphasis on reading and writing competence, prospective teachers study principles and practice of development and using modern Arabic in a variety of contexts.

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. 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 393AL Arabic Lab: Teaching Mathematics

1 Credit

This experience in Arabic will focus on the content, vocabulary, and skills teachers need to teach mathematics in Arabic.

Corequisite: EDC 393

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, measurements, methods of counting, 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 teaching computer technology as a school subject. Basic computer skills are enhanced through examination of practical applications in school settings. Learning theories and how they relate to computer technology learning and use are explored, as well as the potential of technology to enhance teaching and learning.

EDC 407 Adult Education

3 Credits

Examines the philosophy and key theories of adult education, including the role of adult educator, setting of appropriate learning outcomes, 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 develop the student's understanding of the influence of family, school, the community and other social and political institutions on the child's development from a global and local perspective. The course is designed to assist students in developing professional-family relationships that are meaningful, cooperative, and productive. This course will address the need to provide families with supportive services and guidance to community resources.

EDC 432 Professional and Ethical Issues

3 Credits

This course will introduce students to the profession of school social work and what it means to act professionally and ethically. Students will 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.

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. On-campus course time is combined with extensive off-campus supervised experiences in schools

Prerequisite: EDC 351

EDC 450A Practicum III

2 Credits

Practicum III continues a program of supervised observation and interaction in a school setting and provides opportunities for students to observe mentors, children and school communities, and to engage in planning, teaching and assessment in small group and whole class contexts. Students will also critically reflect on their teaching practice.

EDC 452 Early Childhood Mathematics and Science II

3 Credits

Study of the teaching of mathematics and science to young learners is continued. Standards, alignment of content, and teaching strategies are emphasized.

Prerequisites: EDC 351, EDC 352

EDC 453 Teaching Science

3 Credits

Foundational concepts of teaching science, process skills, misconceptions, research, and the integration of science with other subjects, including literacy. Students will develop skills in the teaching of science.

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 content areas. Students are encouraged to develop critical perspectives about the uses of technology for education.

EDC 465 Teaching Students with Special Needs

3 Credits

This course examines the realities involved in teaching children with special needs in special and inclusive classrooms. Students explore the range of learning needs they have found in their practicum experiences.

Prerequisites: EDC 324, EDC 450

EDC 466 Behavior and Social Development in 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 health child and youth development.

EDC 472 Teaching English Language Learners

3 Credits

This course develops the decision-making teaching skills needed to work with English language learners in all grades and to deliver instruction in the areas of listening, speaking, reading, and writing appropriate to the levels and abilities of students.

EDC 473 Teaching Reading and Writing

4 Credits

Builds on and extends the knowledge base and understanding of how children and youth learn to read and write. A central tenet of the course is that the best teachers of literacy are themselves active and engaged readers and writers.

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 Student Teaching also includes a project or research component to be determined based on student area of specialization and interest.

Prerequisite: Completion of the courses specified for the first seven semesters of the eight-semester plan

EDC 492 Internship

3 Credits

The Internship consists of seminars and supervised services in a school or community setting. Responsibilities include individual and group services under supervision. The Internship also includes a project or research component to be determined based on student area of specialization and interest.

Prerequisite: Completion of the courses specified for the first seven semesters of the eight-semester plan

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. Supervision by faculty member.

EDC 497 Special Topics in Education

3 Credits

Consideration of important, current topics relevant to education in the U.A.E. May take different formats, depending on the topic.

HSC 205 Principles of Nutrition

3 Credits

Examines human nutritional needs, the food sources of required nutrients, meal planning modes, management and the safe keeping of food to ensure that families' nutritional needs are met.

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 Public Health and Community Nutrition

3 Credits

Examines food and nutrition related problems in the community. The role of the community nutritionist in helping individuals, families and communities to solve nutrition problems is explored in theory and through short work placements.

HSC 316AL Arabic Lab

1 Credit

Arabic Lab for HSC 316 Public Health and Community Nutrition.

Corequisite: HSC 316

HSC 317 Sensory Evaluation of Foods

3 Credits

Introduces recent developments in food ingredient uses and in food preparation techniques. An experimental approach to solving food preparation problems is explored, with an emphasis on the sensory evaluation of foods.

HSC 318 Food Science

3 Credits

The scientific study of 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.

3 Credits

HSC 323 Food Sanitation and Hygiene

3 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.

HSC 326 Introduction to Food Laws and Regulations

3 Credits

Examines the governmental policies that impact the U.A.E. food supply. Specific topics to be covered include the regulations affecting food distribution, sale, and commercial preparation. The focus is on consumer safety.

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.

HSC 331 Physics in Health Sciences
3 Credits
Introduces selected physical principles relating to an understanding of common aspects of risk, i.e. in the health, safety, accident context, and explores the strong link between basic physics concepts and selected biomedical applications.
Prerequisites: COL 111, COL 260

HSC 331L Lab Component for HSC 331
1 Credit
This course is a required lab component for HSC 331.
Corequisite: HSC 331

HSC 350 Health Promotion and Health Education
3 Credits
An interdisciplinary course examining ways in which societies attempt to enhance and promote health in the workplace, home, media, education and other environments, while assessing critically the related challenges and risks to health. It examines how sociocultural, economic, political and educational factors influence health in communities, and how such knowledge is utilized to create intervention programs. Each student identifies a specific health issue, and develops a specific health promotion initiative.

HSC 350AL Arabic Lab II
1 Credit
Arabic Lab for HSC 350 Health Promotion & Health Education.
Corequisite: HSC 350

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 epidemiological can be used 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 Patterns of Health, Disease, and Injury
3 Credits
This course is designed to develop the knowledge and skills introduced in HSC 366 relating to the number and distribution of diseases and injury, the determinants of major diseases and injury, giving emphasis to the use of epidemiological tools in analysis and policy options for prevention.
Prerequisite: HSC 366

HSC 375 Health and Behavior
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.
Prerequisites: HSC 350, PSY 212

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 403 Practicum in Health Sciences
3 Credits
Practical experience opportunity for students to work in sectors associated with health sciences prior to the internship.

HSC 412 Advanced Human Nutrition
3 Credits
An introduction to the problem of food and nutritional diseases from a clinical and public health perspective, and the relationship between the causes of the problem and the programs designed to solve them. Principles of nutritional intervention for therapy and prevention are discussed, with emphasis on the health sector's role.

HSC 422 Nutrition Education and Wellness Counseling
3 Credits
Application of counseling and learning theories with individuals and groups in community and clinical settings. Includes discussion and experience in building rapport, data assessment and interpretation, selecting learning activities, evaluation, and documentation.

HSC 440 Clinical Nutrition
3 Credits
A continuation of medical nutrition therapy topics introduced in Advanced Human Nutrition. A case study approach will explore selected disease states. Students will learn to apply the nutrition care process—assessment, diagnosis, intervention, and evaluation—in treatment of disease.
Prerequisite: HSC 412

HSC 450 Planning and Evaluation in Health Promotion and Health Education
3 Credits
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.
Prerequisite: HSC 350

HSC 466 Research Methods in Health Sciences
3 Credits
This course provides an introduction methodologies used in the Health Sciences. 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 468 Health and Social Policy
3 Credits
A comparative study of different countries to provide an understanding of how policy across a variety of sectors affects health in communities. It also considers how alternative systems of finance and management are applied in health-related organizations and examines their consequences and effectiveness. Students undertake policy analyses in relation to health issues, and examples are drawn from, for example, social security, education, health, housing and community care.

HSC 469 Settings for Health Education and Health Promotion
3 Credits
This course builds on students' knowledge and skills in health education and health promotion. It focuses on how health and ill health is influenced by particular living and working environments, and how this knowledge is used to inform and refine policies and programs so they are more effective and efficient.
Prerequisite: HSC 350

HSC 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.
Prerequisite: CHE 101

HSC 471 Monitoring and Risk Assessment

3 Credits

This course involves the study of hazard assessment, dose-response assessment, exposure assessment, risk characterization, and uncertainty analysis. Case studies will illustrate the assessment process, convey the complexity of risk assessment and the challenge of data collection, analysis and modeling.

Prerequisite: HSC 367

HSC 475 Quantitative Exposure Assessment for the Health Sciences

3 Credits

After an introduction to topics of exposure assessments and analysis, a series of experiments introduce students to various equipment and instruments used to quantify contaminants from various exposure media like air and water samples.

Prerequisite: HSC 367

HSC 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.

Prerequisite: HSC 367

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.

Corequisite: 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 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.

Corequisite: 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 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 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 282 Film and Literature

3 Credits

Moving pictures depicted on film have become an enormous force in the history of our time. Basic to most great films is a gripping narrative, often a story familiar to readers of literature. This course connects superb literature and wonderful films in an effort to understand their relationship and the beauty of each art form.

HSS 293 Drama

3 Credits

Contemporary cultures still read and perform plays written by the ancient Greeks. Those plays and the plays created in the twenty-five subsequent centuries dramatically illustrate the power of language and the universality of communication. Through readings, discussions, and performance, students enlarge their own effectiveness in language and communication as they engage substantial dramatic texts.

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 323 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 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.

- a) Europe
- b) Americas
- c) Middle East
- d) Africa
- e) East Asia
- f) South & South East Asia

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.

Prerequisites: HSS 251, HSS 252, HSS 261

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.
Prerequisites: HSS 251, HSS 252, HSS 261

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 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 371 Organizational Behavior
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 are discussed.

HSS 372 Modern and Contemporary Literature
3 Credits

Students read fiction, poetry, and drama from the modern and contemporary periods. Students study the aesthetic attributes of major authors. Cultural significance, historical context, and philosophical concerns receive attention as students explore how literature, and the other arts, dramatically changed in and around the twentieth century. Moreover, they learn how modern and contemporary writers maintain the traditions of classicism, romanticism, and realism in the twentieth century.

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 375 The Novel

3 Credits

Noting the formal characteristics and the enduring popularity of the novel, students read exemplary novels. By studying several examples placed within a critical framework, students consider form, content, style, contexts and periods.

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 UAE, 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 UAE 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.

Prerequisite: 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 UAE 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.

Corequisite: 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.

Prerequisite: HSS 201

HSS 421 Policy Case Study I

3 Credits

This course focuses on heritage and cultural tourism as it is implemented in the UAE. 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.

- a) Europe
- b) Americas
- c) Middle East
- d) Africa
- e) East Asia
- f) South and South East Asia

HSS 461 Classical Literature

3 Credits

Students encounter literature written throughout the world before 100 CE. They enlarge their appreciation of ancient cultures and discover the inspiration for subsequent literature.

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 472 World Poetry

3 Credits

This course explores the rich array of poetry from a variety of world cultures. Superb translations ensure a global perspective. Students gain an invaluable insight to the influences felt by every writer of stature.

HSS 479 World Fiction

3 Credits

This survey of fiction from around the world and from different time periods concentrates on short works but recognizes as well the special power of the novel. Students read fiction as a way of learning about the culture that produced the work.

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.

Prerequisite: Honors Thesis I

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.

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 different undercurrent movements, important organizations, and issues directly related to the lives and societies of Muslims.

ISL 210 Islamic Political Thought

3 Credits

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 areas of basic mathematics such as number, measurement, simple algebra, linear equations, coordinates, graphs, indices and roots. Some aspects of geometry are also considered.

MTH 102 Algebra

3 Credits

Introduction to the essential topics in basic algebra. Students study the fundamentals of algebra and learn to apply the techniques of algebra to real world situations. Covers the language of algebra, equations, inequalities, the algebra of polynomials, rational expressions, systems of linear equations, quadratic equations, and elementary matrices and their applications.

Prerequisite: MTH 101

MTH 103 Pre-Calculus

3 Credits

This course is designed to prepare students for Calculus and other higher level mathematics courses and for majors in science, business and information science courses. The course will cover elementary coordinate geometry of the straight line, linear functions, polynomial functions, rational functions, exponential functions, logarithmic functions and trigonometric functions and their applications, rates of change of functions and the idea of a limit.

Prerequisite: MTH 111 or permission of Department Chair

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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: MTH 121

MTH 261 Elementary Geometry

3 Credits

This course provides students with an understanding of the concepts of geometry and will clarify their understanding of proof in mathematics. The course concentrates mainly on European geometry but will also introduce students to other geometries that have been developed to overcome some of the difficulties encountered with Euclidean Geometry. Methods of teaching school geometry, past and present, will be investigated.

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.

Prerequisite: 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.

Prerequisite: 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.

Prerequisite: MTH 222 (or 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.

Prerequisite: 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.

Prerequisite: 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 prerequisites 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.

Prerequisite: 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.

Prerequisites: MTH 122, MTH 331

MTH 361 Modern Geometry

3 Credits

This course emphasizes the axiomatic development of plane geometry and utilizes the School Mathematics Study Group (MSG) postulates as a guiding force. The course will extend the ideas of plane geometry to investigate Non-Euclidean models of spherical and hyperbolic geometry. Visual models and programs will be used throughout the course.

Prerequisite: 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.)

Prerequisite: Permission of Department Chair

MTH 482 Probability and Statistics II

3 Credits

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.

Prerequisite: 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.

PSY 212 Psychology in Everyday Life

3 Credits

Course integrates traditional principles of psychology as a way of helping students to know themselves, their culture, and their society.

PSY 310 Introduction to Helping Skills

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.

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 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.

PSY 413 Individual and Family Intervention Strategies

3 Credits

Application of counseling techniques for crisis intervention and family problem solving.

Graduate Courses

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 620 Capstone Seminar in Global Business Strategy 3 Credits

This course provides a bridge between the taught components of the masters program and its strategic application.

BUS 630 Corporate Finance 3 Credits

This course emphasizes financial management from a management perspective. 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 640 Human Resource Management 3 Credits

This course provides a framework for thinking strategically about the management of human resources in organizations.

BUS 650 Enterprise Systems Management 3 Credits

This course explores the rapid development of e-commerce throughout the world. It examines how e-commerce has changed the way goods and services flow from manufacturers and service providers to consumers, and opportunities therein, for new firms.

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.

CIT 500 Computer Hardware and Software Platforms 3 Credits

This course covers the characteristics and functionality of computer hardware and software components. In particular, it focuses on the computer components that are of relevance to computer forensics, such as computer storage devices, file formats, and different operating systems (Windows, DOS, MAC, and UNIX). The features of different software applications are also covered and the importance of security protections in computer systems is evaluated.

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. *Prerequisite: 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.

*Prerequisites: 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.

*Prerequisite: 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.

*Prerequisite: 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..

*Prerequisite: 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.

*Prerequisite: 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.

*Prerequisite: 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.

*Prerequisite: 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.

*Prerequisite: 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.

*Prerequisites: 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.

*Prerequisite: 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.

Prerequisite: 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 life-cycle of information system security planning evaluation, risk assessment, security architecture, incident detection, and responses to vulnerability and threats. Legal, ethical, and business factors that motivate and constrain the definition and implementation of information security management systems are addressed. The course will emphasize current information-risk-management strategies and techniques and the challenges for both business and technical personnel to achieve the cost-effective mitigation of security vulnerabilities and threats throughout the enterprise.

Prerequisite: CIT 520

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.

CIT 610 Information Technology Essentials
3 Credits

This course focuses on tools and concepts for course management systems, scholarly databases, indexes and catalogs of collection content, information retrieval and use, communication and presentation software, web design and development.

CIT 620 Foundations of Archival and Information Science
3 Credits

This course presents an introduction to the nature of information and the role of archives and libraries in contemporary society. It includes historical developments, current trends, international perspectives and the outlook for the future. It also introduces students to the various types of information organizations and the values and ethics of information professionals.

CIT 630 Organization of Material and Electronic Documents
3 Credits

This course presents an introduction to the organization of materials. The course covers formal systems for description and metadata, access, indexing and subject cataloging. It also combines readings and practice in organizing and classifying information and in creating metadata

CIT 650 Introduction to Archives and Records Management
3 Credits

This course focuses on the principles, techniques, and issues in the acquisition, management, and administration of records, manuscripts, archives, and other cultural and documentary resources in paper, electronic, and other media formats.

CIT 655 Electronic Records Management
3 Credits

Explores relationships between new information and communication technologies and organizational efforts to define, identify, control, manage, and preserve records. Considers the importance of organizational, institutional and technological factors in determining appropriate recordkeeping strategies.

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.
Prerequisites: 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.
Prerequisites: COM 501, COM 502

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.

Prerequisites: 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.

Prerequisites: 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.

Prerequisites: 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. It explores current and future trends and unique components of the destination. Emphasis is placed on the planning and management of tourism in the region.

Prerequisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 521, COM 522, COM 523

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.

Prerequisites: 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.

Prerequisites: 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 an advanced research project. Completion includes a presentation of the findings or project outcomes to representative faculty of the College.

Prerequisites: COM 501, COM 502, COM 504, COM 506, COM 520, COM 521, COM 522, COM 523, COM 550, COM 551

EDC 501 Social Context of Schools in the U.A.E.

3 Credits

This course addresses the state of education in the UAE, social factors that interact and influence schooling and leadership strategies, and the changing roles of school administrators, school social workers, and teachers in a time of educational change.

EDC 502 Establishing a Framework for Successful Schools

3 Credits

This course focuses on student management and welfare in schools, including student and educator health and safety, behavior management, supervision, working with the community and families, and public relations in the UAE schools.

EDC 511 Literacy and Language Learning K-5

3 Credits

This course addresses literacy development including the teaching of reading and writing that is contextualized in children's literature and content area texts. Students are encouraged to experiment with the strategies developed during the class and report on impact at the following class.

EDC 512 Teaching and Learning Mathematics K-5

3 Credits

This course addresses numeracy development, use of whole and fractional numbers, estimation, geometry, and use of operations. Students are encouraged to experiment with the strategies developed during the class and report on impact at the following class meeting.

EDC 601 Introduction to Educational Research

3 Credits

This course presents 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

This course is a continuation of the study of research with emphasis on models used to conduct meaningful research in educational settings. Strategies include quantitative and qualitative approaches such as statistical analysis, survey and questionnaire design, interviews, thematic analysis, case studies, and narrative inquiry.

EDC 603 Using Data for School Improvement

3 Credits

This course is designed to prepare school administrators to conduct data-based inquiry and to use data and other evidence for the purpose of guiding decisions leading to school improvement.

Prerequisite: EDC 601

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. Includes critical examination of key leadership theories and their application.

EDC 633 Applied Learning for Educational Leaders

3 Credits

This course focuses on the behavioral and cognitive theories of learning and motivation with examination of contemporary research that can be used in schools. Experiential evidence forming the theoretical base for educational practice is also examined.

EDC 634 Curriculum Leadership

3 Credits

This course encourages students to develop critical knowledge and understanding of the concept of curriculum and the skills necessary to design, manage, evaluate, and administer curriculum at the leadership level.

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 638 Guiding and Analyzing Effective Teaching
3 Credits
At the heart of leadership in Education, this course develops skills and methods designed to understand teaching that is centered on student learning in addition to the knowledge and skills required for instructional leadership.

EDC 639 Student, School, and Community Collaboration
3 Credits
This course focuses on approaches and strategies to provide leadership and services for students, the school, and the larger community, including parents. Effective communication and skills essential to effective collaboration are developed.

EDC 640 Leading Educational 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
This course in addition to 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: Practices and Strategies
3 Credits
This course examines current research on validated interventions designed to improve the behavior and social skills of people with behavior disorders. Particular emphasis on positive behavioral supports and behavior change strategies.

EDC 644 Language Development and Communication
4 Credits
This course focuses on 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. Study of the use of dynamic information, alternative assessments, and informal 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 UAE 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 UAE and service delivery.

EDC 650 Science of Cognition and Learning
4 Credits
This course addresses the integration of key insights from current research and practice in human learning from the neurosciences, psychology, and education. Students review the connection between this integration, curriculum, and pedagogy.

EDC 651 Leading Effective Schools
3 Credits
This course focuses on school management as well as operations management, including school environment that is conducive to learning, safety of students and staff, discipline, and accountability.

EDC 652 Leadership for School Problem-Solving
3 Credits
This course examines major models of school-based problems or issues that may occur and strategies that can be used to address them. Examination of current school-based strategies for school improvement in a learner-centered environment.

EDC 653 Educational Standards in an International Context
3 Credits
This course is designed to provide an understanding of international standards in education. Focusing particularly on leadership and decision-making, attention is be given to standards based education reform and the link between theory and practice.

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 Social, Community, and Family Contexts of Education
3 Credits
This course is designed to assist education leaders to refine communication skills and understanding of the communities within which education functions.

EDC 656 Educational Leadership and Organizational Behavior
3 Credits
This course examines theories of organization, social systems, leadership, and power theories are examined as they relate to actual practice and situations that impact leadership.

EDC 661 Implementing a Research-based Framework for Education

4 Credits

This course addresses the international standards movement and the research base on effective schools contextualized internationally and in the UAE. Students examine the impact of the standards movement on K-12 curriculum internationally and particularly in the UAE.

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.

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

This course focuses on the 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 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.

Prerequisites: EDC 601 and EDC 602 (or EDC 603)

EDC 699 Internship For School Administrators

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.

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 are 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 require 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 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 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 opens 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 follows 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 structure. 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 UAE constitution; the formation of the federal system of the UAE; 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 UAE 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 UAE position vis-à-vis major international issues such as the environment, international security, energy, and human rights among others. 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. Could also run as Special Topics course with thematic focus on topics such as: Terrorism, Failed States, Humanitarian Intervention, 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.

Academic Credentials

ABAEIAN, NASIM, *Adjunct Instructor, College of Arts and Sciences, Art and Design*. B.S., 2003, American University of Shajah (UAE); M.F.A., 2008, Savannah College of Art and Design (USA).

ABDALLAH, TARAK, *Associate Professor, Institute for Islamic World Studies*. B.A., 1985, University of Tunis (Tunisia); M.A., 1987, The University of Paris X Nanterre (France); Ph.D., 1989, University of Quebec (Canada); Ph.D., 1992, The University of Paris X Nanterre (France).

ABRAHAM, PAUL, *Instructor / Head, Student Life, Abu Dhabi Men*. B.Sc., 1979, B.Ed., 1980, M.A., 1982, Saint Mary's University (Canada); M.Ed., 1993, Dalhousie University (Canada).

ABU BAKER, MUNEEB, *Associate Professor / Senior Catalog Librarian, Library and Learning Resources*. M.A., 1983, Yarmouk University (Jordan); M.L.I.S., 1990, University of Pittsburgh (USA).

ABULQARAYA, BASHIR, *Assistant Professor, Institute for Islamic World Studies*. B.Sc., 1983, Assiut University (Egypt); M.Sc., 1994, Ph.D., 2007, Cairo University (Egypt).

ABU TALIB, MANAR, *Assistant Professor, College of Information Technology*. B.Sc., 2002, M.Sc., 2004, Ph.D., 2007, Concordia University (Canada).

ABU WARDEH, PATRICIA, *Instructor, University College, Advising and Academic Development*. B.A., 1965, M.A., 1998, University of London (UK).

ABU ZEID, MOHAMED, *Assistant Professor, University College, Arabic Studies*. B.A., 1993, Ed.D., 1993, Islamic University (KSA); M.A., 1999, Kuwait University (Kuwait); Ph.D., 2003, Al-Azhar University (Egypt).

AHERMOUCH, OMAR, *Instructor, Academic Bridge Program*. B.A., 1995, University of Ibn Zohr (Morocco); M.Sc., 1998, Heriot-Watt University (UK).

AHMAD, NAZIMA, *Adjunct Instructor, College of Arts and Sciences, Art and Design*. B.A., 2007, American University Sharjah; M.F.A., 2010, Yale University (USA).

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