



**UNDERGRADUATE CATALOG**  
**2023-2024**

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**The American University in Dubai**  
**Dubai, United Arab Emirates**  
**Vol. XXI, Copyright September 2023**

**Effective Fall 2023**

*The statements and policies set forth in this [Catalog](#) (effective September 2023) are for informational purposes only and should not be construed as the basis of a contract between the student and the institution. While every effort is made to provide accurate and current information, AUD reserves the right to change, without notice to the individual student, any provision in this [Catalog](#). Every effort will be made to keep students advised of any such changes.*

## FROM THE OFFICE OF THE PRESIDENT...

It is my pleasure to preface the *AUD 2023-2024 Undergraduate Catalog*. The University's scope and its approach to education are reflected throughout its pages.

**His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the U.A.E. and Ruler of Dubai**, for whose support The American University in Dubai is grateful, recognizes that it is ultimately through education that the U.A.E. and Dubai, and beyond, will achieve the goal of sustainable prosperity and peace – requisites for a society in which each individual can contribute according to his or her unique capabilities. At AUD, our commitment to academic excellence, societal relevance, and an appreciation for lifelong learning defines our Mission and everything we do.

This *AUD Undergraduate Catalog* provides a snapshot of the academic programs, degree requirements, and policies presently in force at AUD. It also serves to profile the university as an institution committed to student success through excellence in teaching and scholarly and creative endeavor. Current and prospective students can consult the *Catalog* for information pertinent to their area of study. Other members of the university's constituencies will derive valuable insight into the breadth of educational endeavor at the American University in Dubai.

Our schools and offices are pleased to answer any questions you may have on *Catalog* contents.

Sincerely,

**Dr. Lance E. de Masi**  
***Interim President***



## ABOUT THE AMERICAN UNIVERSITY IN DUBAI (AUD)

- Overview
- AUD Governing Board
- Administration
- AUD as an American Institution of Higher Learning
- Accreditation, Licensure and Substantial Equivalency
- Mission and Goals
- Vision
- Values
- Statement on Research
- Facilities
- Statement on Integrity
- Institutional Effectiveness

## Overview

The American University in Dubai is a private, non-sectarian institution of higher learning founded in 1995. AUD's enrollment in 2022-2023 averaged 1,890 students. In Spring 2023, approximately ninety-five nationalities were represented in the AUD student body.

AUD offers both undergraduate and graduate degrees and a Certificate in Middle Eastern Studies.

School	Program	Degree	Major, Track or Concentration
Architecture, Art and Design	Architecture	B.Arch.	-
	Interior Design	B.F.A.	Hospitality Design
	Visual Communication	B.F.A.	Advertising, Digital Media, Graphic Design, Studio Art
	Urban Design and Digital Environments	M.U.D.D.E.	-
Arts and Sciences	Biology	B.S.	-
	International Studies	B.A.I.S.	Middle Eastern Studies, International Development, International Relations
	Psychology	B.A.	-
	International Affairs	M.A.	-
	Middle Eastern Studies	Certificate	-
Business	Business Administration	B.B.A.	General, Accounting, Economics, Finance, Management, Marketing, Advertising and Integrated Marketing Communications
		E.M.B.A.	
		M.B.A.	General, Finance, Marketing, Strategic Human Resource Management and Leadership
		M.A.*	
Mohammed Bin Rashid School for Communication	Communication and Information Studies	B.C.I.S.	Digital Production and Storytelling, Journalism
		M.A.**	
Education	Education	M.Ed.	Elementary, Secondary
Engineering	Civil Engineering	B.S.C.E.	-
	Computer Engineering	B.S.Comp.E.	-
	Electrical Engineering	B.S.E.E.	-
	Mechanical Engineering	B.S.M.E.	-
	Artificial Intelligence***	M.S.A.I.	
	Construction Management	M.S.C.M.	-

\*Degree in Intellectual Property and Innovation Management

\*\*Degree in Leadership and Innovation in Contemporary Media

\*\*\*Effective Spring 2025

In addition to courses in their chosen program/major, undergraduate students in all disciplines must follow a curriculum in Arts and Sciences. This is in fulfillment of the general education portion of their degree requirements.

Through its Center for English Proficiency (CfEP), the university also offers an English Bridge program to develop university-level English language skills in students requiring additional language study before commencing university.

The university's faculty possess appropriate academic credentials. Furthermore, many are or have been practicing professionals of note. In terms of faculty composition, North Americans have the highest representation of any national group.

AUD's multi-complex facility has been conceived with the objective of supporting the university's programs (both academic and extra-curricular) to an American standard. The campus surroundings include Dubai Internet City and Media City.

## *AUD Governing Board*

### **Mr. Justin G. Cooper (Chair)**

*Founder and CEO Foxcroft Strategy Group LLC; former Senior Advisor to President William J. Clinton*

### **Dr. Habib Al Mulla (Vice-Chairman)**

*Executive Chairman and Managing Partner of Habib Al Mulla and Partners*

### **Mr. Elias N. Bou Saab (Secretary)**

*Executive Vice President, The American University in Dubai*

### **Dr. Steve G. Franklin**

*President/CEO Global Access Learning, Inc.*

### **Mr. Joseph Ghossoub**

*Chairman of G&Co; former World President, International Advertising Association*

### **Dr. Lance E. de Masi**

*Interim President; former President (1997-2018), The American University in Dubai*

## *Administration*

The administration of The American University in Dubai endeavors to fulfill the university's mission in terms of both academic excellence and attention to the student as an "individual." Operatively, this entails the enforcement of academic policies and procedures, the availability of staff for counseling and advisement, the support of extra-curricular activities that develop the "whole person," and a general sense of fairness in all dealings.

### **Dr. Lance E. de Masi**

*Interim President*

M.B.A. (1977), Indiana University at Bloomington; M.A., Indiana University at Bloomington; B.A., St. John Fisher College; Honored, Ph.D. Hum. Lit., Schiller International University (London)

### **Mr. Elias N. Bou Saab**

*Executive Vice President*

M.A. (1994), Boston University; B.B.A., American InterContinental University

### **Dr. Sabrina Joseph**

*Provost and Chief Academic Officer*

Ph.D. (2005), Georgetown University; M.A., Georgetown University; B.A., New College of Florida

### **Mrs. Tala K. Makhoul**

*Associate Executive Vice President*

M.Sc. (2000), Nottingham University; B.B.A., American University of Beirut

### **Ms. Randa Al Chidiac**

*Director of Library Services*

M.Sc. Econ. (1997), University of Wales, Aberystwyth; B.A., University of Balamand

### **Mrs. Maya Amiouny**

*Chief Financial Officer*

M.B.A. (1986), American University of Beirut; B.A., American University of Beirut

### **Mr. Basem Chbaklo**

*Chief Information Officer*

M.B.A. (2004), The Wharton School, University of Pennsylvania; M.Sc., Lebanese American University; B.E., American University of Beirut

**Mrs. Angele El Khoury**

*Director of Human Resources*

E.M.B.A. (2021), American University in Dubai; M.S.S.W., Saint Joseph University (Beirut); B.S., Saint Joseph University (Beirut)

**Dr. Rawan Ghali**

*Assistant Director of Institutional Effectiveness*

Ph.D. (2018), Saint Joseph University (Beirut); Master, Saint Joseph University (Beirut); Licence, Saint Joseph University (Beirut)

**Mrs. Nelly Halabi**

*Health Center Director*

B.S.N. (1982), Saint Joseph University, Lebanon; L.S.H., Ministry of Health, France; N.L., Ministry of Health, Lebanon; DOHL: Dubai, U.A.E. Outpatient & Specialist Clinics, School and University Clinics

**Mrs. Matilda M. Jabbour**

*Registrar*

Technical Baccalaureate (1985), Business Automation Training Center (Beirut)

**Dr. Sara L. Montero**

*Dean of Student Affairs*

Ed.D. (2023), Gwynedd Mercy University; Ed.S., Northcentral University; M.A., University of Oklahoma; B.S., University of Maryland; A.S., University of Maryland

**Mr. Elie H. Sawaya**

*Director of Central Services*

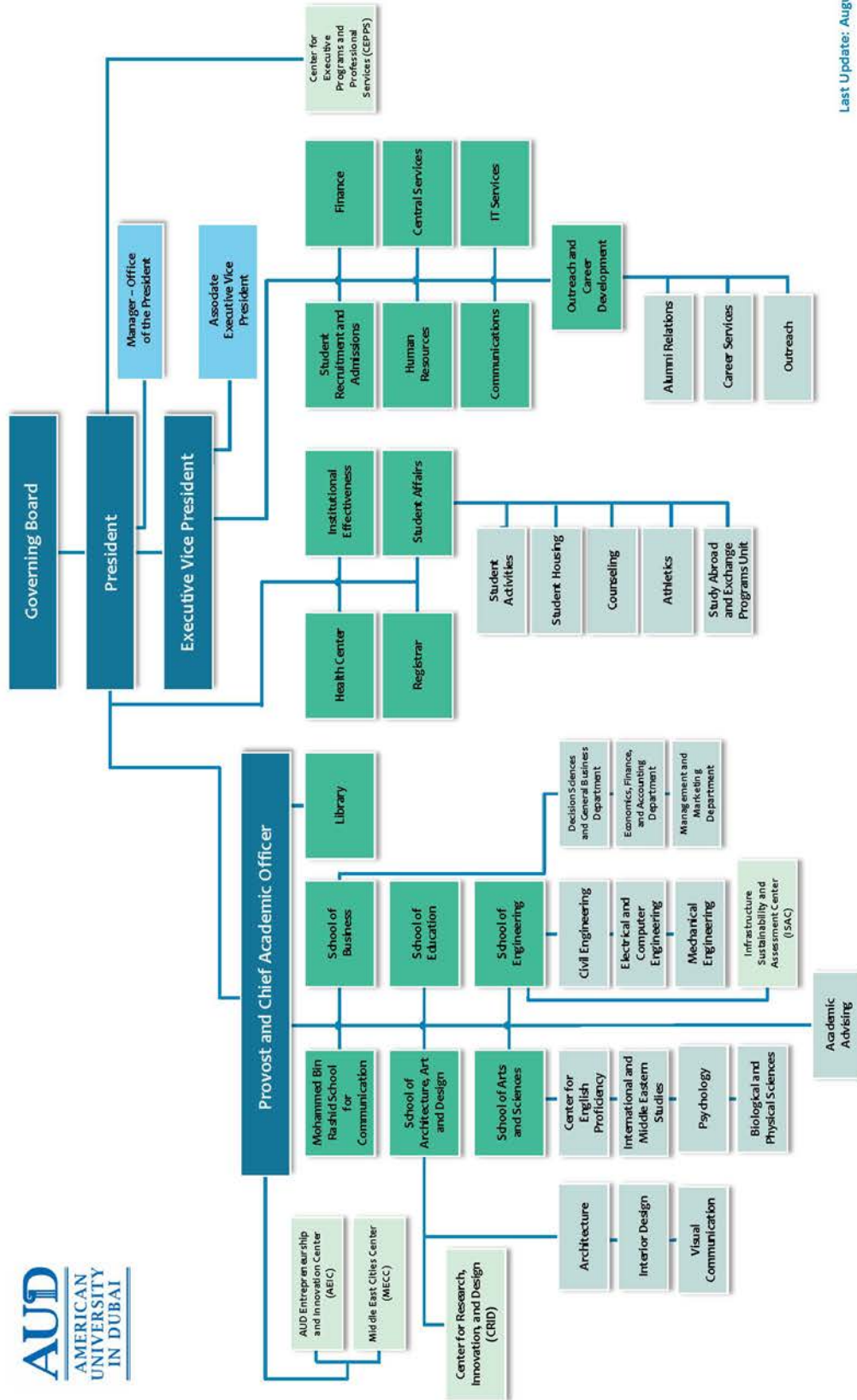
Lebanese Baccalaureate (1986)

**Ms. Cynthia Samaha**

*Manager of Outreach and Career Development*

B.A. (2009), Holy Spirit University of Kaslik (USEK)

# AUD Organizational Chart



Last Update: August 30, 2023



## *AUD as an American Institution of Higher Learning*

It is widely believed that American education is synonymous with “quality.” This belief is particularly prevalent with regards to American education at the university level. Several factors are judged to explain this excellence: a curriculum that imparts general knowledge but allows for significant specialization; faculty who consistently contribute to scholarship in addition to exercising their classroom duties; teaching methods that develop in students strong skills in critical reasoning and accurate and persuasive self-expression; the maintenance of high academic standards via clear and consistent policies; and instilling in students an appreciation for life-long learning.

**The American University in Dubai seeks to duplicate this American model for success.** Syllabi and textbooks are the same as those used in the United States. In addition, the predominance of American and American-trained faculty further ensures that the university be American in substance as well as in name. Expectations of academic performance either match or exceed those prevailing on a “typical” American campus.

But as with any institution of higher learning, The American University in Dubai – albeit by working within an American framework – has developed a character of its own. This is in large part inspired by its sensitivity to the needs of the student populace of the Middle Eastern terrain in which it operates.

AUD’s curricula across its degree-granting disciplines is skill-directed and career-oriented. Everything, from academic advising to the approach to faculty-student interaction in- and outside the classroom, as well as career counseling, is implemented with attention to the needs of the individual student. It is for this reason that all faculty follow an “open door” policy with regard to office hours. Finally, the globalization of business and communications makes it imperative that the university’s educational programs be delivered with an international perspective and that a tolerance for cultural diversity be promoted through both curricular and extra-curricular activities.

The American University in Dubai remains convinced that since its opening in 1995, it has made great strides towards developing a culture of excellence by combining the heritage of traditional American education with those perspectives it has matured locally. The university looks forward to further collaboration with the local community in its continuous search for groundbreaking educational programs delivered to global standards.

## *Accreditation, Licensure and Substantial Equivalency*

- The American University in Dubai is officially licensed by the UAE Ministry of Education (MOE). The MOE has accredited the university’s undergraduate programs in Architecture, Biology, Business Administration, Communication and Information Studies, Engineering, International Studies, Psychology, Interior Design and Visual Communication and graduate programs in Artificial Intelligence, Business Administration, Construction Management, Education, International Affairs, Intellectual Property and Innovation Management, Leadership and Innovation in Contemporary Media, and Urban Design and Digital Environments in addition to Certificate programs in Middle Eastern Studies (undergraduate).  
*U.A.E. Ministry: PO Box 45133, Abu Dhabi, U.A.E.; tel.: +971-2-642-7772*
- AUD is permitted by the Knowledge and Human Development Authority (KHDA).  
*KHDA: Block 8, Academic City, P.O. Box 500008, Dubai, U.A.E. tel.: +971-4-3640000*
- AUD is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award Bachelor’s and Master’s degrees (see <http://www.sacscoc.org>). Contact SACSCOC at 1866 Southern Lane, Decatur, Georgia, 30033-4097 USA or call +1-404-679-4500 exclusively for matters specific to the accreditation of the American University in Dubai. Inquiries about AUD regarding topics such as admissions, tuition, educational programs, etc., should be addressed directly to AUD and not to SACSCOC.
- Authorized under the Nonpublic Postsecondary Educational Institutions Act of 1990.  
*NPEC: 2082 East Exchange Place, Suite 220, Tucker, Georgia 30084-5305 USA; tel.: +1-770-414-3300*
- The School of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB International).  
*AACSB: 777 South Harbour Island Boulevard, Suite 750, Tampa, Florida 33602 USA, tel: +1-813-769-6500*

- The university's undergraduate majors in Advertising and Integrated Marketing Communications and Advertising have been accredited by the International Advertising Association (IAA) in New York.  
*IAA World Service Center: 521 Fifth Avenue, Suite 1807, New York, NY 10175 USA; tel.: +1-212-557-1133*
- The Civil, Computer, Electrical, and Mechanical Engineering programs of AUD's School of Engineering are accredited by the Engineering Accreditation Commission of ABET. <http://www.abet.org/>  
*ABET: 415 N. Charles St., Baltimore, MD 21201 USA; tel.: +1-410-347-7700*
- The Bachelor of Communication and Information Studies (B.C.I.S.) program, with majors in Digital Production and Storytelling and Journalism is accredited by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC).  
*ACEJMC: Stauffer-Flint Hall, 1435 Jayhawk Blvd. Lawrence, KS 66045-7575 USA; tel.: +1-785-864-3973*
- The Interior Design program leading to the Bachelor of Fine Arts is accredited by the Council for Interior Design Accreditation (CIDA), <https://www.accredit-id.org/accredited-programs>  
*CIDA: 206 Grandville Avenue, Suite 350, Grand Rapids, MI, 49503-4014 USA; tel.: +1-616 458 0400*
- The National Association of Schools of Art and Design (NASAD) granted AUD's Bachelor of Fine Arts (B.F.A.), with majors in Advertising, Digital Media, Graphic Design and Studio Art; and Bachelor of Fine Arts (B.F.A.) in Interior Design the designation of *substantial equivalency* with accredited programs in the United States.  
*NASAD: 11250 Roger Bacon Drive, Suite 21, Reston, VA 20190-5248 USA; tel: +1-703-437-0700;*  
<http://www.nasad.arts-accredit.org>
- National Architectural Accrediting Board (NAAB)  
The Bachelor of Architecture program is accredited by the National Architectural Accrediting Board (NAAB) of the United States.

NAAB is the only organization authorized to accredit professional degree programs in architecture in the United States.

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with US regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year term, an eight-year term with conditions, or a two-year term of continuing accreditation, or a three-year term of initial accreditation, depending on the extent of its conformance with established education standards.

Doctor of Architecture and Master of Architecture degree programs may require a non-accredited undergraduate degree in architecture for admission. However, the non-accredited degree is not, by itself, recognized as an accredited degree.

The American University in Dubai in the School of Architecture Art, and Design, offers the following NAAB-accredited degree program:

B.Arch. (166 undergraduate credits)

Next accreditation visit: 2029

## ***Mission, Philosophy, Goals, Vision, Values and Diversity***

### **Mission**

The Mission of the American University in Dubai is to serve as a culturally diverse learning community committed to the pursuit of knowledge through excellence in teaching and scholarly and creative endeavor, leading to students' academic, personal and professional success, as well as the advancement of society.

### **Statement of Philosophy**

The Philosophy of The American University in Dubai is derived directly from its mission. In its essence, AUD is a learning community. This is most noticeably manifested in the aspirations of two principal constituencies – students and faculty. Students seek to learn through the acquisition of knowledge and skill. Exposure to human, cultural and

experiential diversity plays a crucial role in this acquisition process. Many avenues are open to faculty for learning, including their own scholarly and creative activity. Contributing to knowledge via this activity helps faculty fulfill their most important commitment; that is, imparting knowledge to the students they teach and mentor.

It is expected that as learners committed to continuous improvement, students – following graduation – will be successful in fulfilling their personal and professional objectives; and that faculty – through the on-going processes of study and knowledge advancement – will contribute to and develop expertise in their disciplines and become ever more effective teachers.

All strive to become better thinkers. The university is confident that the appropriate exercise of its Philosophy, reflecting an innate drive towards academic excellence, constitutes its most significant contribution to the shaping of a better world.

### Purpose-related Goals of the University

In support of its mission and philosophy, AUD's Goals are as follows:

- To cultivate and reward excellence, especially as it affects the imparting, acquisition, and advancement of knowledge;
- To guide students in the use of their knowledge and skills for personal and professional fulfillment;
- To foster an appreciation of the history and on-going development of human culture;
- To develop critical thinking, effective communication and lifelong learning skills;
- To promote the value of ethical behavior, responsibility, and commitment;
- To provide academic programs, services, facilities, and technologies that offer diverse opportunities for learning;
- To recruit and retain a diverse faculty of qualified educators, providing them with the environment and opportunity to flourish as teachers and contributors to knowledge in and practice of their disciplines;
- To foster intercultural understanding as a basis for preparing students as members of a global community;
- To contribute to the economic and societal development of Dubai, the United Arab Emirates and beyond.

### Vision

- Enhanced standards and quality in program offerings;
- Selective diversification in program portfolio;
- The liberal arts as the wider context for life-long learning and professional readiness;
- Ever more “American” in terms of the total educational experience;
- Strengthened integration with local community (university as an intellectual, pedagogical and socio-cultural reference point);
- Embracing the expansion of physical resources and technological application as opportunities for cutting edge delivery of its academic programs and services.

### Values

There are ten (10) Values that underpin AUD's support of students, faculty, staff, and other constituents:

**Whole Person Education** – AUD values the intellectual, personal and professional development of its students;

**Excellence** – AUD values excellence in all that it does and is committed to continuous improvement in its educational offerings and services;

**Integrity** – AUD values honesty and transparency and has high standards of legal-adherence, morality and ethics;

**Service** – AUD values all of its constituencies and partners with its stakeholders in the achievement of their objectives and aspirations;

**Diversity** – AUD values diversity in all its manifestations and recognizes its contribution to the quality of university life;

**Tolerance** – AUD values respect and open-mindedness as proper responses to concepts, opinions and customs that are diverse, new or unfamiliar;

**Accountability** – AUD believes that all members of the university community are responsible for fulfilling their roles in support of the institutional mission and purpose-related goals and that evaluation of individual performance should be based on the degree to which this responsibility is satisfied;

**Collaboration** – AUD values teamwork and outreach as a means of deriving superior solutions;

**Innovation** – AUD values innovation as reflected in knowledge creation, creative expression and continuous improvement;

**Best practice** – AUD recognizes the worth added to its policies and operations by best practice in American higher education.

### Statement on Diversity

The American University in Dubai embraces diversity and recognizes the importance to foster an open, welcoming environment where students, faculty and staff of all backgrounds can collaboratively learn, work and excel. We value the academic, social, and broader community benefits that arise from a genuinely diverse campus and are committed to equity and inclusion. Diversity is a driving force instrumental to our institutional success and fulfillment of the university's mission and is a reflection of our national diversity.

The competencies gained through diverse experiences across campus prepare all of our students, staff and faculty to thrive academically, personally and professionally in a global society.

### Statement on Research

AUD is a teaching-focused institution of higher learning. Located in Dubai and cognizant of the educational, economic and social development priorities of its environment, the university believes that the most impactful contribution it can make to society is to graduate students prepared to meet the needs and challenges of both a dynamic Middle East and a world subject to constant and rapid change. Accordingly, the university recognizes and places special emphasis on the key role of faculty in enhancing the effectiveness of the teaching and learning process. To this end, the university expects faculty to remain current in their academic disciplines through professional engagement and through research and creative output that advances teaching, practice and knowledge in their disciplines. AUD provides various mechanisms to support these endeavors and enable faculty to meet the university's expectations and grow as educators and scholars.

### Vision

Research and creative activity undertaken by faculty will enhance program quality and learning outcomes achievement in the teaching disciplines.

AUD will proactively pursue greater visibility as a teaching-focused institution in which high quality intellectual and creative output produced by faculty contributes to knowledge in the various disciplines and enriches the teaching and learning process at the university.

### Objectives

The following objectives will be pursued within the context of AUD's teaching-focused mission and policy on support for faculty research, scholarly and creative activity:

- To encourage faculty research and creative activity and potential in terms of quantity, quality and impact;
- To pursue greater alignment of faculty research and creative activity with educational, economic and social development priorities and strategies, especially at the national and regional levels;
- To create channels for integrating faculty research and creative endeavors into program and curriculum development and into the teaching and learning process;
- To enhance the university's visibility in terms of faculty research and creative output; and,
- To develop mechanisms for disseminating this output to the local, regional and international academic and professional communities and to society at large.

### Action Plans and Assessment

Each school will include in its plan a program-specific action plan for achieving the above vision and objectives. Action plans will set research and creative output and quality targets and will encompass faculty recruitment and retention, ongoing professional development, internal and external research funding, partnerships with industry and various agencies, as well as appropriate support mechanisms and needed resources. Action plans will be subject to approval by the Provost and Chief Academic Officer and the President. Schools, in collaboration with Institutional Effectiveness, will also apply approved reporting mechanisms that would enable periodic measurement and assessment of AUD research endeavors and output and the effectiveness of action plans in achieving the above vision and objectives.

## Facilities

The campus of The American University in Dubai is the material expression of the university's mission and character. Two words come to mind in describing this campus – American and world-class: “American” because of its sobriety and Jeffersonian architectural rigor, “world-class” because of the notable quality of the physical plant and accompanying facilities.

Indeed, the facilities that comprise the multi-edifice campus are nothing less than impressive, whether they be found in the academic wings, student and faculty housing or administrative complex. Specifically, 16 buildings dot the campus today, a Student Center, housing indoor sports facilities, food-court, 50 offices and 20 classrooms/labs - in addition to several other amenities.

The accomplishment of AUD's objective to deliver a genuinely American education is facilitated by the sports facilities (soccer field, outdoor track, tennis/volleyball/basketball courts, swimming pool) and other space that provide students with the opportunity to engage in extracurricular activities which constitute student life on a typical US-based campus. A 900-seat auditorium serves as a venue for student assemblies, conferences, and cultural events. A Student Center, housing indoor sports facilities, was inaugurated in September, 2008. A central indoor stadium is designed so that it can be transformed into two independent courts used for indoor football, handball, basketball or volleyball. This stadium has a capacity of 2,500 spectators, in addition to an outdoor spectator's gallery that faces the soccer field and accommodates a public of 300. Separately, there are two squash playgrounds and a 1,600-square feet gymnasium for males and females and an aerobics/dancing/music room.

Advanced technology supports all aspects of campus operations; most appropriately, the delivery of the university's academic programs. Specifically, eight computer labs with both IBM and Macintosh hardware form the basis for instruction in information systems and business administration. Two language laboratories serve to enhance teaching effectiveness in the university's intensive/academic English courses.

The Blackboard™ system is deployed to provide instructional support in all courses offered by the university, and students can access it from any location in the world where there is online access.

The **School of Architecture, Art and Design (SAA&D)** is composed respectively of the Architecture, Interior Design, and Visual Communication departments. The school occupies one of the main academic buildings on campus (Building A) in addition to some freestanding structures that have been added in order to accommodate the continuing growth of the school (building A Annex, the Glass House, and three portable cabins). Overall, the school is comprised of 21 main learning spaces. Building A consists of two floors with 17 spaces.

The **Departments of Architecture and Interior Design** share the following facilities and resources: Eight Open Space Studios, each with one computer and one projector. Three PC Digital Studios, 19–20 PC CAD/BIM workstations per digital studio, and four A3 format scanners. Software in these studios includes Autodesk AutoCAD / Revit / 3D Studio MAX, and Adobe Creative Cloud Suite. The shared Model and Furniture Making workshop includes two Drill Presses, one Flat Table Saw, Mitre Saw, Scroll Saw, and Flat Bed Table Wood Saw. The Model and Furniture Making workshop also comes with the following handheld equipment: Jigsaws, Marble Cutter, Grinder, Drills, Cordless Drill, Electric Polisher, Sander, Electric Shear, Router, Electric Spray Paint, Heat Gun, Electric Planner, Magnesium Gun, Chop Saw, Polystyrene Wire Cutter, Hot Knife Cutter, and Circular Saw. The school also has a Fabrication Lab which includes one Small Laser Cutter, one Large Laser Cutter, and six 3D Printer. The Printing Center has three A3 size color printers, two Xerox® 7800GX, one Xerox® 7760GX and three HP® large format plotters. The VR Center has 10 high performance computer systems along with 10 HTC VIVE systems which are used in conjunction with Enscape, TwinMotion, Microsoft Mesh, VR Sketch, Microsoft Maquette, Rhino, Unity, Unreal Engine, Gravity Sketch and Google SketchUp in the production and testing of architectural immersive experiences. It also has the KAT VR Walk Premium ODT (Omni-Directional Treadmill), Two Oculus Quest Pro and a smart TV. The Center for Research, Innovation, and Design (CRID) within SAA&D administers Autodesk Professional Certification Exams for students & practicing professionals and serves as a resource for internships, research, and outreach.

The **Department of Visual Communication** has the following facilities and resources:

An **iMac lab** equipped with 20 iMacs, one Wacom Cintiq 27HD Pen Display, one A3 Scanner, 75in display with Apple TV and sound system, This iMac Lab has Industry-standard professional software including Adobe CC, Ableton Live Suite, Max, DaVinci Resolve Studio, Fusion, XCode, Arduino, Logic Pro X, Avid ProTools and Cinema 4D.

The **Digital Media classroom** has 12 Apple Thunderbolt Display Laptop Stations, 75in display with Apple TV and BOSE surround sound system. In the Advertising classroom, 75in display with Apple TV. The **Graphic Design**

**classroom** has 75in display with Apple TV on a cart. There are two Studio classrooms, one set up for drawing and one for 3D.

There are five **Digital Media Suites** that are suite up for industry-standard Video Editing, Color Grading, Motion Graphics, Animation, Sound Design and Music Production. Every suite has a Mac Pro with dual Apple Thunderbolt monitors and 12TB external storage. 2 RODE and 3 Sennheiser Condenser Microphones, 4 Midi Keyboards, one ROLI Seaboard, Apogee Duet Audio interfaces and Ableton Push midi controllers in each suite for Music Production and Audio Post Production. One Wacom Cintiq 27HD Pen Display. 3 pairs of Yamaha HS7 and 2 pairs of M-Audio BX6 Studio Monitor Speakers. Software includes latest versions of Adobe CC 2021, Apple App Bundle, Ableton Live Suite, Max, DaVinci Resolve, Fusion, Hype, Arduino, XCode and Cinema 4D. Eizo 27inch True Color Monitor and DaVinci Resolve Mini Panel for Color Grading.

The department has a **Multi-Purpose Studio Space** for photography and videography equipped with remote backdrop, a Jib and 3 strobe lights. The **Film Photography Lab** has enlargers, sinks, booths and dryer racks for developing and printing traditional and alternative process chemical B&W photography.

The **Printmaking Lab** has a printing press for etching, mono printing, linocuts, etc. It also has printing tables, drying racks, an industrial paper shearer, and washers for screen printing. A **3D Art Studio** equipped for Ceramics and Studio Art classes.

The **Visual Communication Resource Centre** has various 4K cameras (Blackmagic Design and Canon) and accessories including MOVI M5 Camera Stabilizer, 3 DJI Ronin S Gimbal, Lens Kits, and On-Location Sound Recording equipment. An **Online Reservation System** is used for managing the Editing Suites and Equipment. The Visual Communication Resource Centre has a full-time staff member dedicated to providing support with the Digital Media Suites, Video Production, Audio, and Photography equipment.

The A-Glass House includes workspaces used by the architecture department as well as a large open space that is used by all departments for critiques, exhibitions, workshops and guest lectures.

The A-Annex Building hosts courses from all three departments. There is a typical studio space with large tables, projectors, and pin-up space. There are three port-a-cabins that function as workshop spaces for all three departments. The model-making workshop has large tables for studio courses as well as a properly vented spray booth. The lighting/furniture lab is a classroom space with additional materials to support courses in lighting and furniture. The third workshop is staffed by a lab technician. This space houses a Universal Laser Cutter Machine ILS and 3d Printers.

The **School of Arts and Sciences (SoAS)** classes are held in thirty-six different classrooms throughout the campus. All of the classrooms in which Arts and Sciences classes are taught are equipped with a white board, a front desk and chair, a desktop computer and monitor and a projector. In order to facilitate use of the projector during class, all faculty have access to clickers. In many of the classrooms, the desks are “moveable” to facilitate group work among the students. Students have access to three “specialty” classrooms: a biology laboratory, a chemistry laboratory, and a physics laboratory. These labs include dozens of workstations and are outfitted with state-of-the-art equipment to assist students with their scientific experiments and research. Arts and Sciences students also have access to four computer labs, as well as access to all general use computer labs throughout the campus. All computers in the computer labs are equipped with Microsoft Windows and are linked to the AUD network.

The School of Arts and Sciences operates three Academic Support Centers, which provide free academic assistance in Mathematics, Academic Writing, and Public Speaking. The Math Tutoring Center is located in room E 116, on the ground floor of the E-Building; the Public Speaking Tutoring Center is located in Study Room #1 of the AUD Library; and the Writing Center is located in room C 418, on the fourth floor of the C-Building.

The **Mohammed Bin Rashid School for Communication (MBRSC)** provides its students in Digital Production/Storytelling and Journalism programs with facilities to assist them in the completion of their tasks/projects. The School houses a fully equipped, soundproof TV studio and control room with three cameras, lighting, vision and audio mixers, lighting console and a multi-viewer screen. For other assignments, students have access to full camera kits including HD cameras, lighting and sound equipment. For post-production work, the School provides its students with two Mac Computer Labs (total 36 stations) and six individual editing suites that run Avid™ editing software. A Global Classroom serves as a high-technology medium for lectures by the most accomplished media academicians and professionals from around the world. MBRSC also houses a 36-seat Screening Room equipped with a high-definition projector and surround sound system.

AUD's **School of Business** (Building B) provides its students with 12 regular classrooms, three computer labs, four theater style classrooms, a student lounge, a conference room and a stock trading room. The regular classrooms vary in size and their capacity can accommodate anything from 20 up to 70 students.

The stock trading room includes large screens and trading terminals for students to simulate stock trading.

The three computer labs house more than 90 computers and are equipped with educational and professional business software including STATA, SPSS, SIMUL8, V.I.S.A., ISI ResearchSoft, Minitab 17, QM for Windows, Weka, Palisade DecisionTools Suite 6.2, IBM SPSS Statistics 24, Microsoft Visio Professional 2016, Microsoft Project MUI (English) 2016, and EndNote 8, Microsoft Office Professional plus 2016, Adobe Reader, Windows Movie Maker, Vision, Mirroring 360.

In addition, all classrooms and computer labs in the business school are equipped with an Instructor PC (HP EliteDesk 800 G1 SFF) connected to a ceiling-mounted projector as well as audio speakers.

The AUD-IBM Center of Excellence for Smarter Logistics has a physical address. Projects do not need to be in the supply chain field, as logistics overlaps with several fields. The room serves several objectives, hence its versatile design. It can be set as a board room with 18 seats, a venue for concurrent break-out sessions in separate groups of three teams (six people each) and a classroom conducive for group discussions or even formal lectures (if needed). All these configurations can be made on-demand in a few minutes. From a technology perspective, the room is connected to IBM Cloud and has access to the majority of IBM tools and services (normally available for special education partners). Cloud connectivity remains work-in-progress. The most important aspect is having access to IBM talent and labs for collaborations on mutual projects. Faculty are encouraged to use the center as a means to inspire professional collaborations with other entities in the IBM ecosystem (e.g., clients, universities, labs, etc.)

Moreover, students and faculty have access to several fully equipped additional lecture rooms outside Building B. The Auditorium (capacity 900), Room C 227 (capacity 120) and E 421 (capacity 190) for example are available to host conferences, high profile guest lectures and workshops.

**The EMBA building** is home to the Executive Master of Business Administration (EMBA) program and the AUD Entrepreneurship and Innovation Centre (AEIC).

The two-story building is designed to ensure an optimal learning environment by utilizing natural light and open plan spaces for collaboration and sharing. The ground floor houses four study rooms; a theater style lecture room that can seat up to 100 students; a flat lecture room and various multi-functional office spaces. The first floor has a conference room that can seat up to forty-five people; three breakout rooms; the Office of the EMBA Program Director; Office of the AEIC Director, Incubator room and several office spaces. Throughout the building there are various lounge areas overlooking the greenery and/or the seated terrace outside. The building is equipped with the latest technology to support teaching and group work including teleconferencing and casting facilities.

AUD's **School of Engineering** houses several labs. The physics lab is equipped with Pasco equipment for conducting a broad range of experiments in motion dynamics, electricity and magnetism. The engineering computer labs house over 100 PC's, equipped with educational and professional engineering software including MATLAB, Maple, PSPICE, AutoDesk, Primavera, GeoSuite, ETABS, SAFE, SAP2000, and Heastad Methods software.

The Electrical and Computer Engineering Labs comprise 14 stations with complete sets of oscilloscopes, digital multimeters, triple DC power supplies, logic analyzers, function generators, operational amplifiers, and semiconductor curve tracers. The labs are also equipped with educational equipment for electric power systems including DC motors, 3-phase motors, transformers, induction motors, and variable speed drives. The Civil Engineering Labs are equipped with concrete and steel testing equipment, theodolites and total stations for field surveying, environmental water and air quality measurement and water treatment systems, and material and geotechnical equipment for specific gravity, hardness, toughness, soil classification, compaction, permeability, consolidation, direct shear and triaxial testing. The Mechanical Engineering Labs house heat and mass exchange units, material microstructure characterization equipment, a number of 3D printers for rapid prototyping, two CNC machines, and a fully-equipped engineering shop. The Civil and Mechanical Labs also house an Instron Universal Testing Machine, as well as multiple workstations for fluid dynamics and hydraulic experiments.

The **School of Education** is located on the second floor of Building E. The close proximity of classrooms, faculty offices and an education innovation lab provide dedicated space wherein students and faculty meet, study, teach and learn together. The physical space known as the school of education includes the education innovation lab, four offices for faculty, and one for the administrative assistant. A generous education reading library of books and resources related to coursework and research is distributed among the three main faculty offices.

The education innovation lab is located in Building E-203 and covers approximately 570 square feet. Established in September 2017, it is designed as a space for creativity, collaboration, conversation, and problem-solving, as well as Socratic teaching and learning. Thus, all furniture and equipment can be easily moved or reconfigured to suit multiple purposes. At present, the lab consists of one main desk with a PC connected to a ceiling projector, a stationary white board across the front wall, a bookcase, six tables, 18 chairs, four flip charts and one 55' flat screen TV with an Apple TV connection—all on wheels. A bank of ten iPads is also available for student use. In addition, an interactive promethean board was installed in November 2017.

### *Statement on Integrity*

As an institution committed to quality, The American University in Dubai views integrity as an underlying tenet to its mission and purposes. The university uses the integrity tenet as a foundation for all of its operations, services, and programs. Integrity serves as an integral foundation to university governance at the level of the Governing Board and in all university operations, institutional representations, advertising, marketing, and services. Honesty and integrity are essential to these functions and serve as the basic contract defining the relationship between the university and its constituencies.

The intention of the university is to advance the intellectual and social condition of learners in a diverse society through quality academic programs, services and other learning opportunities. The university strives to provide students with a learning environment anchored by the highest caliber of instruction built on a solid intellectual and ethical foundation.

### *Institutional Effectiveness*

AUD is committed to continuous improvement of its academic programs and student services. Assessment at AUD is an ongoing process that evaluates the effectiveness of every aspect of the university. Data are regularly gathered and analyzed for the purpose of making improvements where needed. The university's model of institutional effectiveness and planning places the student at the center of the educational experience. Thus, students, along with all other university stakeholders, may be asked to participate in various types of assessment activities, including surveys, focus groups, and program review.

AUD follows The Family and Educational Rights and Privacy Act (FERPA) and ensures student confidentiality is maintained and protected in all university assessment processes and educational records.

The information gathered from assessment activities is used to improve student learning, services, and the overall institution. Student involvement in the assessment process to enhance the educational experiences is essential and therefore AUD values student participation.





## UNDERGRADUATE ADMISSIONS

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## *Mission*

The mission of the Office of Student Recruitment and Admissions is to admit to AUD's degree programs students who possess appropriate credentials and the demonstrated capacity and potential to successfully complete the educational programs provided by the university and meaningfully participate in the total educational experience offered by AUD. The Office of Student Recruitment and Admissions consists of a professional team that assists prospective students gain accessibility to opportunities in higher education. The Student Recruitment and Admissions team is held to a high level of integrity and is charged with providing quality service and accurate information to all students.

## *Goals*

- To provide accurate information on educational opportunities to prospective students;
- To recruit students consistent with AUD's Purpose-related Goals;
- To provide quality services to prospective and new students; and,
- To provide access to higher education.

## *Admissions Philosophy*

A hallmark of AUD is its culturally diverse student population. AUD students come from many different countries and backgrounds and bring a wide range of viewpoints, special interests and talents to enrich the learning community. **The selection of students is based on an individual assessment of each applicant. Final acceptance is not granted until the university has received all required admissions documents.**

## *First-Time Freshman*

AUD seeks well-rounded students who demonstrate a probability for success in the institution's programs of study. To this end, AUD will take into consideration such factors as high school completion, leadership and student activity records, scholastic achievement test scores, evidence of school and community service, student work or employment records, and distinctive talents or abilities possessed by applicants.

## *College Transfer Students*

AUD seeks students who can build on their previous university educational experiences and move successfully to complete degree programs of study. In applicable academic programs, transfer credit may be accepted by AUD from recognized institutions. Courses accepted for transfer must be relevant to the program of study, and the content and outcomes must be considered as equivalent to the courses and outcomes of the AUD degree program.

## *Visiting and Study Abroad*

Applications from Visiting and Study Abroad Students are welcome. Because of our international recognition as an accredited institution, Study Abroad and Visiting students from colleges and universities from all over the world have studied at the American University in Dubai.

## *Documentation*

Students should be aware that all original records, letters and other documents provided to AUD as part of the admissions process will remain university property. Students are required to submit copies of the original documents, with these copies bearing the original required stamps and attestations. Official English translations of all supporting educational documents must be submitted. Translations must be literal (i.e., word-for-word). Physical records for rejected applicants and "no-shows," which are not collected within two years of submission, are destroyed.

## *Process/Requirements*

The university reserves the right to evaluate the adequacy of all credentials submitted for admission. Furthermore, students are reminded that omission or falsification of information constitutes sufficient reason for rejection or dismissal. This dismissal, requiring the President's approval, may occur at any time during a student's residence at AUD; that is, upon discovery of the omission/falsification.

### **All students seeking admission to the university must submit the following:**

- A completed online *Application for Admission*.
- An official attested high school/secondary school transcript (academic record) covering the last **three** years. International and country-specific qualifications (examples include, IB Diploma\*, A-Levels\*\*, Indian and Pakistani Board 10+2 , French Baccaureate, German Abitur, etc...) are considered for admission reflecting a good academic standing. (Required averages vary by school systems; students should consult AUD's Office of Student Recruitment and Admissions for specific requirements).

\* Successful completion of full IB Diploma with an overall score accepted by the Office of Student Recruitment and Admissions is required. IB Certificates are evaluated on a case-by-case basis.

\*\* For British qualifications, the student must complete the 12th Grade (Year 13).

The student should submit a combination of seven subjects (O/AS/A) or four subjects (AS/A) as per the terms set by the ministry:

- Successfully complete five approved Ordinary-Level GCSE or IGCSE subjects with a grade of A\*, A, B, or C (Note: Arabic and Islamic studies are not included)
- Successfully complete two approved Advanced Subsidiary-Level subjects or one approved Advanced-Level subject with a min. grade of C

- High School Diploma

### **High School Certificate Attestation and Certificate of Equivalency**

True copy of certificates should be attested by the appropriate authority as stated below:

Grade 12 transcripts obtained in the U.A.E. must be attested by the U.A.E. Ministry of Education. Transcript with QR codes that can be verified online will not need any attestations.

- High school diplomas and grade 12 transcripts obtained abroad must be attested by:

1. Ministry of Education of the country of study
2. Ministry of Foreign Affairs of the country of study
3. U.A.E. Embassy in the country of study

OR

1. Ministry of Education of the country of study
2. Embassy of the country of study in the U.A.E.
3. U.A.E. Ministry of Foreign Affairs

- Equivalency letter is also required from U.A.E. Ministry of Education for all students.

### **English Language Requirements**

Students should demonstrate the minimal standards of proficiency in English language through submission of the required TOEFL/Academic IELTS/or EmSAT. To be admitted to any of AUD undergraduate programs, applicants must submit the below scores prior to the start of the semester:

- EmSAT 1550 or IELTS Academic 6.5 or TOEFL IBT 79 or TOEFL ITP 550

Students who achieve a minimum score of 1400 on the EmSAT or 6 on Academic IELTS or 69 on TOEFL IBT or 520 on TOEFL ITP will still be accepted as degree candidates and will be enrolled in ENGL100: Developmental English (refer to section developmental on Developmental Studies)

- Students who do not achieve the minimum scores may be placed at the appropriate level of the English Bridge program and cannot register for degree program courses.

## Math Requirements

Students must demonstrate the minimal standards of proficiency in mathematics by submitting any of the below scores (per chosen program of study) or by passing the Math placement test at AUD\*

Test/ Program	Engineering, Biology	B.B.A., B.Arch.	B.F.A. (Interior design Visual Communication), B.A. (International Studies, Psychology ) B.C.I.S.
EmSAT	1500	1300	1100
SAT	590	560	560

\* Students applying to Engineering, Business, and Biology programs who do not acquire the required SAT Math /EmSAT Math scores at the time of admission should have successfully completed Mathematics during High school (last three years) with a minimum grade of 70% or equivalent , and should take the Math placement test at AUD.

Students who do not pass the placement test will be placed in the appropriate developmental MATH course. (Please refer to the Developmental studies section below)

## Exemptions from English and Math Requirements

Students who have the equivalent of English or Math transferred from another recognized university or from advanced high school curricula (IB, A-Level, AP, etc.) will be exempted from submitting test scores or taking placement tests.

## Other Application Requirements

- Valid passport photocopy (and Ethbara page for UAE nationals), visa validity page, and Emirates ID (both sides).
- Army exemption letter for UAE nationals.
- Completed *Health History Form*. This form must be signed and stamped by a physician.
- Financial Requirements: Non-refundable application fee of AED 420. A reservation deposit (non-refundable) of AED 5,000, which is fully applied toward tuition, is required upon acceptance for admission.

## Additional Admissions Requirements for the Engineering Programs

In addition to satisfying the above requirements, Engineering applicants must demonstrate the minimal standards of proficiency in Physics and one Science subject (e.g., Chemistry or Biology) by submitting minimum score of 800 on EmSAT Physics and EmSAT Science subject (Chemistry or Biology) or Minimum grade of 70% on high school subjects in Physics and one other Science subject (Chemistry or Biology).

Students graduating with the UAE Ministry of Education high school diploma should fulfill the below high school average requirements:

MOE track	minimum overall average required
Elite	75%
Advanced	80%
General	90% (to be admitted on a case-by-case basis)

**Computer Placement:** Computer proficiency will be determined by the university's Computer Proficiency Exam prior to their first term of admission into the Engineering programs. A student who fails the Exam will be required to enroll in and pass COMP 101 within his or her first term of admission. In such cases, COMP 101 credit will not count towards any of the School of Engineering program requirements.

## *Additional Admissions Requirements for the Biology Program*

In addition to satisfying the above requirements, Students applying to the Bachelor of Science in Biology program must demonstrate the minimal standards of proficiency in at least one Science subject (Physics, Chemistry, or Biology) by submitting minimum score of 70 on EmSAT Science subject or Minimum grade of 70% on high school science subject.

## *Additional Admissions Requirements for the Architecture Program*

In addition to satisfying AUD's general admissions requirements, students who are admitted to the B.Arch. program must submit a portfolio online (<http://applyonline.aud.edu/arch/>), consisting of:

- Three artworks of the student's production, which may include but are not limited to paintings, drawings, photographs, models, calligraphy or animation – please note that relevance to architecture is encouraged;
- A short paragraph commenting on each work of art;
- Photos of three buildings selected worldwide;
- A short paragraph justifying the choice of each of the three buildings (100 words);

An email confirmation will be sent to applicants upon submission of their application. If all required documents are submitted with the application, the Admissions Committee will inform the applicant of their decision within one week. Applicants with incomplete applications will be notified by email at the time of application about the documents required for the admission decision to be issued.

**Math Placement:** Architecture students who are placed in MATH 205 (by AUD placement test OR SAT Math score of 590 OR EmSAT MATH score of 1500) should replace MATH 105 with a Professional Elective in Architecture to fulfill credit requirements.

## *Transfer Students*

**In addition to the above requirements,** students transferring into AUD should submit:

- Official/attested transcripts reflecting courses for which transfer credit is sought (Transfer Students must be in good academic standing [i.e., with a minimum 2.0 CGPA on a 4.0 scale or equivalent] at the institution from which they are transferring. AUD may require higher than this 2.0 minimum CGPA. As this depends on the university from which the student is transferring, all transfer applicants should consult the AUD Office of Student Recruitment and Admissions for the requirement pertinent to his or her institution).
- Students transferring from American accredited universities are required to submit an official sealed transcript issued at a recent date to the time of application. E-transcripts should be sent directly to the Office of Student Recruitment and Admissions.
- Students transferring from non-American accredited universities should submit an official transcript bearing the original stamp from the Ministry of Education, Ministry of Foreign Affairs and the UAE Embassy in the country of study.
- Confirmation of university records. Form should be e-mailed directly from the student's university to the Office of Student Recruitment and Admissions at AUD – [myapplication@aud.edu](mailto:myapplication@aud.edu).
- Syllabi for all courses for which transfer credit is sought (Students should be aware that they will be held responsible for enrolling in any course at AUD prior to receipt of required course syllabi.). Separately, requests for transfer credit that accompany late applications (i.e., those received two months or less prior to the original date of entry) might not be processed prior to the beginning of the semester of first enrollment.

Transfer credit is accepted by AUD solely at its discretion. In the case of courses taken five (5) or more years prior to enrollment, the "age" of such courses may be reason for refusal of transfer credit, contingent upon the assessment of the Dean, Associate Dean or Chair of the academic unit for which transfer credit is sought.

In order for AUD to consider transferring credit from an institution, this institution must be licensed or officially recognized by the Department/Ministry of Education of the country where it is in operation.

Regulations governing the awarding of transfer credit are contained on pp. 80-81. Transfer students should read these pages carefully.

## Transfer Credits

Please see pp. 80-81 of the *AUD Undergraduate Catalog*.

## Visiting and Study Abroad Students

Students joining AUD for one semester or more with the intention of transferring credits back to their home institution should submit the following documents. Please make sure that the following items are included with your application, your admission will depend on the receipt of all necessary documents that are required throughout the review of your application.

- A completed online *Admissions Application for Study Abroad/Visiting*.
- Official College Transcript (sealed). A minimum CGPA of 2.0 on a 4.0 scale or the equivalent of good academic standing is required. E-transcripts should be sent directly to the Office of Student Recruitment and Admissions.
- Proof of English language proficiency is required for admission. If you have taken any international/national exams (TOEFL or Academic IELTS), please submit them with your application. *Students should consult with the Office of Student Recruitment and Admissions for further details. This requirement can be waived for students who are native English speakers or studying at English medium institutions.*
- Completed *Visiting Student Course Selection Form* for the courses to be taken at AUD and are targeted for transfer to the student's program at the home institution.
- Passport photocopy with validity page (if available).
- Non-refundable application fee of AED 420 / US\$ 115. A reservation deposit (non-refundable) of AED 5,000 / US\$1,370, which is fully applied toward tuition, is required upon acceptance for admission. *Visiting students from one of AUD's partner exchange institutions are exempt from these fees. The list of approved institutions is available online.*
- Completed *Health History Form*. This form must be signed and stamped by a Physician.
- It is mandatory for all Fall and Spring visiting students to apply for a student residence visa at AUD (except for UAE and GCC nationals). Health insurance will be covered as part of the student visa.
- Visiting students interested in applying to AUD for a degree program must be in good academic standing [i.e., with a minimum 2.0 CGPA on a 4.0 scale or equivalent] at the institution from which they are transferring. AUD may require higher than this 2.0 minimum CGPA. As this depends on the university from which the student is transferring, all applicants should consult the AUD Office of Student Recruitment and Admissions for the requirement pertinent to his or her institution.

## Statement on Prior Learning

Prior learning is a practice whereby a college or university grants academic credit for learning outside the classroom; i.e., learning acquired through work experience, civic activity, independent study or corporate training. The granting of credit by AUD for learning acquired outside of AUD is limited to courses transferred into AUD per the Transfer Credit/Residency Requirements policy on pp. 80-81 of the *AUD Undergraduate Catalog*. Hence, only academically generated credit is recognized.

## Advanced Standing Credit

Students desiring to request credit evaluations for advanced standing credit (A Levels, Advanced Placement, IB Diploma, French Baccaureate, German Abitur), should contact the Office of Student Recruitment and Admissions for information on university processes and procedures for advanced standing.

Advanced Placement (AP) Examinations provide students with the opportunity to complete college-level coursework while in high school and to gain valuable skills and study habits for college. If a student achieves a qualifying score of 3 or higher on the respective AP Examination, proficiency credit is awarded according to ACE recommendations for the respective lower level course requirements. Students must submit an official AP score report to be evaluated for this proficiency credit award.

## Academic Proficiency Assessment

As previously noted, selection of students for admission into degree programs of study is based on an individual evaluation of each applicant's capability or potential for successful completion of the program. To assist the institution in academically advising students, assessment of academic proficiency is required for all undergraduate applicants and transfer students who have not satisfied the institution's English/Mathematics requirements. AUD will use the results of this assessment to determine appropriate academic placement and the need for developmental course work.

If it is determined that a student does not possess the minimal standards of proficiency in language, reading or mathematics, he or she will be enrolled in the appropriate developmental course.

## Developmental Studies

Developmental studies courses enable the university to accept students who require academic support to develop basic academic proficiency in the areas of Mathematics and English.

Enrollment in all developmental courses is determined by exam scores or by placement tests. Developmental courses carry **no university credit**; however, these courses will appear on the student's transcript and will affect the student's academic progress as highlighted below.

**“P” is the minimum passing grade in all developmental courses.**

First year incoming students who are placed into Developmental courses (ENGL 100, MATH [see table below], UNIV 100) must matriculate as follows:

- In the first semester, students can register for five courses: UNIV100, ENGL 100 and/or the appropriate MATH level + other courses from a pre-approved list;
- Students are required to register and successfully complete all developmental courses (ENGL 100, MATH [see table below], UNIV 100) within three registered terms including that of initial registration and no more than two academic years;
- Students who fail to successfully complete all their developmental courses within three terms, will be limited to only those developmental courses the next term in which they are enrolled, and may not register for any new courses for-credit;
- The maximum number of attempts for any of these developmental courses is three; and,
- Failure to successfully complete these courses within the above stated time frames and regulations will result in dismissal from the university.

Program	Required MATH course
Interior Design Visual Communication International Studies Communication and Information Studies Psychology	MATH 090
Architecture	MATH 095
Business Administration	MATH 095 and MATH 103
Biology Engineering	MATH 095 and MATH 104

Note: For information regarding the English Bridge Program and the Intensive English Language Program, please see pp. 169-171.

## ENGL 100

Students accepted into the university who achieve a minimum score of 1400 on the EmSAT or 6 on Academic IELTS or 69 on TOEFL IBT or 520 on TOEFL ITP will still be accepted as degree candidates and will be enrolled in ENGL100: Developmental English (refer to section developmental on Developmental Studies)

This is a non-credit course. Advancement into ENGL 101 requires passing ENGL 100.

ENGL 100 prepares students for university level English classes. It focuses heavily on mastering basic writing skills - creating a thesis statement, providing specific and relevant support, using transitions and other paragraphing conventions and proofreading for accuracy in spelling, grammar and punctuation. Students in ENGL 100 may take three or four other courses concurrently with ENGL 100 as per the sequence set by each Department.

### ENGL 100 | DEVELOPMENTAL ENGLISH

**Prerequisite:** placement by IELTS Academic or TOEFL or EmSAT English or another internationally-recognized exam | F, S, SI, SII

Using the process-based approach, this course enables students to acquire and apply the fundamentals of effective essay writing. Students develop their writing, reading, and critical thinking skills through analysis of a variety of texts.

### MATH 090 | BEGINNING ALGEBRA

**Prerequisite:** placement by ACCUPLACER™ | F, S, SI, SII

This course provides students with prerequisite skills for required mathematics courses in arts, humanities, social sciences, and communications programs. Topics include algebraic expressions, linear equations and inequalities, and applications.

This is a non-credit course. Advancement to MATH 101 (for Bachelor of Arts in International Studies, Bachelor of Arts in Psychology, Bachelor of Fine Arts in Interior Design, Bachelor of Fine Arts in Visual Communication and Bachelor of Communication and Information Studies) requires passing MATH 090.

### MATH 095 | BEGINNING AND INTERMEDIATE ALGEBRA

**Prerequisite:** placement by ACCUPLACER™ | F, S, SI, SII

This course provides students with prerequisite skills for required mathematics courses in the Biology, Engineering, Business Administration and Architecture programs. It fosters manipulation of algebraic expressions, relations in one variable, and linear relations.

This is a non-credit course. Advancement to MATH 103 (for Business students), MATH 104 (for Biology and Engineering Students) or MATH 105 (for Architecture students) requires passing MATH 095.

### MATH 103 | FOUNDATIONAL MATHEMATICS FOR BUSINESS

**Prerequisite:** placement by ACCUPLACER™ or successful completion of MATH 095 | F, S, SI, SII

This course develops basic concepts of pre-calculus used in the business environment. Topics include elementary linear, quadratic, polynomial, rational, exponential and logarithmic functions, with a focus on applications in business and economics.

### MATH 104 | FOUNDATIONAL MATHEMATICS FOR ENGINEERING

**Prerequisite:** placement by ACCUPLACER™, SAT, or successful completion of MATH 095 | F, S, SI, SII

This course aims at providing Biology and Engineering students with the skills and concepts needed in further calculus courses. Topics include: quadratic, logarithmic, exponential and trigonometric functions, systems of linear and nonlinear equations, vectors, and trigonometric laws and equations.

### Computer Proficiency Examination

Students who believe that on the basis of computer proficiency acquired prior to joining university they should be exempt from taking COMP 101 may sit for the AUD Computer Proficiency Examination. **If exempted, the student will be required to substitute COMP 101 with ENGG 140. Students applying to any of the Engineering majors,** are required to take the university's computer Proficiency Exam prior to their first term of admission into Engineering. A student who fails the Exam will be required to enroll in and pass COMP 101 within his/her first term of admission.



In such cases, COMP 101 will not count towards any of the School of Engineering program (**Engineering majors are not required to substitute any course if they have been exempted from COMP 101**).

### **Applicants for a Second Degree**

Applicants for a second undergraduate degree must provide a written petition explaining the rationale behind their application. An applicant may not apply for a second degree in the same field of study. The petition will be evaluated by the head of the academic unit (Dean, Associate Dean or Chair) offering the second degree to determine the level of similarity between the first and second degrees, and approval of the petition may or may not be granted accordingly. Once enrolled, an applicant for a second degree may not change his or her program without the approval of the Provost and Chief Academic Officer. Credits from the first undergraduate degree are transferable following the same policies and procedures as for regular transfer students. Upon completion of the first degree, AUD graduating students can apply for a second degree through the Office of Student Recruitment and Admissions.

### **Readmission Following Interruption of Degree Progress**

Students who seek re-entrance following a period of suspension must follow the procedures listed on pp. 80-81 of the *AUD Undergraduate Catalog* under “Readmission from Academic Suspension.” **Regardless of his or her academic status at the time of leaving AUD, if the period of interruption of degree progress is for one calendar year or more, the student must reapply to the university through the Office of Student Recruitment and Admissions.** Returning students will be required to complete the degree requirements as stated in the *Undergraduate Catalog* in effect at the time of their re-enrollment. Should the student have taken courses at another institution during his or her absence from AUD, a minimum CGPA of 2.0, supported by an official transcript, is required for re-admission. The granting of transfer credit is at AUD’s discretion. AUD may require higher than a 2.0 minimum CGPA. As this depends on the university from which the student is returning to AUD, all returning students should consult AUD Office of Student Recruitment and Admissions for the requirement pertinent to the institution attended during the interruption of degree progress.

### **Admissions - Certificate in Middle Eastern Studies**

General Requirements in order to qualify for admission to the Certificate in Middle Eastern Studies program, students must:

- Be in good academic standing at AUD or their primary university of study;
- Be pursuing or having pursued/earned a bachelor’s degree at an institution accredited by the Ministry of Education in the U.A.E. or by the relevant national or regional institutional accrediting body in the case of international applicants;
- Have successfully completed ENGL 102 (Advanced Composition and Research) or its equivalent for students coming from institutions in which English is the language of instruction;
- Satisfy all other requirements for admission to AUD (see pp. 18-20);
- Satisfy the English language requirements for students coming from institutions in which English is not the language of instruction.

### **Admissions – Dual Credit Courses**

Entry to the dual credit pathway is regulated through the admissions criteria noted below:

To be eligible for dual credit undergraduate courses, high school students must:

- Be in their final two years of high school study (typically grades 11 and 12, or the equivalent)
- Be on the Advanced or Elite tracks of the Ministry curriculum, or be eligible for courses such as AP, IB or A-Levels
- Have a high school CGPA of 3.5 based on AUD’s grade scale
- Meet AUD’s minimum TOEFL / IELTS English Language requirements
- Where applicable, students must satisfy AUD placement test requirements (or the equivalent) for entry into mathematics or science courses
- Submit a Dual Credit Application to the AUD Office of Student Recruitment and Admissions
- Provide two letters of recommendation from teachers/counselors

- Where applicable, students must meet additional admissions requirements set by their high school's dual credit policies

*Note: Admission to the dual credit program is not a guarantee of admission to AUD as a degree seeking student.*

More information about Dual Credit Courses can be found on pp. 83-85 of this catalog.

## **Application Deadlines:**

### **Fall semester**

- Submission of early applications up until March/April (will be given preference for early class registration)
- Submission of late applications through July/August (late applications will be considered based upon admission availability)

### **Spring semester**

- Submission of early applications up until October/November (will be given preference for early class registration)
- Submission of late applications through December/January (late applications will be considered based upon admission availability)

### **Summer I & Summer II**

- Open Admissions



## SCHOLARSHIPS\*

- The H.H. Sheikh Mohammed Bin Rashid Al Maktoum Scholarships for Academic Achievement
- Mohammed Bin Rashid School for Communication Scholarship
- Gebran Tueini Scholarship
- The William Jefferson Clinton Scholarship at AUD
- Scholarships for In-school Students

\*For information on other Scholarships, contact the Office of Student Recruitment and Admissions or check <https://www.aud.edu/admissions/scholarships/>

## *The H.H. Sheikh Mohammed Bin Rashid Al Maktoum Scholarships for Academic Achievement*

### Background and Objective

In May, 1999, on the occasion of the Second Commencement Exercises of The American University in Dubai held under his patronage, His Highness Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the U.A.E. and Ruler of Dubai, announced the creation of scholarships for eligible prospective AUD students. The university's Administration has designated the scholarships to carry Sheikh Mohammed's name, citing how His Highness' gesture reflects a deep commitment to education as the driving force in the accomplishment of Dubai's and the U.A.E.'s public agenda. The H.H. Sheikh Mohammed Bin Rashid Al Maktoum Scholarship for Academic Achievement has been conceived with the objective of rewarding academic excellence and responding to financial need; as such, they will act as an incentive and reward for superior scholastic performance, as well as providing an economic contribution to the acquisition of an American-accredited university degree.

### Eligibility

In order to be eligible for a Scholarship, a high school student must be an applicant to one of AUD's degree programs. The scholarship is open to all nationalities and high school applicants should have at least a 90% grade average (or equivalent).

### Selection Criteria

Academic performance will be determined by a high school average or CGPA of the last three years. TOEFL®/Academic IELTS™/EMSAT and SAT® scores will be used in case of ties. It is expected that recipients will have earned an academic status well above the minimum required for admission or continuance in a degree program. Financial need as demonstrated by insufficiency of financial support to fund educational expenses will also be considered.

### Coverage/Renewal

The scholarship entitles the recipient to a waiver of tuition (25%, 50% or 100%) for one academic year (two semesters [Fall and Spring]) until graduation. **The Scholarship does not cover either overloads or courses taken in the Summer terms.** The Student must enroll for two successive semesters and carry a full load of academic credits (12 to 16 hours) each semester. The renewal of a scholarship for existing holders will be reassessed once a year prior to the beginning of the Fall semester and students are expected to maintain a Cumulative Grade Point Average of 3.0 or above by the end of each academic year. Failure to comply with any of the above could result in the termination of the scholarship\*.

\* Changes in major (program) may result in student forfeiture of the scholarship.

### Application Process

In order to apply, a new student must fill out an AUD application online for The HH. Sheikh Mohammed Bin Rashid Al Maktoum Scholarships for Academic Achievement within the deadline highlighted on the website. Upon review of an applicant's academic and financial status, results will be shared after the decision is taken by the Scholarship Committee.

### Repeating a Course

The Scholarship program will not cover the repetition of any course previously taken and passed at AUD.

### Withdrawal from a Course

Students are allowed to withdraw from a maximum of two courses during the entire period of Scholarship coverage. The penalty for exceeding this two-course withdrawal is reflected in the *Financial Information* section of this *Catalog* (see p. 256).

## Mohammed Bin Rashid School for Communication Scholarship

### Eligibility

In order to be eligible for a Scholarship, a high school student must be an Arab National and applicant to the B.C.I.S. degree program, majoring in either Digital Production and Storytelling or Journalism. High school applicants should have at least a 90% grade average (or equivalent).

### Selection Criteria

High School applicants must be exceptional students with an outstanding high school average; i.e. among the top performers in the class, whether from a private or public school. In addition, financial need as demonstrated by insufficiency of financial support to fund educational expenses will also be considered.

In addition, applicants must:

- Submit a portfolio consisting of art work articles, other audio-visual work, or any creative work done by the applicant, in addition to two qualifying essays
- Sit for a qualifying interview conducted by a member of the MBRSC Admissions Committee

### Coverage/Renewal

The scholarship entitles the recipient to a waiver of tuition for one academic year (two semesters [Fall and Spring]/32 credit hours) until graduation. The Scholarship does not cover either overloads or courses taken in the Summer terms. The student must enroll for two successive semesters and carry a full load of academic credits (12-16) each semester.

The renewal of a Scholarship for existing holders will be assessed each year prior to the beginning of the Fall semester and students are expected to maintain a Cumulative Grade Point Average of 3.0 or above, measured at the end of each academic year. Failure to comply with any of the above may result in the withdrawal of the Scholarship\*.

\* Changes in major (program) may result in student forfeiture of the scholarship.

### Application Process

In order to apply, a new student must fill out an *AUD Application online for the Mohammed Bin Rashid School for Communication Scholarship* within the deadline highlighted on the website. Upon review of an applicant's academic and financial status, results will be shared after the decision is taken by the Scholarship Committee.

### Repeating a Course

The Scholarship program will not cover the repetition of any course previously taken and passed at AUD.

### Withdrawal from a Course

Students are allowed to withdraw from a maximum of two courses during the entire period of Scholarship coverage. The penalty for exceeding this two-course withdrawal is reflected in the *Financial Information* section of this *Catalog* (see p. 256).

## The Gebran Tueni Foundation (GTF)

### Eligibility

In order to be eligible for the Scholarship, the student must be new to AUD, of Lebanese nationality, and applying to the Arabic track of the Bachelor of Communication and Information Studies (B.C.I.S.) degree program, majoring in either Digital Production and Storytelling or Journalism. High school applicants should score a minimum 14/20 in the Lebanese Baccalaureate, or have an Excellent academic average from other high school systems (Required averages vary by school systems, students should consult the AUD Office of Student Recruitment and Admissions for pertinent requirements).

### Selection Criteria

Applicants must be exceptional students with an outstanding high school average; i.e. among the top performers in the class, whether from a private or public school.

In addition, applicants must:

- Submit a portfolio consisting of art work, articles, other audio-visual work, or any creative work done by the applicant
- Sit for a qualifying interview conducted by a member of the MBRSC Admissions Committee

## Coverage/Renewal

The Scholarship entitles the recipient to a waiver of tuition for one academic year (two semesters [Fall and Spring]/32 credit hours) until graduation (terms and conditions apply); it also covers dorms and visa charges (Travel and Visa regulations of students is subject to the prevailing governmental regulations and directives).

## Application Process

In order to apply, a new student must fill out AUD Application online within the deadline highlighted on the website. Upon review of an applicant's academic and financial status, results will be shared after the decision is taken by the Scholarship Committee.

## Repeating a Course

The Scholarship program will not cover the repetition of any course previously taken and passed at AUD.

## Withdrawal from a Course

Students are allowed to withdraw from a maximum of two courses during the entire period of Scholarship coverage. The penalty for exceeding this two-course withdrawal is reflected in the Financial Information section of this Catalog (see p. 256).

## *The William Jefferson Clinton Scholarship Program at the American University in Dubai*

### Introduction

The William Jefferson Clinton Scholarship at the American University in Dubai seeks to further the goals of the Clinton Foundation to strengthen the capacity of people in the United States and throughout the world to meet the challenges of global interdependence. In partnership with the American University in Dubai, the program will provide American students based in the US the opportunity to expand their educational and cultural horizons by studying in the Arab world.

President Clinton has acknowledged the leadership of H.H. Sheikh Mohammed Bin Rashid Al Maktoum, Vice President and Prime Minister of the U.A.E. and Ruler of Dubai, to make Dubai a model for intercultural harmony and understanding. President Clinton gave public recognition to this during his keynote Address at AUD's Fifth Commencement (June, 2002) in which he cited the multi-cultural composition of AUD's student body consisting of over one hundred nationalities, as a microcosm of Dubai's multi-ethnicity. In this spirit, the Clinton Presidential Foundation and AUD have established this program to encourage others to witness this diversity.

### Eligibility

The scholarship is open to only students who are U.S. Citizens. In order to be eligible for the scholarship, a student must currently be enrolled as a full-time undergraduate degree candidate at an accredited four-year college/university in the United States. It is expected that recipients will demonstrate exemplary academic achievement. Preference will be given to students who show interest in being exposed to the Middle Eastern and Islamic cultures for the first time.

### Program Information

Clinton Scholarship Recipients will receive:

- A full waiver of tuition for one semester (fall or spring);
- On-campus housing at the American University in Dubai on a shared-room basis.

Scholarship recipients must carry a full load of academic credit (12-16 hours) during each semester of study. If scholarship awardees fail to remain in good academic standing as defined by AUD's academic standards or fail to adhere to the AUD code of conduct, program participation will be terminated. Board, texts, transportation and extracurricular activities are the financial responsibility of the student.

In order to be awarded the Clinton Scholarship, scholarship recipients must apply and be admitted to AUD as a visiting student. All the scholarship recipients will be required to make contribution to the program by generating materials including but not limited to journals, social media posts and service as a mentor for future recipients to further support and promote the goals of the program.

## Application Process

To apply, a student must complete an application for *The William Jefferson Clinton Scholarship at The American University in Dubai* and successfully complete and submit the following documents along with the application form online:

- The [Clinton Scholarship Application Form](#);
- Passport photocopy with validity page;
- A personal statement (500 words minimum) addressing the qualities that distinguish the applicant for The William Jefferson Clinton Scholars Program at AUD;
- Official copy of the applicant's current undergraduate transcript showing that the applicant
  - is in good academic standing [i.e., 3.0 cumulative GPA or equivalent] at the institution from which he or she is applying;
  - has completed or is completing one full year of study as a fulltime student at a four-year accredited U.S. college or university;
- A résumé indicating work and/or leadership experience; and,
- One letter of recommendation. (To be submitted by reference.)

Application deadlines are as follows:

Term	Deadline
Fall	April 15
Spring	October 15



## OFFICE OF THE REGISTRAR

- Mission
- Goals
- Policies



The Office of the Registrar supports AUD's academic initiatives by fulfilling the following functions:

- maintaining student academic information; ensure the integrity, accuracy and security of all academic records of current and former students;
- maintaining up-to-date class schedules, final exam schedules, and managing efficient use of classrooms;
- maintaining university curriculum and serving as the central office for implementing updates;
- conducting and managing the process of registration;
- monitoring and reporting on student satisfactory academic progress and academic eligibility, such as degree completion, probations and suspensions, honor rolls and graduation rolls;
- coordinating and issuing official enrollment and academic certifications as required by students, such as proof of enrollment letters, ID cards, transcripts and diplomas;
- posting of transfer credits for new and in-school transfers;
- monitoring and updating student grades and degree audits;
- furnishing data for advising, instruction and policy development; and,
- organizing commencement exercises, generating and monitoring participants' eligibility list, and confirming awarding of degrees.

## **Mission**

The AUD Office of the Registrar is committed to supporting the university's mission of student success, accountability and excellence in fulfilling its core responsibilities of course scheduling, managing registration, and keeping academic records.

## **Goals**

The Office of the Registrar seeks:

- To ensure the implementation of academic policies and procedures that support the mission of the institution;
- To administrate an efficient scheduling and the student registration process;
- To support the university's efforts to provide quality service for students making office-related functions as efficient and seamless as possible;
- To support AUD's continuous assessment process by providing timely and accurate information for administrative purposes and accreditation bodies;
- To contribute significantly to improving academic support infrastructure through providing accurate and timely data to all related units by collaborating with both academic and administrative departments; and,
- To adapt services, create innovative solutions, deploy effective technologies, and leverage limited resources to meet students, faculty and staff needs and improve satisfaction.

## **Policies**

### **Policy on Student Record Retention and Storage**

In order to fulfill its commitment to the security, confidentiality and integrity of its student academic records, The American University in Dubai follows a Policy on Academic Record Retention and Storage. Details of this Policy are available in the Office of the Registrar and the Office of Institutional Effectiveness.

### **Directory Information Changes**

It is the responsibility of students to contact the Office of the Registrar immediately in the event of any address, telephone number or email address changes. An online request form for *Directory Information Changes* is available on the Registrar's webpage [www.aud.edu](http://www.aud.edu) > Registrar > forms and requests.

### **Undergraduate Classification**

A student's enrollment status or classification is based upon the number of credit hours completed. A student with 0-30 credit hours is classified as a freshman, a student with 31-60 credit hours is classified as a sophomore, a student with 61-90 credit hours is classified as a junior and a student with more than 90 credit hours is classified as a senior.

### **Release of Grades**

Final grades are released by the Office of the Registrar within three working days after the end of each academic term. All grade reports are available online at <http://registrar.aud.edu/>.

## Registration

The Office of the Registrar is responsible for overseeing the registration process. Registration for all students is completed online. Freshmen, Sophomores, Juniors and Seniors are limited to specific registration periods. The registration dates and deadlines are published online and can be accessed as follows: [www.aud.edu](http://www.aud.edu)> Registrar> Course Schedule & Registration Deadlines

Students with overdue library books, incomplete admissions files, in possession of school property or are delinquent in the payment of fees, will not be allowed to register until the irregularity is remedied.

## Wait Listing

Wait listing is a function that the Office of the Registrar in conjunction with Academic Departments may employ to deal fairly with students who wish to enroll in classes that reach enrollment capacity during registration. By placing themselves on a waitlist, students help academic departments track demand for courses. If a course has a large number of students on the waitlist, departments may decide to open an additional class section to meet the demand.

To add their name to the wait list, students must apply online through [www.Registrar.aud.edu](http://www.Registrar.aud.edu)>course waitlist..

## Drop/Add

Students may make schedule changes without penalty during each academic term's Drop/Add period. Students with fewer than 90 credit hours, Engineering students and students on GPA/MGPA hold must obtain their academic advisor's approval to drop/add a course. **Drop/Add is not allowed outside this period.**

## Withdrawal from Courses

Students who do not wish to proceed with a course past the Drop/Add period are allowed to withdraw officially (and obtain a 'W' grade no later than the end of the tenth week of the semester (end of the fifth week in a summer session). A grade of 'W' is also used to denote withdrawal of students in case of dismissal by a Conduct Council. The university does not grant a grade of "W" retroactively.

To withdraw from a course, students must apply online through <https://registrar.aud.edu/>.

Students on scholarship must follow the relevant scholarship rules and regulations concerning withdrawal. Failure to do so entails financial penalties (see p. 256 of this *Catalog*).

## Withdrawal from the University

AUD students intending to withdraw from the university must submit a written notice to the Office of the Registrar by completing the *AUD Withdrawal Form* available online. Any outstanding tuition or fee charges owed must be paid at the time of withdrawal. Student requests for official or unofficial AUD transcripts are not honored until outstanding charges are paid.

The Last Date of Attendance is used as the official date of withdrawal in all cases for refund calculations. **W or F grades will be assigned to all courses based on whether the withdrawal occurs before (W) or after (F) the term withdrawal date specified in the University Calendar.**

Students desiring to re-enroll at AUD after a period of one year from the official date of withdrawal must contact the Office of Student Recruitment and Admissions to re-activate their files. They will be required to provide updated information and pay the current Reservation and Enrollment deposit. Students desiring to re-enroll after less than a one-year period, since the official date of withdrawal, should contact the Office of the Registrar to initiate the re-enrollment process.

## Official Student Schedule

Students official schedule is recorded by the Registrar at the end of Drop/Add. Students may view this schedule by following this link ([schedule.aud.edu](http://schedule.aud.edu)).

## Request for Transcripts

A transcript is not considered official unless it is issued by AUD. Requests for transcripts from The American University in Dubai must be made by filling out an online request form on the Registrar's webpage [www.Registrar.aud.edu](http://www.Registrar.aud.edu)>transcripts. The fee for each official transcript is AED 50. **Students should allow two working days for the processing of transcript requests.** Students can request special mail services at an additional cost.

**No official transcripts are issued to a student whose file is incomplete. A transcript cannot be released to a third party without a Consent to Release Education Records Exception Form completed by the student online. Transcripts, which are not collected within one calendar year of issuance will be destroyed.**

### Digital Transcripts

Enrolled students may request an official transcript in digital format by filling out the online request for a digital transcript, available on the Registrar's webpage : [www.aud.edu](http://www.aud.edu) > Academics>Registrar Resources > Student Forms & Requests > Official transcript (softcopy). The fee for a digital transcript is 50 AED. The digital transcript is valid for one semester.

### Digital Academic Passports

AUD Graduates may request a Digital Academic Passport, which is comprised of a signed soft copy of the AUD diploma, and a digital official transcript. This digital academic passport is valid throughout a graduate's lifetime. The Digital Academic Passport request form is available on the Registrar's webpage: [www.aud.edu](http://www.aud.edu) > Academics>Registrar Resources > Student Forms & Requests > Digital Academic Passport. A one-time fee of AED100 applies towards the Digital Academic Passport. Upon issuance, the Digital Academic Passport may be accessed anytime under the graduate's Digital Academic Passport account accessible through <https://ap.aud.edu>. Moreover, students and alumni can share digital credentials with recipients, who can then verify the credentials through an automated process.

### Certificates of Enrollment

Students may request certificates of enrollment or formal letters from the Office of the Registrar by filling out the *Letter Request Form*, available on the Registrar's webpage <https://registrar.aud.edu/Registrar.aud.edu> >Letters. **Two working days for the processing of letter requests should be allowed.**

### Names on Diplomas and Name Changes

The name that appears on a student's diploma will be consistent with the name that appears in the student's file upon admission and is corroborated by a passport or identity card. Any name change request must be authenticated by a passport or other appropriate documentation.

### Diploma Replacement

If an original AUD diploma is destroyed or lost, a duplicate may be ordered from the Office of the Registrar. *The Duplicate Diploma Request form* must be completed by the graduate and any evidence that the original diploma was lost, stolen, or destroyed must be attached to the *Request* (e.g., police report, fire department report). If the original diploma is damaged, the *Duplicate Diploma Request form* must be completed and the damaged diploma must be submitted to the Registrar's. The reverse side of the duplicate diploma will be stamped with the words, "Duplicate issued on MM/DD/YY to replace lost/destroyed original diploma." In order to receive this duplicate, graduates must fill the *Duplicate Diploma Request form*, available online [www.Registrar.aud.edu](http://www.Registrar.aud.edu)>diploma request and pay the university's diploma fee.

### Attestation of Diplomas

The Office of the Registrar is responsible for processing the issuance of all diplomas and transcripts for attestation by the U.A.E. Ministry of Education. **Obtaining the actual attestation is the students' responsibility.**



## OFFICE OF COMMUNICATIONS

- Mission
- Goals

## **Mission**

The mission of the Office of Communications, is to oversee marketing, communications operations and build awareness, create identity and foster relationships for AUD among the university's key constituencies. Traditional and leading-edge media, as well as other forms of outreach, are used for this purpose. Communications activity, in both form and substance, is consistent with AUD's Mission.

## **Goals**

- To increase AUD's brand awareness in the UAE and internationally to key audience and stakeholders: current and prospective students; current and prospective faculty and staff; government entities; employers; alumni; schools and other institutions of higher learning; accrediting bodies;
- To inform its multiple target audiences of news and updates relevant to their interest: Internal and external events on campus, key achievements, student and faculty success stories, exclusive activities and workshops, new programs and courses that serve to enhance AUD's Mission and Purpose-related goals; and,
- To engage key stakeholders on an on-going basis through these activities, events and programs.

## **Social Media**

The Office of Communications maintains all of AUD's social media channels including:

### **Facebook**

AUDubai

### **Twitter**

AUDubai

### **LinkedIn**

american-university-in-dubai

### **YouTube**

AUDChannel

### **Instagram**

audubai

### **AUD App**

American University in Dubai

### **Tiktok**

audubai

## **The Events Calendar**

The Office of Communications is in charge of the Events Calendar, an online system developed for booking meetings and events on campus. All faculty and staff can access the calendar. Student-led events are booked through the Student Activities Coordinators. The Events Calendar can be accessed [online](#).



## OFFICE OF OUTREACH AND CAREER DEVELOPMENT

- Alumni Relations
- Career Services
- Outreach

## **Mission**

The Office of Outreach and Career Development aims to instigate and sustain relationships with the external public, corporate, and government entities to further increase the visibility of AUD's programs and ultimately benefit the university community. The Office also identifies career prospects for AUD students, while fostering a sense of community among enrolled students and graduates leading to an active alumni network, which in turn, favors life-long career advancement in support of the University's mission.

## **Goals**

- To establish and retain local, regional and international relations with the local and international communities, leading to widening AUD's external network of partnerships and affiliations;
- To establish relationships locally with different entities and explore various prospects of collaboration such as Memorandums of Understanding, etc...tackling employment opportunities, scholarships, and other matters of benefit to AUD;
- To liaise with prospective companies and organizations to provide a wide range of employment opportunities for AUD students;
- To guide and support students in their academic and professional journey to successfully transition to the work world after graduation and embark on prosperous career paths;
- To build and manage AUD's relationship with its Alumni and establish a solid Alumni Association through varied activities and programs.

## **AUD Alumni Association**

The AUD Alumni Association (AUDAA) is the student's link to the university after graduation. The Association extends the AUD community beyond graduation, forging a lifelong bond with the university.

The purpose of the Association is to promote excellence in all aspects of its alumni, establish a relationship between each graduate and the university, promote communication amongst graduates and the community, and to create a powerful professional network. To learn more about the Alumni benefits, Alumni events and ways to give back to the AUD community you can contact [audalumni@aud.edu](mailto:audalumni@aud.edu) or surf the AUD webpage and Instagram account #aud\_aa.

## **Career Services Division**

The AUD Career Services Division liaises with regional and multinational companies, creating a business network to offer employment and internship opportunities to AUD students and alumni. Through a series of workshops and on-campus events, students, graduates, and employers are brought together to ensure that AUD's talent is employed by the market's leaders. The annual Career Fair is the epitome of the unit's efforts in achieving student and employer networking.

The career counselors assist students and alumni to successfully explore and prepare for rewarding and meaningful careers which will allow them to develop and maintain a competitive advantage in the emerging employment market; and ensure that students successfully bridge the transition from university life to work-life through equipping them with career guidance, interview tactics, job search skills, marketplace readiness preparation, and a network of employment opportunities.

Numerous career-related prospects are constantly offered to help students and alumni enhance their resume, cover letter writing, interview techniques, professional development, aptitude assessment, and general career counseling. Besides, the career team is in charge of giving advice and guidance on internships, employment search strategies, and applications, as well as soft skills building. Students are strongly encouraged to remain up to date on the latest career resources and job opportunities by creating a unique user profile on the Career "[audubai.jobteaser.com](http://audubai.jobteaser.com)" During their first academic year, the students are advised to work closely with a career counselor to develop their career plans and be involved with on-campus events in parallel with their studies.

## **Career Counseling Process**

Career counseling sessions and workshops are provided to all students and alumni. Registering on the career center "[audubai.jobteaser.com](http://audubai.jobteaser.com)" is the starting point for the students to get all the support they need to help kick start their career with top tips and resources on hand to turn them into true professionals, seek their favorite recruiters, attend coaching workshops, one on one meetings with counselors and have access to in-person and virtual events.

## **Internship Program**

The goal of the Internship Program is to provide students the opportunity to apply theoretical principles learned in the classroom to the professional environment, and to help them make the transition from being a student to being a professional. The program promotes connections between AUD and the UAE professional community and a larger global environment.

Senior-year students are eligible for accredited internships after completing course work and other minimum requirements as specified by their School/Department. The opportunity to participate in university-approved internships is an option available to students in all majors, and students are encouraged to take advantage of this program. The Career Services Division in collaboration with academic departments ensures that an adequate number of quality internship opportunities are available for selection by students at the AUD career center. Students are also expected to seek internship opportunities through their professional network or faculty advisors, they are not limited to the career services' resources as long as the internship complements the learning objectives of the course.

Internships may be completed in any of the academic semesters or during the Summer. **Before students can register and start their internship, the Dean, Associate Dean or Chair must approve the host company and the internship program. The total amount of internship credit must not exceed three credit hours towards completion of the student's degree program. An exception to this limit, approved by the Dean, Associate Dean or Chair, may be granted in the case of students with double majors. In all cases, it is imperative that students identify and register for the internship before the start of the academic semester/term during which the internship is set to take place. Credits cannot be claimed for internships that were completed without students being registered in advance.**

All internships must be completed within the United Arab Emirates. Exceptions are assessed and approved on a case-by-case basis by Deans, Associate Deans or Chairs and are subject to a final approval by the Provost and Chief Academic Officer. Students may not work in a family business or with a parent/relative at the host company.

**During the internship program, students must submit all required reports via the online Internship [Portal](#) to the faculty internship supervisor as per the Department's requirements.** Additionally, at the end of the internship, the company supervisor receives a reminder email to evaluate the student by completing the online Evaluation Report. A final Pass (P) or Fail (F) grade is assigned by the allocated faculty internship supervisor.

Students can learn more about the internship program by visiting the Career Services Division or downloading the *Internship Program [Manual](#)* on the Career Services [webpage](#).

## **Professional Development Series**

The Career Services Division offers several opportunities for students to network with employers and gain a perspective on various careers and fields. Industry professionals are invited to offer on-campus presentations related to corporate life, professional career preparation and industry trends.

## **Outreach**

The Outreach Division leads the development, implementation, and evaluation of affiliations, programs, and events that aim at increasing the university's outreach to corporate, government, and other institutions.

The Division's purview is to implement and sustain the strategic approach to external relations on a university level and maintain long-term relationships with supporters and external partners.





## OFFICE OF STUDENT AFFAIRS

- Mission
- Goals
- Athletics
- Counseling
- Housing
- Student Activities
- Study Abroad & Exchange Unit
- Student Affairs Programs
- Student Affairs – Hours of Operation

## *Mission*

The mission of the Office of Student Affairs is to support the university's mission by providing students diverse resources, facilities, events, and extracurricular programs that contribute to their academic, personal and professional development.

## *Goals*

- To develop and deliver extracurricular programs, events and activities designed to cultivate students' humanistic outlook, social and leadership skills and cultural understanding;
- To guide and support students in their academic and professional journey so that they can successfully graduate and embark on a prosperous career path;
- To foster a sense of community among enrolled students and graduates leading to an active alumni network that positively reflects AUD's qualities and values within their respective communities; and,
- To collaborate with all university constituents in devising a plan to further enhance and support student retention.

## *Athletics*

The AUD Athletics Division promotes and strengthens individuals' leadership, teamwork, and collaboration skills through a wide range of athletic opportunities, including sports team competitions, intramurals, drop-in sports, and fitness-related activities.

For the highly competitive student athlete who is interested in competing against universities from the U.A.E. and elsewhere, AUD offers a number of intercollegiate team sports. Tryouts for students who desire to join the AUD teams are carried out at the beginning of each semester.

Facilities are open to all in the AUD community when official games and practices aren't scheduled. The AUD Housing also have two fully equipped student gyms available only to Housing students. See p. 13 for a description of sports facilities.

## *Counseling*

The AUD Counseling Division provides professional and confidential counseling services to students. These private services helps students overcome personal difficulties that may interfere with or hinder their academic success, and their personal/professional development. During their college years, students face a variety of challenges that affect their personal growth, emotional wellbeing, and success, which may prevent them from reaching their full-potential.

The Personal Counselor's role is to assess students' concerns and provide support and guidance. The confidentiality of the counseling sessions is protected by the counselor's code of ethics of the APA (American Psychological Association).

Students may talk about the issues they are facing, and explore related thoughts and feelings, to better understand their personal resources. For some students, one conversation with the Personal Counselor may be sufficient to improve their situation, while others may return for several appointments.

The Personal Counselor also offers a series of seminars and workshops designed to increase awareness of mental health detection and prevention. These educational programs help students identify, understand, and respond to general mental health issues.

## *Housing*

The AUD Student Housing Division provides residential students with a safe and well-maintained living and learning environment that supports individual progress and provides quality services and programming. The residence halls are to establish a sense of community coupled with responsible and independent living.

AUD student housing consists of four residence, two for males and two for females. The female and male halls are totally segregated. On the ground floor of each hall there is a fully equipped kitchen, a student lounge, a laundry room, and a TV room. AUD has clear guidelines for what constitutes inappropriate behavior in the student housing. It is the responsibility of students to abide by these rules at all times.

The Housing Coordinator oversees the housing division, handles room assignments, roommate conflicts and general complaints and suggestions, enforces housing rules and regulations, and offers emotional support to students in order to ensure a safe, comfortable, and peaceful living and learning environment. A female and male Housing Controller are available in the residence halls to arrange for maintenance, logistics and cleaning services. A number of important rules and regulations that govern student housing. *The AUD Housing Handbook* contains all housing information and policies.

Resident Assistants are student leaders who work in both the residence halls and the Housing Division. They report directly to the Housing Coordinator and assist with various duties. These duties include, but are not limited to: receiving maintenance requests, recording complaints, answering questions, administering the student housing satisfaction survey, and conducting tours for prospective students and their parents. In addition, Resident Assistants report any violations of housing rules, damage to facilities and suggestions for improvements in the housing. Resident Assistants, working in close collaboration with the Housing Coordinator and Student Activities Coordinators, plan and host various dorm activities and programs. Any housing student interested in applying for a Resident Assistant position should contact the Housing Coordinator.

## **Student Activities**

The AUD Student Activities Division creates an inclusive community, in which students engage in a variety of social, cultural, intellectual, and leadership programs and activities. This community is developed through governance, club involvement, and civic engagement/service opportunities.

Involvement in student activities at university is an important component of student life. AUD's American educational philosophy stresses a well-rounded student experience. Through participation in clubs and organizations, students not only become involved in university life, but also strengthen their socialization, team-building, leadership, event planning and organizational skills. Membership in student clubs and organizations also enables students to make new friends and share mutual interests with fellow students. The memories created on campus, through activities, is an essential part of the holistic development of a university student. The aim of the Division of Student Activities is to create and offer those opportunities for AUD students.

The Student Activities Coordinator, with assistance from the Student Government Association, creates and plans numerous activities for students throughout the year. These activities, designed to be social and cultural, include desert safaris, dhow trips, beach parties, guest lectures, dinners, international celebrations, plays, music nights and other events.

AUD-sponsored activities introduce students to many of the diverse social and cultural events held in each city. A calendar of events is available at: <https://audubai.sharepoint.com/sites/AUDStudentEvents>.

## **AUD Model United Nations (AUDMUN) Conference**

Among the many clubs at AUD is the established AUD Model United Nations Organization (AUDMUN), committed to the pursuit of understanding of the United Nations and international diplomacy through the means of Model United Nations conferences, encouraging active debate, conflict resolution, negotiation, compromise and the expansion of worldly knowledge. In line with the AUD's educational philosophy of stressing a well-rounded student experience and encouraging global understanding by providing an atmosphere of cultural diversity and opportunities for an international education, AUDMUN partakes in at least two international conferences a year to further develop their skills in areas such as teamwork, persuasive writing, debating and negotiation.

## **Study Abroad & Exchange Unit**

The mission of Study Abroad and Exchange at AUD is to promote global student mobility in support of AUD's mission leading to student's academic, personal and professional success, as well as the advancement of society. AUD is committed to offering international learning and global engagement opportunities as an integral part of the academic experience. Each student has the opportunity to spend a summer or semester abroad as part of their degree program and gain a carefully designed international learning experience. Information sessions about study abroad and exchange programs are hosted on campus regularly and personalized advising services are available to guide and connect students with the best international learning experience to promote and develop their academic and personal growth, cultural competencies and global leadership skills.

AUD has various partnerships and collaborations with international institutions worldwide to establish mutually beneficial relationships to provide AUD students and faculty with global opportunities, including study abroad and exchange programs. Current active partnerships:

- **Bocconi University (Università Commerciale Luigi Bocconi)** – Milan, Italy  
Exchange Programs  
[www.unibocconi.eu](http://www.unibocconi.eu)
- **Ca' Foscari University of Venice (Università Ca' Foscari Venezia)** – Venice, Italy  
Exchange Programs  
[www.unive.it](http://www.unive.it)
- **EM Normandie Business School**, multiple campus, France  
Exchange Programs  
[www.em-normandie.com/en](http://www.em-normandie.com/en)
- **Frankfurt School of Finance and Management** – Frankfurt, Germany  
Study Abroad Programs  
[www.frankfurt-school.de](http://www.frankfurt-school.de)
- **Georgia Institute of Technology (Georgia Tech)** – Atlanta, Georgia, U.S.A.  
Exchange Programs  
[www.gatech.edu](http://www.gatech.edu)
- **IE University (Instituto de Empresa)** – Madrid/Segovia, Spain  
Exchange Programs  
[www.ie.edu](http://www.ie.edu)
- **IESEG School of Management** – Paris, France  
Exchange Programs  
[www.ieseg.fr/en/](http://www.ieseg.fr/en/)
- **IMC University of Applied Sciences Krems** – Krems, Austria  
Erasmus+ Exchange Program  
[www.fh-krems.ac.at](http://www.fh-krems.ac.at)
- **International School of Management GmbH** – Dortmund, Germany  
Study Abroad at AUD  
[www.ism.de/campus/dortmund](http://www.ism.de/campus/dortmund)
- **International University in Geneva** – Geneva, Switzerland  
Study Abroad at AUD  
[www.iun.ch](http://www.iun.ch)
- **International University of Monaco** – Monaco  
Exchange Programs  
[www.monaco.edu](http://www.monaco.edu)
- **London School of Economics & Political Science** (London, UK)  
AUD Global Seminar course  
[www.lse.ac.uk/](http://www.lse.ac.uk/)
- **Loyola University Maryland**– Maryland, USA  
Study Abroad at AUD  
[www.loyola.edu/](http://www.loyola.edu/)
- **Manchester Metropolitan University** – Manchester, UK  
Double Degree Program in Business Administration  
[www.mmu.ac.uk](http://www.mmu.ac.uk)
- **Regent's University London** – London, UK  
Exchange Programs  
[www.regents.ac.uk](http://www.regents.ac.uk)
- **Richmond, The American International University in London** – London, UK  
Study Abroad Programs  
[www.richmond.ac.uk](http://www.richmond.ac.uk)
- **Sciences Po - L'Institut D'Études Politiques (IEP) de Paris** – Paris, France  
Exchange Programs  
[www.sciencespo.fr](http://www.sciencespo.fr)
- **University of St. Copenhagen** – Copenhagen, Denmark  
Erasmus+ Exchange Programs  
[www.ku.dk](http://www.ku.dk)

- **University of St. Gallen (HGS)** – St. Gallen, Switzerland  
Exchange Programs  
[www.unisg.ch](http://www.unisg.ch)
- **University of Bologna (Alma Mater Studiorum - Università Di Bologna)** – Bologna, Italy  
Exchange Programs  
[www.unibo.it](http://www.unibo.it)
- **Wake Forest University** – Winston-Salem, North Carolina, U.S.A.  
Exchange Programs  
[www.wfu.edu](http://www.wfu.edu)

Students who wish to participate in a study abroad or exchange program must meet with the Study Abroad & Exchange Coordinator for advising. Appointments are available via [StudyAbroad@aud.edu](mailto:StudyAbroad@aud.edu). Please refer to the *Undergraduate Catalog* for eligibility requirements for participation in study abroad or exchange programs.

Students should also familiarize themselves with AUD's *Transfer Credit Policy* available online and in the *Undergraduate Catalog* when planning to spend a **term (Fall, Spring or Summer)** abroad through a study abroad or exchange program with other universities (subject to AUD approval), and may transfer up to 15 credit semester hours or equivalent back to AUD.

### Incoming Study Abroad at AUD

AUD is proud of its rich culture and diverse student population and welcomes talented students and faculty from around the world to our beautiful campus where over 90 nationalities are represented. We invite international students to study abroad at AUD and spend a semester or a year with us for a meaningful and rewarding academic experience. AUD offers a wide range of academic programs and welcome study abroad students from all academic fields to apply. For more information, please contact [StudyAbroad@aud.edu](mailto:StudyAbroad@aud.edu).

## Student Affairs Programs

### Student Forum

The AUD Student Forum is designed, executed and managed by the AUD Student Government Association (SGA), under the guidance of the Student Activities Coordinators. The Forum is held during the Spring semester and is a means by which the university collects student feedback regarding university-related issues. A general survey is conducted by the SGA, which reviews all issues related to campus life, i.e., sports, residence halls, student activities, general academic issues, and general non-academic/administrative issues. The Director of Institutional Effectiveness provides the SGA members with the relevant results of the Student Satisfaction Survey. These results are combined with the results from the SGA survey and both are used to create a presentation for the Student Forum.

### Orientation

All new students are required to participate in orientation activities. During orientation, student Peer Advisors acquaint students with the campus environment, explain policies and procedures; explain AUD's *Honor Code*, and conduct a variety of activities to introduce the students to the university experience. Further orientation takes place throughout the year through student activities, which may include seminars, workshops, tours and informal discussion sessions. AUD distinguishes itself with a unique student orientation program planned and orchestrated by AUD Student Peer Advisors. All first through third year students are eligible to apply for this student leadership opportunity. Applications are available through the Office of Student Affairs.

### Student Organizations

Involvement in student organizations/athletics is important for making new friends and provides the opportunity to share mutual interests with fellow students. The student activities program strengthens students' socialization skills and offers encouragement to those who are making a transition to university life. AUD-sponsored activities introduce students to many of the diverse social and cultural events and intellectual experiences. Information regarding campus student organizations can be found in the *AUD Student Handbook* and on the AUD website.

Student organizations are responsible for the conduct of all persons at university-related functions. All students and guests must conform to the U.A.E. law. Please note that the Code of Student Conduct contained in this *Catalog* applies to all student activities on or off campus. Additional, detailed, and/or current activity and club rules and regulations are available in the Division of Student Activities. Every organization has the responsibility to take all reasonable steps

to prevent any infraction of the university rules and U.A.E. laws related to the activities of the organization. Any individual/group whose conduct is in violation of the Code of Student Conduct will be subject to disciplinary action.

In addition, outlined penalties and disciplinary procedures will apply. Such action may include suspension or dismissal of individuals or suspension or dismissal from a particular activity or club. The university has authority over all student organizations and activities. To provide for the efficient use of AUD's buildings and facilities and to protect the integrity and reputation of the university, student organizations must complete an online request two weeks prior to any event depending on the size and scale of the event. Prior approval for use of AUD facilities is required. This procedure is done with the coordination of Student Activities. Details are available with the Student Activities Coordinators.

### **AUD Student Leadership Programs**

AUD is pleased to offer a number of leadership programs for students. Through these leadership programs, AUD students are provided with the opportunity to develop their leadership, management, and public relations skills. A few of the available positions are detailed below, more positions are advertised through the Student Activities Division.

#### **Student Peer Advisor (PAs)**

Student Peer Advisors assist in all student orientation programs. AUD's Peer Advisors welcome new students and their parents to AUD and facilitate the transition of new students into the academic, social, extracurricular and cultural dimensions of the AUD educational experience. Peer Advisors act as group facilitators during AUD's orientation programs and acquaint new students with campus activities, facilities, rules, procedures and policies.

#### **Peer Health Educators (PHEs)**

Peer Health Educators is a group of trained students who assist other students to make healthy choices. The group helps create positive social norms and lays the foundation for a positive campus environment. Members of PHE work closely with professionals, serving as a resource for guidance, training, and referral.

#### **Resident Assistants (RAs)**

AUD Residence Assistants work as administrative links between residents and the Housing Division. RAs help residents with personal problems, roommate conflicts and other housing-related issues. RAs also keep the Housing Division advised of residents' concerns and issues. They play a major role in presenting programs in the housing that provide residents with a variety of educational, cultural, recreational, and social activities.

*\*All students who fulfill the obligation of their student leadership contract are invited to attend the annual Student Leadership Luncheon held in the spring of each academic year.*

### **AUD Annual Gala Dinner and Awards Ceremony**

The Annual Gala Dinner and Award Ceremony is held in the spring of each academic year. This special occasion recognizes students who have exceptional achievements and contributions that bring glory and honor to the AUD community.

There are three categories of awards: those nominated by the School Deans (Undergraduate Program and Major Awards), those nominated by the Administration, Faculty and Staff, and those selected by the President.

#### **Program and Major Awards**

Awards are determined according to the criteria decided within each academic unit. CGPA and community involvement may be factors considered within the school for nominations.

#### **Student Affairs Awards**

The Student Affairs Awards, are primarily given to senior students, but other students that may have gone beyond and above may also be nominated for these awards.

#### **Student Leadership Awards**

Awarded to students who have demonstrated outstanding leadership on campus by bringing students together, creating and implementing activities/events, and/or developing and directing special projects/initiatives.

#### **Community Service Awards**

Awarded to students who have actively and consistently dedicated their time to engage in volunteer and other service opportunities throughout the academic year. This may include extensive and intensive work on a special project/initiative.

### **Student Government Association Awards**

Awarded to active member(s) of the SGA who have made significant contributions to the organization and AUD student body throughout the academic year.

### **Outstanding Student Club**

Awarded to the student club that executes a variety of successful events above and beyond the minimum requirements of Student Activities.

### **Outstanding Event of the Year**

Awarded for an exceptional, student-created and executed activity on campus.

### **AUD Ambassador Awards**

Awarded to students who have brought honor to the University through their first-place achievement in competitions and/or projects/initiatives in the community.

### **Outstanding Female and Male Student Athlete of the Year**

Awarded to one female and one male students-athlete who demonstrates athletic leadership by regularly contributing and adding value to the team while capturing the spirit of AUD athletics (e.g. sportsmanship, leadership, teamwork, and overall spirit)

### **President's Award for Student Excellence**

Awarded to student(s) who have excelled at AUD through academics and leadership, as well as participation and involvement in several university activities. He/she emulates AUD's values and philosophy.

Additionally, the following President's Awards are presented at the university Graduation Dinner attended by faculty and staff:

- **Teaching Excellence**  
Awarded to the faculty member who has contributed to the university through extraordinary performance as a teacher. Evaluation criteria include service to students/mentoring outside the classroom.
- **Institutional Effectiveness**  
Awarded annually to a faculty or staff member for a superlative contribution to AUD's institutional effectiveness initiatives. The basis for this Award will be an outstanding achievement within the IE sphere (e.g., assessment/measurement, continuous improvement, strategy formulation, establishment of learning outcomes, etc.) resulting in a significant enhancement in the achievement of AUD's Mission.
- **Distinguished Service**  
Awarded to a faculty or staff member who has made significant ongoing contributions to AUD above and beyond the call of duty. The selected faculty or staff member is one whose impact on the institution is formidable and universally recognized.

### **Student Affairs - Hours of Operation**

- Counseling: Monday through Friday from 8:00 a.m. to 4:00 p.m. walk-ins. Appointments are also welcome.
- Student Activities hours: Coordinators are available on weekdays from 8:00 a.m. to 5:00 p.m. The majority of student activities and club meetings take place during evening and weekend hours.
- Athletics hours: Weekdays from 8:00 a.m. to 5:00 p.m. The majority of games and practices take place during evening hours.



## HEALTH CENTER

- Mission
- Goals
- Health Services
- Health Awareness and Education
- Health History and Insurance
- People of Determination



## Mission

The mission of the AUD Health Center is to provide general care and health supervision of all currently enrolled students, faculty, and staff and to promote the prevention of illness and the well-being of students, staff, and faculty.

The AUD Health Center promotes, improves, and maintains a healthy campus environment by providing accessible, high-quality care, health supervision, and educational programs, which encourages students, faculty, and staff to preserve their overall well-being.

## Goals

- To promote the prevention of illness and the well-being of students and staff;
- To identify and contribute to health education programs for students and staff;
- To provide advice, information, and guidance to the university community on health matters through the use of multi-media communications, in addition to face-to-face dialogue with specialists who participate in health days;
- To support students with medical conditions (people of determination accommodations); and,
- To create needs-based workshops for students.

## Health Services

Health services are available 24 hours a day. The Health Center is open weekdays from 8:00 a.m. – 5:00 p.m.. After working hours, and during weekends, for any medical emergency, student should call the **UNIVERSITY HOTLINE: 04-3183 500, or communicate with an AUD healthcare provider on WhatsApp, Mob: 056-9167761**. Two first aid rooms, located in both the female and male housing, are equipped to provide emergency treatment for housing students after working hours. *First Aid Guides* are posted in all residence hall rooms, classrooms, the library, adjunct rooms, the main reception, at all the security guard locations, and in all the engineering laboratories. All studios and laboratories are equipped with First Aid Kits in addition to information necessary to assess and treat minor emergencies.

Health services are available for the entire AUD community: students, faculty, staff, and families living on campus. Services include treatment for minor health emergencies and conditions, dispensing medication providing individuals with medical referrals, and offering information on health-related issues. Preventive medicine is also emphasized at AUD.

## Health Awareness and Education

The Health Center promotes health awareness and education programs throughout the academic year including but not limited to: nutrition and eating disorders, blood drives, drugs and narcotics awareness, sexually transmitted illnesses, anxiety and stress management, smoking, skincare, health hazards, vision disorders, and other topics based on student's needs.

## Health History and Insurance

Newly enrolled students are required to complete and submit a [Health History Form](#), endorsed by a licensed physician, to the Health Center. For the best care, students should make sure that their health records are current and up-to-date for the AUD Health Center.

Enrolled students with medical problems or disabilities, who may require care or restriction of their campus activities, must submit to the Health Center Director an up-to-date medical report from their family physician describing their conditions, restrictions, and special requirements.

**All health-related documents, reports, and information are kept confidential in the AUD Health Center.** Student's health information is not released to those not involved in the student's immediate care without his or her written permission. Students may complete the *Authorization for Disclosure of Health History Information Form* for information sharing as necessary. Student's [health forms](#) are included in the *AUD Application for Admission*, and may be printed from the AUD website, or collected from the AUD Health Center.

## Health Insurance

Private health insurance covering care in the U.A.E. is mandatory for all AUD-sponsored students. In order to meet this requirement by enrolling in the AUD-sponsored health insurance plan, students are charged a non-refundable fee on their Fall semester bill covering the period September 1 through August 31 (See *Financial Information* section for details).

AUD non-sponsored students are required to have and maintain private health insurance covering all U.A.E. care on a continual basis while enrolled and are responsible for all charges related to their medical care.

## ***Inclusion/People of Determination***

### **Inclusion\***

The American University in Dubai aims to guarantee an integrated and inclusive learning experience for students of determination.

AUD is committed to providing reasonable accommodations and equal access to university programs and activities for people of determination with documented disabilities.

*\* more information related to Inclusion is available on AUD Website.*

### **People of Determination Support Services**

A reasonable accommodation is one that is consistent with academic standards of the university and does not require substantial course or program alteration. The Health Center welcomes and encourages students with disabilities to identify themselves and to seek access to needed accommodations.

To ensure that accommodations are provided in a timely fashion, AUD encourages students to submit their requests in advance of the start of any coursework for which the accommodation is requested.

### **Accommodations for People of Determination**

Academic support accommodations that are provided to people of determination are based on their condition's limitations and specialist's recommendations.

People of determination can suffer from a physical, mental, or learning impairment/condition or disability that affects his/her lifestyle, limits one or more major life activities, and requires special accommodations.

- Physical conditions like: Diabetes, Heart problems, Epilepsy, Cancer, and others.
- Mental conditions like: Anxiety, Depression, Asperger's Syndrome and others.
- Learning disorders like: ADD/ADHD, Dyslexia, and Dyscalculia.

### **Accommodation Request Process for People of Determination**

In order to request an accommodation, students must take the following actions:

1. Disclose his/her special condition via the *Student Health History Form*;
2. Provide the AUD Health Center with a medical report of his/her condition, signed by a doctor. In situations regarding students with psychological issues, a copy of any mental health reports will be given to the Personal Counselor;
3. Meet with the Health Center Director, and the Personal Counselor (for mental-health related cases) to evaluate his/her needs and level of support required, if any;
4. Sign the *Special Accommodations Request Form (SARF)* following the intake and assessment completed by the above-mentioned staff, to ensure that he/she understands the services being provided and the notification process as it relates to the academic units. This includes providing students with guidelines regarding the confidential nature of their file(s);
5. Meet with the Health Center Director or Personal Counselor to assess any academic support needed in terms of course load and course combination
6. A copy of the *Special Accommodations Request Form (SARF)* will be emailed to students' instructors, and additional copies will remain in the Health Center and with the Personal Counselor. After receiving this form, the instructor should meet with the student privately to discuss applying these accommodations. The instructor can discuss any concerns about applying these accommodations with the Health Center Director, or the Personal Counselor; and,
7. If a student has been diagnosed with a condition after admission to AUD, the student may request assistance at a period not less than two weeks before midterms or final exams, and will be asked to follow the procedures as outlined above. Application of SARF is not retroactive.

In cases where students have missed classes, a midterm, or an exam, the student must provide a medical note from a doctor/hospital, which will be verified and approved by the Health Center Director or the Personal Counselor ( for mental-health). The instructor will be notified by the above-mentioned staff member(s), as needed.

Students who refuse to benefit from the services/facilities provided through the *Special Accommodations Request Form (SARF)* or wish to discontinue their application during their academic stay, must sign the *Special Accommodations (SA) Waiver Form* in the presence of the Health Center Director and Personal Counselor.

### **Confidentiality**

The student is not obligated to disclose their condition or present any medical documentation or absence note to the instructor the Health Center Director will notify the student's professors of the legitimate medical documentation.

At AUD all medical files remain confidential.

All communications between Health Center staff and a student automatically considered a "patient" is confidential, however, the Health Center Director is obliged to break confidentiality in these situations: if at risk of self-harm, at risk of harming someone else, or court ordered to release information.

The medical documentation does not excuse the student from class. A final decision on how to proceed remains at the instructor's discretion.



## LIBRARY SERVICES

- Mission
- Goals
- Vision
- Values
- Library Overview
- Hours of Operation

## Mission

The mission of the American University in Dubai Library supports and nurtures the mission and vision of the University by providing information resources and services to support study, teaching, and research, as well as continuous development, thus enriching the learning experience and encouraging scholarly research in a welcoming and inclusive environment that allows for both individual study and collaborative work.

## Goals

The Library's operational goals include facilitating access to information through:

- The development of the library print collection, electronic information resources and access to external information sources;
- The library's organization and arrangement for access;
- Appropriate reference services and user education programs;
- The maintenance of facilities of an adequate size and quality to house collections, resources, and equipment and to provide adequate space for patrons and library personnel.

## Vision

AUD Library is the hub that brings together diverse individuals, communities, and information to advance research, education, and innovation.

## Values

- Excellence
- Collaboration
- Innovation
- Inclusivity
- Professionalism
- Respect

## Library Overview

AUD Library provides information resources and services to support study, teaching, and research, as well as continuous development. While the collection is varied in subject matter, it is particularly strong in the areas of communication/media, business, engineering, information technology, interior design, liberal arts, Middle Eastern studies, education, and visual communication.

The collection is composed of over 44,000 print books, 2,500,000 electronic books, as well as over 33, 000 journals, magazines and newspapers. Other databases include video streaming, primary sources and images. The major focus of the library is online/digital learning resources (over 50 electronic databases) which will allow students to access resources anytime, anywhere 24x7.

Student support is provided by librarians at the reference desk through walk-in assistance whenever the library is open. To assist students in conducting research more effectively, the Library offers research support services by professional librarians, including research consultations, workshops, training opportunities, and other services that help students and faculty conduct research more effectively. Students can also book a one-on-one consultation with a librarian at a time convenient for them.

Tailor-made workshops are offered at the request of faculty members to equip their students with information skills for the best learning outcomes such as effective use of subject-related databases and using citation management tools.

AUD library has over 200 study spaces, zoned as individual carrels, quiet spaces, and group study rooms. The Study rooms can be reserved all week during opening hours to allow students to work together in groups, brainstorm their research, and exchange ideas in a safe and well-equipped environment fostering creativity and innovation.

Other Public services are offered:

1. OPAC stations to search the Library catalog
2. Computer stations with internet access
3. Printing, copying and scanning stations
4. WiFi availability

The Library offers a community gathering place that serves as a hub for academic discussion and collaboration, offering meeting spaces and events that promote intellectual exchange.



Policies and procedures are posted on the Library's webpage to guide students in the successful use of resources and facilities: <https://library.aud.edu/>.

### *Library - Hours of Operation*

#### **Fall and Spring Semesters**

Monday – Thursday	8:00 a.m. to 10:00 p.m.
Friday	8:00 a.m. to 5:00 p.m.
Saturday	9:30 a.m. to 5:30 p.m.
Sunday	Closed

**Public Holidays**          Closed

*Opening hours are extended during exam periods.*

#### **During semester-breaks and Summer I & II**

Check the library hours posted online and outside the Library entrance.



## GENERAL POLICIES

- Institutional Change
- Government Regulations
- Civil Rights Compliance
- Drug-Free Environment
- Unlawful Harassment
- Student Records Integrity
- Student Records Access and Release
- Health History
- People of Determination/Disabilities
- Campus Security/Crime and Safety Prevention Program
- Disclosure
- AUD Councils
- Conflict of Interest Clause
- General Statement of Philosophy on Student Conduct
- Code of Student Conduct
- AUD Smoking Policy (Students)
- Dress Code
- Use of AUD Social Media Channels
- AUD Technology Use Policy
- Online Student Grievance and Complaint System
- Grievance Process
- Interruption of Degree Progress
- Transfer of Credit from AUD to Other Colleges and Universities

## **Institutional Change**

This *Catalog* is current as of the time of printing. From time to time, it may be necessary or desirable for AUD to make changes due to the requirements and standards of the university's accrediting and licensure bodies, or due to market conditions, employer needs, or other reasons. AUD thus reserves the right to make changes to any provision of this *Catalog*, including the amount of tuition and fees, academic programs and courses, policies and procedures, faculty and administrative staff, the calendar and other dates, as well as other provisions.

AUD also reserves the right to make changes in equipment and instructional materials, to modify curriculum and, when size and curriculum permit, to combine classes. **Students have the responsibility to understand and be familiar with the information presented in this *Catalog*.**

## **Government Regulations**

The American University in Dubai complies with all laws and regulations of the territorial jurisdiction in which its campus is located. Furthermore, as an American-accredited institution, AUD complies with the spirit of relevant United States legislation in so far as is possible/advisable given the cultural, historical, architectural, and legal contexts within which the university operates in the United Arab Emirates.

## **Civil Rights Compliance**

AUD does not discriminate on the basis of race, religion, age, national origin, gender, sexual orientation, or handicap among qualified persons in the recruitment and admission of students, the operation of any of its educational programs and activities, and the recruitment and employment of faculty and staff. The university provides a means to ensure a prompt resolution of all matters regarding violations of the above policies and a means to ensure due process to all employees and students who believe that the university's policy of non-discrimination is being violated or that they have been victims of sexual harassment.

## **Drug-Free Environment**

As a matter of rigorous policy, AUD prohibits the manufacture and unlawful possession, use, sale or distribution of illicit drugs and alcohol by students and employees on its property and at any university activity. Further information on the university's policies can be found in the *Student Handbook* and on the AUD website. Any violation of these policies will result in appropriate disciplinary actions up to and including dismissal in the case of students and termination in the case of employees, even for a first offense. **Violations of the law will also be referred to the appropriate law enforcement authorities.** Students or employees may also be referred to abuse help centers. Information on the school's drug-free awareness program and drug and alcohol abuse prevention program may be obtained from the Office of the Dean of Student Affairs.

## **Unlawful Harassment**

AUD is committed to the policy that all members of the university community, including its faculty, students, and staff, have the right to be free from unlawful discrimination in the form of sexual harassment by any other member of the university community. Should a student or staff member feel that he or she has been unlawfully harassed, they should immediately inform the Dean of Student Affairs (students) or supervisor (faculty/staff)\*. Unlawful harassment refers to behavior that is not welcome, which is personally offensive or undesirable to the recipient. All students and employees must be allowed to work and study in an environment free from unsolicited and unwelcome sexual overtures and advances. Unlawful harassment undermines the employee/student/university relationship, and it will not be tolerated.

\* of accused

## **Student Records Integrity**

AUD practices the standard of developing and implementing effective management systems that ensure integrity, confidentiality, security and accurate interpretation of institutional records. As such, AUD has implemented policies and procedures to protect the security of the student records in our electronic database (*CampusNexus*), created adequate backup procedures, and updated procedures for approving grade changes. The integrity and confidentiality of student record information continues to be one of the highest priorities of the university.\*

\* AUD upholds the commitment to respect and protect the privacy of student information according to AUD policy and the Family Educational Rights and Privacy Act (FERPA) of 1974.



## Student Records Access and Release

The university has established a policy for the release of records containing information on students.

- Each student attending AUD shall have the right to inspect and review the contents of his/her education records, including grades, records of attendance and other information. Parents are not entitled to inspect and review financial or academic records of their students, unless prior written authorization from the student is on the student's file. The *Consent to Release Education Records Form* is signed by the student upon joining the university. A copy of the *Form* is available online under the Office of the Registrar.
- A student's education records are defined as files, materials, or documents including those in electronic format that contain information directly related to the student and are maintained by the institution. Access to a student's education records is afforded to school officials who have a legitimate educational interest in the records, such as for purposes of recording grades, attendance, and advising, and determining financial aid eligibility.
- Students may request that the institution amend any of their education records, if they believe the record contains information that is inaccurate, misleading or in violation of their privacy rights. The request for change must be made online <https://registrarforms.aud.edu>. Grades and course evaluations can be challenged only on the grounds that they are improperly recorded. The instructor or staff member involved will review the request, if necessary meet with the student, and then determine whether to retain, change, or delete the disputed data. If a student requests a further review, the Provost and Chief Academic Officer will conduct a hearing, giving the student a full and fair opportunity to present evidence relevant to the disputed issues. The student will be notified of the Provost and Chief Academic Officer's decision. Copies of student challenges and any written explanations regarding the contents of the student's record will be retained as part of the student's permanent record.
- Directory information is information on a student that the university may release to third parties without the consent of the student. AUD has defined directory information as the student's name, address(es), telephone number(s), email address, birth date and place, program undertaken, dates of attendance, credential(s) awarded. If a student does not want some or all of the directory information to be released to third parties without his or her consent, the student must present such a request in writing to the Office of the Registrar within the term of the student's initial enrollment.
- The written consent of the student is required before personally identifiable information from education records on that student may be released to a third party, except for those disclosures referenced above, disclosures to accrediting commissions and government agencies, and other disclosures permitted by law. Students are requested to complete the *Release Form* as part of the admission process.
- A student who believes that AUD has violated his or her rights concerning the release of or access to his or her records may file a grievance with the University's Grievance Officer or the UAE Ministry of Education in Dubai: Phone 80051115, Email [ccc.moe@moe.gov.ae](mailto:ccc.moe@moe.gov.ae) (MOE Call Center).

## Health History

AUD prides itself in offering quality health services. To maintain our standards and fully address the health and medical needs of our students, the AUD Health Center requires that all AUD students submit the *Student Health History Form* (available at the AUD Health Center and online) to the Health Center. **This Form must be endorsed by a physician.**

All health information is confidential. Only the following staff members have access (as needed): President, Executive Vice President, Provost and Chief Academic Officer, and Dean of Student Affairs. All student medical records are kept under a locked filing system, and they are not released to others without the written consent (*Authorization of Health Information Release*) of the student or his or her parents.

## People of Determination/Disabilities

### Non-Discrimination Statement

AUD does not discriminate against individuals on the basis of physical or mental disability and is fully committed to providing reasonable accommodations, including appropriate auxiliary aids and services, to qualified individuals with a disability, unless providing such accommodations would result in an undue burden or fundamentally alter the nature

of the relevant program, benefit, or service provided by AUD. (See pp. 50-51 for People of Determination-related information.)

### ***Campus Security/Crime and Safety Prevention Program***

AUD is concerned about the safety and welfare of its students and employees. Therefore, AUD has implemented a security policy for the protection of students, staff and faculty. AUD maintains a log of all crimes committed and reported on its campus. Information is updated annually. Updated information for the prior calendar year is made available, upon request, to all continuing students, faculty and staff each year. For emergency situations, students are asked to call the UNIVERSITY HOTLINE: 043183500 or 043183555. A security guard will get in touch with the appropriate authority or university staff member for appropriate action.

### ***Disclosure***

Students are encouraged to share personal experiences while participating in classes at AUD. However, students must be aware that should they disclose to any AUD faculty member or staff information that they may cause harm to themselves or others. Faculty members and staff are required to report such information to the Deans, Associate Deans or Chairs, Provost and Chief Academic Officer, or President.

### ***AUD Councils***

The following summarizes the function of those Councils, which deliberate student affairs issues. The role and composition of each can be found in the *Student Handbook* and on the AUD website.

#### ***Conduct Council***

To investigate suspected violations of the AUD Code of Conduct, such as, but not limited to theft, harassment, verbal abuse, inappropriate public displays of affection, violent behavior, and not complying with the directives of university officials.

#### ***Grade Appeal Council***

To investigate grade appeals.

#### ***Honor Council***

To investigate suspected violations of the AUD Honor Code, such as, but not limited to cheating, plagiarism, and turning in papers purchased through online semester paper services.

#### ***Conflict of Interest Clause***

No Council member shall sit in review of any decision he or she previously rendered which comes before the Council for review. This imperative applies to situations where the Council's decision is actually being challenged and applies in situations where there may be an appearance of impropriety for a Council member to review a decision based on either direct or indirect contact with the matter in question.

### ***General Statement of Philosophy on Student Conduct***

AUD believes strongly in promoting the development of personal and social responsibility and also believes in a humanistic approach to discipline conducive to academic pursuits; however, AUD recognizes that its responsibility for the protection of personal and institutional rights and property is a primary focus of the disciplinary process. The administration reserves the right to develop any policy or take any action(s) deemed appropriate to maintain the safety and well-being of any or all students. Policies and procedures on offenses related to persons, property, campus operations and welfare, health or safety can be found in the *AUD Student Handbook* and on the AUD website.

### ***Code of Student Conduct***

AUD is an academic community committed to the educational and personal growth of its students. Behavior that infringes upon rights, safety or privileges or that impedes the educational process is unacceptable and may lead to sanctions up to and including dismissal from the university. An explanation of violations of university regulations can be found in the *AUD Student Handbook* and on the AUD website.

## AUD Smoking Policy (Students)

It is common knowledge that exposure to second-hand smoke from a variety of products, tobacco-based and non-, represents a significant health hazard. UAE Federal Law 15 prohibits the use of such products on the indoor premises of educational institutions.

In order to comply with UAE law and to promote a healthy environment, AUD **strictly prohibits** smoking, vaping, and other like-practices\* (1) on its indoor premises in all buildings, and (2) outdoors on its campus, except in designated smoking areas.

*\*including but not limited to any lit cigarette, cigar, pipe, midwakh, dokha, bidi, electronic cigarette or any other smoking device, along with any form of smokeless or spit tobacco such as dip, chew or snuff.*

Three areas on campus have been designated for smokers, equipped with benches and ashtrays: behind the School of Architecture, Art and Design building, behind the School of Business building, and adjacent to the School of Engineering building.

All students, faculty, staff and visitors to the AUD campus are obligated to follow the above policy.

## Enforcement

Those responsible for the enforcement and implementation of this policy among students are the security supervisor and staff, together with the dean of student affairs. Specifically, an *Incident Report* is filled out by the party who detects a violation. This report is filed with the Office of Student Affairs for record keeping purposes.

## Disciplinary Action

All first-time offenders will be placed on Disciplinary Probation.

The following will result in a **one-semester suspension** from the university:

- A second indoor offence
- Three outdoor offences
- Two outdoor offences + an indoor offence

Upon return from suspension, any additional offence will result in **dismissal**.

Students are urged not to test the administration's resolve in enforcing this policy. It is rooted in UAE law and AUD's objective of providing a safe, healthy environment.

(A similar policy has been inserted in the faculty handbook and staff manual.)

## Dress Code

The American University in Dubai, in accordance with the laws of the U.A.E., adheres to specific guidelines regarding appropriate attire. As a result, students are expected to dress properly while on campus. Inappropriate attire will not be tolerated and violations are subject to disciplinary action.

Inappropriate attire is defined as, but not limited to:

- Tight or revealing clothing;
- Short shorts and micro-skirts;
- Low-cut tops or dresses;
- Sagging jeans or jeans with suggestive holes or markings;
- T-shirts with inappropriate logos or language;
- Midriff-baring, open-back or halter tops.

*Details of the procedure are included in the AUD Student Handbook and on the AUD website.*

## Use of AUD Social Media Channels

With social media, the AUD Community grows beyond the walls of the university to include the whole world. AUD's Facebook®, Twitter®, LinkedIn®, Instagram®, and YouTube® profiles have been created to share news and events about the university and its community. It is important that we remain respectful of the environment in which we are in, mindful of other people and constructive in our day-to-day postings. The following guidelines will keep AUD's social media profiles up to standard:

**Posting comments:** while feedback and criticism are always welcome, they need to be constructive. No political, religious, racist, commercial, sexual, alcohol and tobacco-related or potentially offensive content may be posted on AUD's social media profiles. Material deemed offensive by the Administration will immediately be deleted and the student will be blocked.

**Advertising and Promotions (Anti-Spam):** some promotions and advertising pertaining to the AUD Community may be welcome but requires the Administration's approval. Abuse on AUD's social media profiles will be considered as spam and dealt with accordingly. Advertising and promotions deemed as spam by the Administration will immediately be deleted and the person and/or company will be blocked.

The full policy is available online at AUD's website [www.aud.edu](http://www.aud.edu).

## AUD Technology Use Policy

Information technology resources include all university-owned computers, peripherals, and related equipment and software; voice and data communications infrastructure, all other associated tools, instruments, and facilities; and the services that make use of any of these technology resources. Users are encouraged to use the university computing systems in an effective, efficient, ethical, and lawful manner.

AUD invests in technology resources in order to accomplish more effectively university-specific tasks, goals, and learning objectives. As expected in a contemporary environment, the presence of technology on campus is pervasive. University operating processes and procedures are nearly always computer-supported, and course syllabi more frequently than not reflect the imparting of technological learning outcomes and the use of technology in pedagogy.

Computer users at AUD are required to use proper social and professional etiquette when using the AUD systems. Use of the network implies consent for monitoring of traffic that is necessary for smooth administration of the resource. University computing resources shall not be used for purposes that could reasonably be expected to cause directly, or indirectly, excessive strain on computing systems or unwarranted and unsolicited interference with use of email or email systems.

AUD does not condone the use of inappropriate language and visuals when storing, replicating or transmitting messages by/to instructors, staff or students. The AUD computing facilities and network infrastructure is a distributed and shared environment. Improper behavior that could disrupt the computing resources may be ground for termination of access or other penalties deemed appropriate. Anyone accessing or utilizing university computer systems, related data files, and information shares the responsibility for the security, integrity, and confidentiality of information.

## Online Student Complaint System

### The Application

Students may file their complaint through an online application: <https://complaints.aud.edu/> is accessible through the AUD website under the *Student Portal* section. The Student Complaint System is focused on providing feedback to problems/issues raised by AUD students.

### Student Complaint Procedure

It is advised that students should first directly communicate with the person/department with whom they have a complaint. If the students still wish to formalize the complaint with the relevant academic or administrative head, then they can log into the *Student Complaint System* application and submit their complaint.

Once a complaint is submitted, the academic or administrative head receives a notification email prompting him or her to log into the application and follow up on the complaint.

Students will receive an update on the status of their complaint via email within 5 working days. If input is not received within this timeframe, students are requested to follow up with the Office of Institutional Effectiveness. The *Student Complaint System* is not relevant for grade or academic standing appeals.

In the event that the above procedure does not yield reasonable outcomes, students may consult the Grievance Officer by following the *AUD Grievance Process* described below.

## **Grievance Process**

***This process applies to all members of the AUD community. Specifically, it applies to all student, faculty and staff grievances, including those related to academic matters, as well as to those related to administrative, interpersonal and other non-academic issues.***

## **Grievance Officer**

The Grievance Officer facilitates the resolution of grievances within the AUD community through the Grievance Process as outlined below. The Grievance Officer offers confidential, informal, independent, and neutral dispute resolution services by providing mediation, information, advice and referrals as appropriate.

## **Grievance Procedure**

To resolve an issue,

- A grievant should **directly communicate** with the person with whom they have a complaint. It is the grievant's responsibility to do this before any further action is pursued;
- If a grievant wishes to formalize the process; they are required to seek the counsel of the **Grievance Officer within ten working days** of the incident leading to the complaint;
- If the grievant wishes to pursue the matter further, he or she should submit a written complaint to the Grievance Officer ([grievance@aud.edu](mailto:grievance@aud.edu)) with the following information:
  - his or her description of the incident(s);
  - the name of the person with whom he or she has a concern/complaint;
  - a suggested remedy.
- The Grievance Officer will then contact the respective Dean, Associate Dean, Program Director or Chair (academic issues), Office Director (non-academic issues), or Supervisor (as appropriate) and provide them with the information regarding the complaint;
- The Dean, Associate Dean, Program Director or Chair (academic issues), Office Director (non-academic issues) or Supervisor will then begin the investigation of the complaint;
- The Dean, Associate Dean, Program Director or Chair (academic issues), Office Director (non-academic issues) or Supervisor will provide a report reflecting the findings and give recommendations **within ten working days** of the filing of the written complaint;
- If a written report is not received within this timeframe, the Grievance Officer will forward the grievance to the Provost and Chief Academic Officer (academic issues), Office Director (non-academic issues) or respective Senior Supervisor;
- The Grievance Officer **in consultation** with the Provost and Chief Academic Officer (academic issues), Office Director (non-academic issues) or Senior Supervisor, will summarize the decision and rationale in writing **within ten working days** to the grievant, the respondent, and the Dean, Associate Dean, Program Director or Chair (academic issues), Office Director (non-academic issues) or Supervisor.
  - Appropriate action will be taken by the Dean, Associate Dean, Program Director or Chair (academic issues), Office Director (non-academic issues) or Supervisor within **five working days** after receiving the summary of the decision/rationale.
  - Confirmation in writing that action has been taken will be provided to the Grievance Officer within **five working days**.

***If at any time during this process, input is not provided within the stated timeframe, the Grievance Officer will collaborate with the appropriate parties to move the process forward.*** It is the responsibility of the Grievance Officer to keep the university Complaint Log. In the event that a grievance filed in Summer I or Summer II cannot be

processed within the prescribed timeframe because one or more of the parties to the grievance are not available, the grievance will then be processed within the ten-day period immediately following the start of the Fall semester.

### **Grievance Appeal Process**

In the event that the above procedure does not yield a satisfactory resolution, the grievant may appeal to the President in writing. The grievant may seek the counsel of the Grievance Officer in preparing the appeal.

- This appeal must be received in the Office of the President **within five working days** after the grievant, the respondent, and the Dean, Associate Dean, Program Director or Chair, Office Director or Supervisor have received written notification of the action.
- The decision previously made can only be overturned by the President if **additional compelling information** is deemed relevant to the case outcome.

### **Note**

*Georgia resident students have the right to appeal the final decision to the Nonpublic Postsecondary Education Commission (NPEC) at: 2082 East Exchange Place, Suite 220, Tucker, Georgia 30084-5305 USA; tel.: +1-770-414-3300; website: <https://gnpec.georgia.gov/student-resources/complaints-against-institution>*

### **Interruption of Degree Progress**

When a student interrupts progress towards completion of his or her degree for one calendar year or more, **he or she must re-apply to the university in order to resume their studies**. The application for re-admission will entail a review of the student's record by the Office of Student Recruitment and Admissions which, in consultation with the Office of the Registrar, may require the student to fulfill (in all or in part) the degree requirements in effect at the time readmission is requested. These requirements may differ from those in effect at the time the student was first admitted to the university.

### **Transfer of Credit from AUD to Other Colleges and Universities**

AUD neither implies nor guarantees that credits completed will be accepted by other institutions. Each institution has policies that govern the acceptance of credit from other institutions. Transfer of credit is a privilege granted by the institution to which a student may seek admission. Students seeking to transfer credits earned at AUD to other postsecondary institutions should contact the college or university to which they seek admission to inquire as to that institution's policies on credit transfer and acceptance.



## OFFICE OF ACADEMIC AFFAIRS

- Office of Academic Affairs
- Mission
- Goals
- Academic Advising
- Academic Support
- Faculty Recognition

## *Office of Academic Affairs*

The Office of Academic Affairs (synonymous with the Office of the Provost and Chief Academic Officer) is responsible for the design and delivery of AUD's academic programs and the quality of academic life at the university.

### **Provost and Chief Academic Officer**

The Provost and Chief Academic Officer oversees the appointment and promotion of all academic staff (Deans, Associate Deans, Chairs, Directors, faculty members and academic support staff), chairs the Academic Council, serves on the Administrative Council, and chairs or is a member of various standing and ad hoc committees whose work impacts academic life at the university.

The Provost and Chief Academic Officer also performs external outreach and representation functions that are aimed at building collaborative relationships and promoting the academic well-being and reputation of the university with the academic and professional communities and with government bodies, locally, regionally, and internationally.

### *Mission*

The Provost and Chief Academic Officer is responsible for overseeing all aspects of academic affairs at the university. Working closely with the President, the primary mission of the Office of the Provost and Chief Academic Officer is to lead the development and supervise the implementation of academic strategies, policies and procedures whose purpose is to ensure the fullest achievement of the university's educational mission and goals. To this end, the Provost and Chief Academic Officer collaborates with the President and the Executive Vice President in allocating resources to the different academic units and academic support functions through the budgetary process.

### *Goals*

- To foster academic leadership in all academic units at AUD;
- To help new faculty to integrate quickly and successfully into AUD's teaching-focused, student-centered culture;
- To pursue excellence in student learning by continually upgrading the quality of teaching and enhancing teaching effectiveness;
- To enhance communication between faculty, Deans Associate Deans, and Chairs, and the Office of the Provost and Chief Academic Officer;
- To recognize, publicize, and celebrate faculty accomplishments;
- To oversee the planning and budgeting process for academic units;
- To upgrade the organizational and administrative setup of the academic units for higher effectiveness in program delivery and student learning;
- To provide faculty with opportunities for professional involvement and outreach that would serve the community and enhance student learning.

## *Academic Advising*

The AUD Academic Advising Unit (AAU) provides advising services to students. An Advisor's approval is required in order for these students to register. The AAU assists students in adopting a program of study and creating an individualized course plan. Prior to the beginning of each term, these students are required to meet with their assigned Academic Advisor in order to review the status of their degree progress, to discuss university policies and departmental requirements, and to select courses. Policies governing academic advising and required approvals are found on pp. 70-71.

### **Role of the Academic Advising Unit**

In accordance with our statement and AUD's vision of promoting student learning and development, the Unit's goals are to:

- Communicate accurate, judicious and timely information on AUD policies, academic programs, and campus resources;
- Form academic advising partnerships and encourage the shared responsibility of academic decisions with students;
- Contribute to the student's personal development and effective decision-making skills; and,
- Evaluate and re-assess the AAU services to better serve the advisees' needs and enhance their educational experience at AUD.



## Outcomes

- Students will read and accurately interpret AUD policies and academic program requirements and will recognize campus resources.
- Students will value the advising partnership and select an appropriate course sequence accordingly.
- Students will understand how their academic performance impacts their individual progress towards graduation.

## Academic Support

Academic Support maximizes the academic experience of every AUD student. It enriches the educational, intellectual, and personal growth of AUD's diverse student population by assisting them in developing skills and strategies to effectively respond to academic challenges, achieve academic success, and embrace life-long learning habits. Academic Support offers a range of services including individualized academic coaching, facilitating access to peer tutors, and providing various workshops. It also promotes the use of help centers organized by the School of Arts and Sciences, specifically the Math Tutoring Center, the Writing Center, and Public Speaking Tutoring Center.

## Role of Academic Support

In accordance with the Unit's statement and AUD's vision of promoting student learning and development, the Division's goals are to:

- Identify and coach students facing academic difficulties, enhancing personal resilience and building skills for academic success through individualized needs assessment, action planning, and follow up.
- Enhance the productivity of all AUD students by availing a variety of tools, information, and activities to build academic and life skills adapted to today's rapidly changing environment.
- Collaborate with all AUD academic and administrative departments to ensure support mechanisms are responsive, available, and effectively used by AUD students.

## Outcomes

- Students will be able to find solutions to academic challenges and achieve academic success.
- Students will develop self-efficacy and embrace life-long learning habits.
- Students will contribute to the supportive environment at AUD.

## Individualized Academic Coaching

Each student has unique strengths and challenges, therefore individual coaching sessions can be helpful. Coaching involves looking at what works for the student, examining barriers to his/her learning and finding tools to overcome them. The student will build a personalized action plan for his/her academic journey, which should be updated as he/she progress academically .

## Academic Support Workshops

Workshops on topics of concern to all students are offered each semester. Past workshops have focused on time management and productivity, test taking anxiety, study-skills and strategies, note-taking, academic reading and writing, working in groups, improving memory and presentation anxiety. Students should contact the Office of Student Affairs for information on upcoming workshops. Information on such events will be shared with students on a semester basis by email or through the Student Affairs newsletter.

## Peer Tutors

AUD Student Tutors provide academic support and encouragement for those students who are experiencing academic distress. Peer Tutors assist students with content-related issues and questions; discuss difficult academic concepts and provide novel and creative approaches to understanding them; listen attentively and provide clear explanations of academic problem areas and create a welcoming environment for students in academic distress.

## Faculty Recognition

AUD faculty are recognized annually through the President's Awards and the Provost and Chief Academic Officer 's Awards.

### Eligibility:

All full-time faculty members who have been employed by The American University in Dubai for at least one full academic year are eligible to participate in the competition for the below awards.

### **President's Award for Teaching Excellence**

Awarded to the faculty member who has contributed to the university through extraordinary performance as a teacher. Evaluation criteria include service to students/mentoring outside the classroom.

### **President's Award for Institutional Effectiveness**

Awarded annually to a faculty or staff member for a superlative contribution to AUD's institutional effectiveness initiatives. The basis for this Award will be an outstanding achievement within the IE sphere (e.g., assessment/measurement, continuous improvement, strategy formulation, establishment of learning outcomes, etc.) resulting in a significant enhancement in the achievement of AUD's Mission.

### **President's Award for Distinguished Service**

Awarded to a faculty or staff member who has made significant ongoing contributions to AUD above and beyond the call of duty. The selected faculty or staff member is one whose impact on the institution is formidable and universally recognized.

### **Provost's Award for Innovation in Teaching**

Awarded according to the following criteria:

- Evidence of effective use of the innovation to enhance student learning;
- Support for the innovation by academics, both within and outside AUD, and by professionals in the discipline;
- Potential for continued use and long-term impact of the innovation on teaching and learning.

### **Provost's Award for Outstanding Research**

Awarded according to the following criteria:

- Track record of activity and productivity in research and scholarly work;
- Originality and quality of the research or scholarly work;
- Local and international recognition of the research or scholarly work;
- Contribution of research to conceptual knowledge in the academic discipline;
- Contribution of research to applications and practices in the professional discipline.

### **Provost's Award for Creativity in Design and the Visual Arts**

Awarded according to the following criteria:

- Originality of the creative work;
- Evidence of local and international recognition of the creative work such as participation in local and international exhibitions, displays, competitions, etc., and/or presentation at adjudicated conferences and/or publication in adjudicated journals;
- Evidence (e.g., through media coverage) of cultural and social significance of the creative work and its impact on the human experience and on public opinion.

### **Provost's Award for Outstanding Literary Achievement**

Awarded according to the following criteria:

- Originality of the literary work;
- Evidence of local and international recognition of the literary work such as interviews with the author, discussions in the media, citations, participation in local and international literary competitions and contests, presentations at adjudicated literary events, publication in adjudicated journals;
- Evidence (e.g., through media coverage) of cultural and social significance of the literary work and its impact on the human experience and on public opinion.

### **Provost's Award for Professional Engagement and Community Outreach**

Awarded according to the following criteria:

- Evidence of contribution to advancing the achievement of AUD's Mission and purpose-related goals and enhancing AUD's name and reputation
- Evidence of positive impact on teaching and learning (e.g., internship opportunities for students, professional certification opportunities for faculty and students, research grants and professional consulting opportunities for faculty, etc.)
- Evidence (e.g., through media coverage) of external recognition of the significance and success of the engagement or outreach in advancing social, environmental or charitable causes



## TUTORING SERVICES

- Writing Center
- Math Tutoring Center
- Engineering Tutoring Center
- Public Speaking Tutoring Center

Through the Writing, Math, Engineering and Public Speaking tutorial centers, AUD provides valuable and complementary services for members of its community. Hours of operation are published at the beginning of every academic term.

### ***Writing Center***

The American University in Dubai offers the services of a Writing Center where all members of the AUD community (students/staff/faculty) can receive one-to-one assistance on writing tasks. Students can receive assistance on assignments at various stages of the process of completion. Assistance is provided by full- and part-time instructors on writing tasks in any discipline with a focus on developing overall academic writing skills. Throughout each semester, Writing Center staff offer workshops for all AUD members on various topics related to writing (e.g., sentence combining, in-text documentation).

### ***Math Tutoring Center***

The Math Tutoring Center provides students enrolled in mathematics courses (including Math 090, 095, 101, 103, 104, 105, 200, 201, 205, 210, and 220) the opportunity to receive assistance in their efforts to be successful in these courses. The Center operates as a walk-in service. There is no need to make an appointment. The tutors who staff the Center include students who have demonstrated an excellent ability to understand mathematics as well as an ability to help others understand. Students are encouraged to utilize the Center as often as needed. The Center operates throughout the semester (except for the first week of classes and the week of final exams) and is open Sunday through Thursday.

### ***Engineering Tutoring Center***

The Engineering Tutoring Center at AUD provides Engineering students enrolled in physics and programming courses (PYHS 201, PHYS202, ENGG140) and other engineering courses with the assistance they need to excel in these courses. The center aims to help students attain the outcomes required for problem-solving, experimentation, and algorithm development. Tutoring is provided by senior students who have extensive experience in these topics, as well as Engineering instructors.

### ***Public Speaking Tutoring Center***

The Public Speaking Tutoring Center (PSTC) welcomes any student to walk in and work one-to-one with a peer tutor on their oral communication skills. Students choose what they want to improve on and the tutor guides them through exercises, discussions, or practicing their full presentation for feedback. The PSTC remedies various student issues (e.g. anxiety) while aiding faculty (e.g. instructional assistance). Tutors are overseen by AUD's Professor of Oral Rhetoric, and they are trained with an inventory of methods to assist students.



## ACADEMIC POLICIES AND PROCEDURES

- Statement on Academic Freedom
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- Multiple Majors
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- Academic Recognition and Dean’s List
- Global Honors Pathway
- Grade Appeal
- Online Grade Appeal Application
- Academic Honesty
- AUD Honor Code Pledge
- Penalties for Academic Integrity Violation
- Periodic Evaluation of Academic Standing
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- AUD Global Seminars
- Dual Credit Courses
- General Education Exit Examination
- Graduation/Diploma
- Graduation Modalities
- Participation in Annual Graduation Ceremony (Eligibility)
- Time Limit for Completion of Undergraduate
- Graduation with Honors

## Statement on Academic Freedom

Academic freedom is the freedom for faculty to discuss all relevant matters in the classroom, to pursue other professional academic activities related to student learning and research, and to explore all avenues of inquiry, learning and instruction in an institution of higher learning. This freedom also extends to students as they engage in learning activities and inquiry related to those activities. However, academic freedom is accompanied by academic responsibility, which, for faculty, implies faithful performance of assigned academic duties and obligations including a presentation of course content that meets the requirements and learning objectives of each course. For both faculty and students, responsible exercise of academic freedom involves adherence to the highest standards of academic integrity in all teaching, learning and research-related activities. Academic responsibility also requires that faculty members make clear that they are not speaking for the institution, unless expressly authorized to do so by AUD, particularly in areas of politics, topics related to religious beliefs, and commercial endorsements. Faculty members and students should at all times act with integrity, express themselves within the confines of law and competent authority, show respect for the rights of others to hold differing opinions, be accurate, exercise appropriate restraint, be culturally sensitive, and make every effort to indicate that statements they make express their own views and not those of AUD.

The American University in Dubai recognizes and will uphold for all its faculty, full-time and adjunct, and for its students, the freedom to pursue knowledge wherever it may lead, the freedom to test received wisdom, and the freedom to research, review and put forward new, controversial, or unpopular ideas or opinions within the standards of academic integrity, scholarly inquiry and professional ethics, without interference and without placing themselves in jeopardy – of losing their jobs or any of their rights or privileges as AUD faculty, or of academic detriment or penalty as students.

A faculty member or student who believes his or her academic freedom has not been protected due to violation of this Statement may seek redress by filing a grievance with the Grievance Officer. The grievance process described on pp. 60-61 will apply to the processing of grievances related to academic freedom.

## Definition of “Program” and “Major”

Per AUD nomenclature “major” means a specialization within a program. Hence, Biology, Business Administration, Communication and Information Studies, International Studies, Architecture, Visual Communication and Interior Design are programs. Advertising and Integrated Marketing Communications, Finance and Management are examples of majors within the Business Administration program. AUD’s School of Engineering offers four degree programs: Civil, Computer, Electrical, and Mechanical Engineering. The number of credit hours required by each program is clearly stated in the appropriate sections of this *Catalog*. Optional majors (where applicable) are also listed, together with the required credit hours for each.

## Multiple Majors

A student may choose multiple (i.e., more than one) major within a degree program. Any course listed in this *Catalog* under more than one major may be used to satisfy the requirements of each major under which it is listed. This reduces the credit-hour burden for students pursuing double or triple majors, while essentially preserving the specialization represented by each major. Credit hours are not, however, applied more than once in the calculation of total hours earned. The *Catalog* in effect, for the student’s primary major will be followed for the degree audit of the second major, unless the second major was only added in a more recent catalog.

## Academic Program/Major Changes

Students may change their program of study at any time with the approval of the Dean, Associate Dean or Chair of the new program. **It is the prerogative of the new department to set the conditions (if any) for approving these changes.** Students are advised to discuss changes with the appropriate Academic Advisor as these may cause a delay in graduation. Students may apply for a change of major, no later than the term preceding the student’s final normal semester, (Fall or Spring). Formal notification of an unapproved change is forwarded to students in writing by the Office of the Registrar. All approved changes are reflected in the students’ degree audits in the term following the approval of the changes.

## Declaration of Program/Major

All undergraduate students must declare both their choice of a degree program and, if applicable, major prior to their **Junior** year (i.e., by the completion of **60** credit hours). Undecided students must do so online at <https://registrar.aud.edu/>. Students wishing to change their degree programs and/or major must do so online at <https://registrar.aud.edu/>.

## Major Grade Point Average (MGPA) Requirement in Major

In order to be granted a major within a degree program, the student must achieve an MGPA of 2.0 or higher in the courses comprising the major. Students should consult the academic programs sections of this *Catalog* for specific requirements (e.g., MGPA higher than 2.0 required in some programs.).

## Academic Minors

An undergraduate minor is a cluster of courses taken in a field of study outside the student's major. The minor consists of a minimum of **15 credit hours** of coursework beyond the requirements of the major and is intended to broaden the student's knowledge beyond the immediate field of study. Minors offered by the various academic units are listed in the appropriate sections of this *Catalog*. In addition to pursuing a major, a student is permitted to pursue up to two minors. Students declaring a double major are not permitted to pursue a minor. Students interested in pursuing a minor should consult the *Catalog* section of each school for a detailed description of requirements and other information pertaining to each minor.

Students planning to declare a minor are required to complete the *Minor Declaration Form* available online: <https://registrar.aud.edu/>. Only students enrolled in a major at AUD may pursue an AUD minor. For students currently enrolled in a major, notation of the minor will appear on the transcript not earlier than completion of the student's undergraduate degree requirements.

A minimum of nine credits counting toward the minor must be taken at AUD. Internships may not count towards a minor. Academic units may set higher academic requirements in the specified minor.

Students are required to consult with the head of the academic unit offering the minor regarding specific restrictions or requirements pertaining to the minor they wish to pursue. Courses for the minor may overlap with courses used to satisfy any other degree program requirement, other than the major.

## Completion of a Declared Minor and Graduation Eligibility

A student who declares a minor is expected to complete all minor requirements no later than completion of his/her degree program requirements. Grades earned on minor courses will be included in the CGPA calculation that determines eligibility to graduate.

In case a student has completed all degree program requirements in time for graduation but still has not completed all courses required for a minor, the student has two options:

1. Withdraw from the minor and apply to graduate: in this case grades received on those minor courses that were completed will still be factored into the CGPA that determines eligibility to graduate.
2. Postpone graduation and complete the minor: the minor course grades will be factored into the CGPA for determining eligibility to graduate, and the minor will be reflected on the transcript as a designation following the name of the degree and major.

There are no options other than the above two. A student may not continue and complete an incomplete minor after graduation.

## School of Architecture, Art and Design Laptop Initiative

The School of Architecture, Art and Design at AUD acknowledges laptop computers have become an integral part of the commercial industries related to the programs offered by the School. To advance computing skills required to enter and succeed in today's competitive job market, School learning objectives require all students to own a laptop when they begin their second year. This will greatly enhance the learning process and will address instances of limited availability of or access to AUD-supplied computers and software. The complete *Laptop Policy* is available online and in the *AUD Student Handbook*.

## Academic Advising/Registration

Students are advised by their assigned academic advisor housed in the Office of the Provost and Chief Academic Officer beginning their first term at AUD.

**All undergraduate students (up to the completion of 90 credit hours), must receive advising and obtain authorization to register from their Academic Advisor. However, Engineering Students are advised and must**

**obtain prior approval from their Academic Advisor throughout their residency at AUD. Moreover, students returning from suspension, after receiving final approval of the School Dean and Provost, are to be advised and should receive prior approval from their assigned Academic Advisor throughout their residency at AUD, irrespective of the CGPA attained subsequent to their return from suspension.**

With the exception of candidates in Engineering, upon completion of 90 credit hours, students no longer need to obtain an Advisor's approval in order to register.

Students are encouraged to maintain close contact with their Advisor during their time at AUD. Advisors provide information and perspective related to academic policy and concerns, specific course related problems/issues and other academic professionally related development. **However, because students are expected to assume responsibility for program planning and course selection since ultimately the responsibility for fulfilling degree requirements rests squarely with the student. They are required to become intimately familiar with the various program requirements and necessary requisite coursework and sequencing.**

## **Academic Year**

AUD defines the academic year as a period of time in which a full-time student is expected to complete two semesters (Fall, Spring) of instructional time. A full-time student is expected to complete a minimum of 24 credits within the academic year. (Students on the university's visa must register for 15 credits per semester in the Fall and Spring semesters in order to maintain the required full-time status.)

AUD's academic calendar operates on the semester system with each semester consisting of 15 weeks of scheduled classes plus a 16th week for study/make-up classes and final examinations. The Summer sessions are optional and fall outside the academic year. A detailed Academic Calendar is included in this *Catalog*.

## **Academic Credit Hour Determination**

AUD follows commonly accepted American best practice for determining course credit hours.

The number and mode of delivery of weekly contact hours determine the credit hours assigned to a course.

For every three hours of **lecture** delivered weekly throughout a semester or summer session, amounting to approximately 45 contact hours of instruction, three hours of credit are assigned.

Learning experiences such as **studios and laboratories**, which serve the primary purpose of reinforcing the learning and understanding of previously presented material and/or putting theory and principles into practice, ordinarily receive one-half the credit value of a lecture; that is, for every two hours weekly spent in a laboratory or studio during a semester or summer session, one hour of credit is assigned. Accordingly, a semester course consisting of three weekly hours of lecture and two weekly hours of studio or laboratory would be assigned four credit hours.

In calculating credit hours, AUD's courses must follow the above principle and apply the ratio between the value of an hour of lecture and an hour of another form of delivery (e.g., 1:0.5) in determining the credit hours assigned to a course. However, there may be a reason to propose a deviation. Proposals to deviate from this ratio of contact hours to credit will only be considered for the non-lecture-based component comprising a given course. The amount of contact time required to constitute a credit hour may be adjusted, depending on judgment concerning the instructional intensity or other factors of this component of the course.

Subject to ratification by the Academic Council, it is the purview of the University Curriculum Committee (UCC) to evaluate the credit hours assigned by the schools to those courses proposed for inclusion in the university's curriculum.

Internships and field experiences provide students an opportunity to earn credit by working in a professional capacity in a position related to their degree discipline. Unless otherwise specified in a program, and by consensus across the university's schools, all students must work a minimum of 225 hours (i.e., 15 weekly hours) in a professional setting to be awarded three credit hours. The amount of credit generated by such workplace activity in any given term is usually capped at three.

In cases where various instructional experiences are blended (e.g., lecture and internship), the ratios cited in this policy are used to determine credit hours. Study tours ordinarily require some lecture, visits to discipline-relevant sites,



report writing and other assignments. The contribution of each experience to credit hour calculation is determined with a view to the hours dedicated to each component and the judged intensity of instruction.

In awarding transfer credit (see pp. 21, 80-81 of this *Catalog*), all courses are evaluated for their equivalency to AUD courses in terms of content and contact hours. For those systems not based on semester credit hours, conversions are made to the semester credit hour system using the above criteria.

### *Course Load*

The normal academic load at the university is 15 credit hours per semester and 6 credit hours for either Summer session. Students wishing to carry additional hours may do so with the approval of their advisor. Overloads not exceeding one course (maximum 3 credits) may be permitted in Fall and Spring for students in good academic standing (i.e., carrying a minimum 2.5 CGPA). For Summer sessions, overloads not exceeding one course (3 credits) may be permitted for students carrying a minimum 3.0 CGPA. Different schools may have higher CGPA and additional requirements. Students may apply for course (3 credits) overload through the following link: <https://registrar.aud.edu/>

### *Audits*

A student may audit a course at his or her discretion and with the approval of the Dean, Associate Dean or Chair of the academic unit offering the course. **An audited (i.e., not-for-credit) course may not be taken for credit at a later date.** The normal fee schedule governs audited courses.

### *Course Sequencing*

While it is difficult to generalize from program to program (and student to student), the university has firm beliefs concerning course sequencing in terms of what makes academic sense and will enable students to complete their degree requirements by the expected date of graduation.

**Students should consult the course sequencing charts in the program-specific sections.** See pp. 73, 105-108 for regulations regarding the satisfaction of Arts and Sciences requirements.

### *English as a Prerequisite*

University-level competency in English is instrumental in student success at AUD. Where ENGL 101/102 are indicated as specific prerequisites to a course, the prerequisites will be rigorously enforced. Furthermore, even if not stated as a prerequisite, students are advised not to register for a 300 or 400 level course without completing ENGL 102. It is likewise advisable that students complete ENGL 101 prior to registering for 200 level courses unless it is recommended that the course be taken concurrently with ENGL 101. The completion of ENGL 101/102, required by all academic programs, will help students complete program-specific course work successfully. Students should consult their academic advisor if they have any questions.

### *First Year Experience*

AUD recognizes the challenge of attending a university for the first time and supports the success of all new undergraduate students through a first year experience program. The program includes a comprehensive campus Orientation, workshops, and a course on university success. **The UNIV 100 (The University Experience)** course helps to maximize a student's ability to benefit from higher education and to ease his or her transition into the university environment.

### **UNIV 100**

To be successful at The American University in Dubai, students need to understand and adapt to the standards, approaches and expectations of the American university system. Because these may differ significantly from the standards, approaches and expectations that incoming students have experienced in previous educational institutions, it is important for AUD to facilitate the socialization process. Therefore, all students entering The American University in Dubai\* are required to take **UNIV 100 (The University Experience)**. In this course, first year students are introduced to the structure, norms and expectations which underpin American education and which guide the university's assessment of student performance. These aspects of American education give priority to critical thinking, oral and written communication skills, goal-directed behavior, personal initiative, ethics and cultural tolerance. In essence, UNIV 100 enables students to adopt the posture of "student-as-a-professional" and to reach their full potential during their tenure at AUD and beyond. All eligible first year students must complete **UNIV 100 (The University Experience) within their first two terms in residence.**

**Attempting to delay UNIV 100 is not an option, and students who do so may face dismissal from the university.**

\* Exceptions provided for those who have completed five courses (semester basis) and three courses (quarter basis) at a recognized college or university and/or have taken an equivalent course.

### **Required Arts and Sciences Courses (Including Developmental)**

All candidates for an AUD degree are required to complete successfully ENGL 101 (*Composition and Rhetoric*), ENGL 102 (*Advanced Composition and Research*), ENGL 103 (*Introduction to Literature*), COMP 101 (*IT and Innovation in Today's World*) or ENGG 140 (*for Engineering students only*); and depending on their Major and placement test results - MATH 101 (*Mathematics for the Arts*), MATH 200 (*Calculus for Business*); MATH 205 (*Calculus for Architecture*), MATH 210 (*Calculus I*) **within their first 60 credits earned.**

Math requirements for Engineering and Architecture students vary, and students should consult their advisors for Years I and II sequencing.)

If applicable, ENGL 100 (*Developmental English*), MATH 090 (*Beginning Algebra*) or MATH 095 (*Beginning and Intermediate Algebra*) depending on program of study, and MATH 103 (*Foundational Mathematics for Business*) or MATH 104 (*Foundational Mathematics for Engineering*) depending on program of study, must also be successfully completed. See p. 23 for completion of Developmental Studies Courses Policy.

### **Eligibility for Foreign Language Study**

Students educated in a language other than English or who have earned two years of high school credit or its equivalent in that language (**regardless of the grade received**) are not eligible to register for courses at the 101 level. Students desiring to study at a more advanced level (i.e., 102 and above) should consult the Dean of Arts and Sciences to obtain authorization to register.

### **Student Attendance (Undergraduate Students)**

Students are expected to be in class for all scheduled class periods (including make-up classes). All matters related to student absences (making up work missed, tests missed, etc.) are specified in the course syllabus. Because the university believes that attendance in classes is an indispensable part of the learning experience, the following rules regulate attendance and grading:

- There is no difference between excused and unexcused absences. An absence is an absence;
- **Excessive absence, defined by the equivalent of two weeks (semester) or one week (summer session), may lower the student's class participation grade.** The degree to which the class participation grade is lowered is at the discretion of the instructor, as clearly defined in the course syllabus;
- Absences are counted from the first day of the term.

Students are expected to be in class on time.

**The instructor will be responsible for denoting the attendance policy (including tardiness) and including guidelines for assessing class participation on the class syllabus.** The policy for handing in assignments late is determined by the instructor and is stated on the class syllabus.

At the discretion of the Office of Academic Affairs, absences incurred due to participation in AUD-sponsored activities or sports tournaments may not figure in the calculation of a student's total absences. The Provost, the Athletics Director and the Dean of Student Affairs will determine if the tournament deserves official excused absence status (usually accepted tournaments include AUD hosted tournaments, overseas tournaments, and U.A.E. Higher Education Sports Federation Tournaments). Student-athletes are expected to notify their instructors as soon as they are aware they will be missing a class due to a *status approved* athletic competition (see *Student Handbook* and the AUD website).

Any student who is experiencing psychological distress and is unable to attend his or her scheduled classes must first see the AUD Counselor. The Counselor will carefully assess the student's psychological state. Should the Counselor determine the student is unable to attend classes, the Counselor will immediately contact the Provost and inform him of the student's condition. Respecting the confidentiality policy of counseling services, the Counselor will only disclose the minimal information needed to explain the situation. The Provost will authorize any absences, if any, from the course. (The student retains the options of withdrawing or seeking an Incomplete.)

## Grading System\*

Grade reports are published to students at the completion of each semester/term. Grades are based on the quality of work as shown by written tests, laboratory work, term papers, and projects as indicated in the course syllabus. Earned quality points are calculated for each course by multiplying the quality point value for the grade received for the course times the credit hour value of the course. For example, a three-credit course with a grade of B would earn nine quality points [credit value of course (3) times quality point value of B (3)]. The Cumulative Grade Point Average (CGPA) is calculated by dividing the total earned quality points by the total attempted credits.

Letter Code	Description	Included in			Quality Points
		Credits Earned	Credits Attempted	CGPA	
A	Excellent	Yes	Yes	Yes	4.00
A-	Very Good	Yes	Yes	Yes	3.70
B+	Good	Yes	Yes	Yes	3.30
B	Good	Yes	Yes	Yes	3.00
B-	Good	Yes	Yes	Yes	2.70
C+	Satisfactory	Yes	Yes	Yes	2.30
C	Average	Yes	Yes	Yes	2.00
C-	Below Average	Yes	Yes	Yes	1.70
D+	Poor	Yes	Yes	Yes	1.30
D	Poor	Yes	Yes	Yes	1.00
F	Failing	No	Yes	Yes	0.00
I	Incomplete	No	Yes	No	n/a
AU	Audit	No	No	No	n/a
P+	Passing with Distinction	Yes	Yes	No	n/a
P	Passing	Yes	Yes	No	n/a
Grade**	Repeat	No	Yes	No	n/a
TC	Transfer	Yes	No	No	n/a
IP	In Progress	No	No	No	n/a
W	Withdrawal	No	Yes	No	n/a

\* During the COVID-19 pandemic, including Spring, Sum I, Sum II and Fall 2020 terms, the grades P(Pass) & NP(No-Pass) were issued

**All ENGB/IELP courses and developmental Math courses (090/095/103/104) are graded P+\*, P\*, and F\*, with P\* as the lowest passing grade. It is also the lowest passing grade in ENGL 100 and UNIV 100. Internships are graded on a P+, P and F scale.**

I An incomplete (I) is issued no sooner than the last two (2) weeks of the semester to a student who has satisfactorily completed a substantial portion of the course work, but for **nonacademic reasons beyond the student's control**, he or she is unable to meet the full course requirements on time. The course instructor issues this grade, subject to approval by Dean, Associate Dean or Chair and the Provost and Chief Academic Officer. The incomplete coursework must be completed before the end of the Drop /Add period of the subsequent semester the student is enrolled in. If the student does not complete the work within the stipulated time, the incomplete is changed automatically to the grade of F. An incomplete must be processed at the time of the concession (e.g., authorized suspension of attendance, accepted tardiness/non-completion of assignments for serious medical conditions or exceptional personal circumstances). **The university does not grant incompletes retroactively. Students should apply for an incomplete through the online system at <https://registrar.aud.edu>**

AU **No credit is given for audit (AU) classes, nor is the grade included in the student's academic average.** Students must receive written approval from the Dean, Associate Dean or Chair to audit a class, or classes, prior to the first day of the semester. Instructor approval may be required for some courses.

IP This symbol is used in lieu of a grade when an Internship or a Field Experience is still in progress. It is assigned at the end of the academic term of registration for the course, and in subsequent semesters/terms, until the

Internship or Field Experience is completed, submitted, evaluated and a final grade is assigned. **No credits are awarded for an Internship or a Field Experience while it is in progress.** The IP grade is also designated in cases where an honor council decision is pending.

**W** **A student is allowed to withdraw officially from a course no later than the end of the tenth week of the semester (end of the fifth week in a summer session).** The W is calculated in Satisfactory Academic Progress but is not calculated in the CGPA. **The university does not grant withdrawals retroactively.** W is used to denote withdrawal of students in the case of dismissal by a Conduct Council.

## **Application of Grades and Credits/Repeating a Course**

The previous chart describes the impact of each grade on a student's academic progress. For calculating rate of progress (see below), grades of F (Failing), W (Withdrawal), and I (Incomplete) are counted as credits attempted, but are not counted as credits successfully completed.

A student may repeat a course either to replace a failing grade with a passing grade or to try to improve a passing grade achieved the first time the student took the course. A previously passed course may be repeated only once. A previously failed course which is repeated and failed again may be retaken only one more time, for a total of three attempts. In the case of students who have been accepted to the university as degree candidates (including those whose programs are "undecided"), **failing and/or withdrawing a required course (other than developmental courses) three times may be grounds for dismissal.** Such dismissal will be determined by the Dean, Associate Dean or Chair of the Academic unit housing the student's degree program (Arts and Sciences in the case of undecided students). When a student registers for a course the third time, he or she may only do so subject to the conditions set by the appropriate Dean, Associate Dean or Chair.

**A course in which a grade of C or higher is received may only be repeated within one year from receiving the initial grade or as soon as the course is offered again if it is not offered during this one-year period.** A student who has completed all degree requirements will not be allowed to repeat courses for the purpose of improving grades.

When a course is repeated, the best grade received is calculated into the CGPA. The lower grade(s) will be followed by an asterisk (\*) indicating that the course has been repeated.

In the case of repeating a course from which the student has previously withdrawn, a W remains on the student's transcript, while the new grade (also shown on the transcript) substitutes for the W in the calculation of the CGPA.

In order to receive credit, the student must repeat any required course in which a grade of F or W is received.

## **Early Alert and Midterm Academic Assessment**

### **Early Alert**

The university alerts the students by the 4<sup>th</sup> week of the Fall and Spring semesters if the student's overall perceived or actual performance in any course is considered unsatisfactory or would lead to an unsatisfactory result. The instructor does this electronically. The online report is communicated with the student's academic advisor and provides reasons for the student's poor performance as determined by the instructor so that the advisors can follow up and support the student.

### **Midterm Academic Assessment**

The university informs the students by the 7<sup>th</sup> week of the Fall and Spring semesters and by the 3<sup>rd</sup> week of the Summer terms when the student's grade in any course is less than C. Students are requested to discuss their academic standing with the related professor and meet with their Academic Advisor and Academic Support Coordinator for support needs.

## **Academic Recognition and Dean's Honor List**

In the fall and spring semesters, undergraduate full-time students (i.e., those completing at least 12 credit hours) who earn a semester GPA of 3.67 or above will be named to the Dean's Honor List.

In order to be eligible for this recognition for the given semester, a student must not have any outstanding incomplete grades in any course during that semester.

## Global Honors Pathway (GHP)

The Global Honors pathway is aimed at promoting global awareness and tolerance, as well as instilling an ethos of ethical engagement in present day social, political and economic challenges. The academic and co-curricular requirements provide students with the opportunity to learn about diversity, social justice, and cross-cultural encounters through an interdisciplinary curriculum and hands on experiences.

### Eligibility:

- Completion of 30 credits
- CGPA 3.5

### Requirements for Completion:

- Service / Study abroad \*
    - A leadership role in a student club or organization for at least one academic year
    - Enroll in a study abroad for at least one semester (must be completed in compliance with AUD's Residency Requirements policy on pp.80-81)
    - One semester of volunteer work with a humanitarian / civil society organization/government body (this cannot be met through the internship requirement)
    - Evidence of involvement in the creation of a social entrepreneurship enterprise
- \* Students must submit a 1500 essay on their experience on the portal to fulfill this requirement.
- Two courses focused on diversity, global awareness or social justice (see list below)
  - Two consecutive courses in a foreign language
    - Students who have completed this requirement as part of their major should take two replacement courses from the diversity, global awareness or social justice list **or** complete two consecutive course levels in another foreign language

### Double Dipping Rule:

Honors Pathway students can double dip up to 1 course. This can include one foreign language course.

### Course List: (Focus on diversity, global awareness or social justice)

- ENGL 231 World Literature I
- ENGL 232 World Literature II
- ENGL 311 World Mythology
- GEOG 310 Human Geography
- HIST 212 Modern Europe
- HIST 251 World History to 1500 CE
- HIST 252 World History since 1500 CE
- HIST 310 The US in World Affairs
- INST 360 Poverty and Inequality
- INST 361 Forced Migration and Refugees
- MEST 310 Islamic Civilization
- MEST 315 History of the Modern Middle East
- MEST 318 Cultures of the Middle East
- MEST 319 Politics in the Middle East
- MEST 330 The Ancient Near East
- MEST 333 The Middle East in Late Antiquity
- MEST 343 Business in the Middle East
- MEST 350 Religions of the Middle East
- MEST 352 Conflicts in the Middle East
- MEST 353 Women and Gender in the Middle East
- MEST 380 The Gulf: Culture and Economics Since 1970
- MEST 381 North Africa: Nation, Society, and Culture
- MEST 382 The Levant: Arab Lands of the Eastern Mediterranean
- MEST 383 Iraq: Reinventing the Nation
- MEST 384 Egypt: Literature Since 1952
- MEST 475 Special Topics in Middle Eastern Studies
- PHIL 250 Political Philosophy
- PHIL 310 Ethics and Moral Philosophy

- POLS 201 Comparative Political Systems
- POLS 310 Political Geography
- POLS 320 The United Nations
- POLS 325 International Organizations
- POLS 401 Contemporary Political Issues
- POLS 415 Geopolitics
- SOCI 301 Globalization
- SOCI 332 Culture and Society in South Asia
- SOCI 340 Technology and Society
- SOCI 344 Gender and Society
- WLDC 301 Religions of the World
- WLDC 401 Contemporary Cultural Issues
- CABR 275 Course Abroad

## Grade Appeal\*

Questions and concerns about grades often result from misunderstandings about grading practices and expected standards. Direct communication between instructors and the students usually clear up these misunderstandings. In some cases, however, a grade appeal is warranted.

Students have the right to appeal a grade and request a reconsideration of the assigned grade within one month subsequent to the issuance of the grade; however, they must provide sufficient, tangible evidence to support their request for a re-examination of the assigned grade.

### Reasons for reconsideration of a grade appeal may include:

- Miscalculation of marks;
- Misgrading of a paper, project or exam;
- Application of an evaluation or grading system which was not included in the course syllabus;
- A departure from the instructor's previously announced standards;
- Assignment of a grade on some basis other than the student's performance in the course;
- **Demonstrable** evidence of discrimination or prejudice in the assignment of the grade;
- Arbitrary assignment of grade (lack of consistent and equitable standards for grading).

### Grade Appeals will be dismissed if:

- Allegations by the student do not indicate erratic grading;
- The basis of the disagreement is with the instructor's particular grading standards; or,
- The appeal is not submitted within the given one month period subsequent to the issuance of the grade.

\* *Students must submit their grade appeal within 24 hours from the release of grades to qualify for the School and/or Valedictorian Award. Any grade appeal or change of grade requested beyond the deadline will result in the student no longer being eligible for the aforementioned awards.*

## Online Grade Appeal Application

### The Application

Student may file a grade appeal online through the grade appeal application: <https://registrar.aud.edu/>

### Grade Appeal Procedure

- The student should make an appointment with the appropriate instructor when there is any question about a particular grade or the instructor's grading policy. Students in the Study Abroad Program (SAP), if they have returned to their home countries, may contact the instructor via telephone or email;
- Subsequently, **if students wish to file for a grade appeal**, they log into the *Grade Appeal Application* available under the Registrar's Portal: <https://registrar.aud.edu/>.
- Once a grade appeal is submitted, the course instructor receives a notification email prompting him or her to log into the application and confirm meeting with the student and entering his or her remarks;
- The Chair of the department offering the course in which the grade appeal is made will then follow up on the case and enter his or her decision to the system.

- Students and concerned faculty will receive an update on the status of the appeal via email. If the grade appeal is approved by the Department Chair, the instructor will proceed with the grade change, with an explanation of the reasons and the new grade. In the event that the appeal is not approved by the relevant Chair, students may choose to appeal to the Dean, who will then follow up on the case and enter his or her decision to the system.
- The student, concerned faculty, and Chair will receive an update on the status of the appeal via email. If the grade appeal is approved, the instructor will proceed with the grade change, with an explanation of the reasons and the new grade. In the event that the appeal is not approved by the relevant Dean, the student may raise the appeal to the Provost and Chief Academic Officer for review.
- The Provost and Chief Academic Officer will discuss the questions raised with the instructor, give the student a perspective regarding the grade and review the mechanism for appeal.
- The student, concerned faculty, Chair, and Dean will receive an update on the status of the appeal via email. If the grade appeal is approved, the instructor will proceed with the grade change online.

## Academic Honesty

At AUD, students are expected to demonstrate academic integrity by completing their own work, assignments and assessments. Effective planning and progress must be accomplished for students to be successful in their degree program of study. Submission of work from another person, whether it is from printed sources or someone other than the student; previously graded papers; papers submitted without proper source citation; or submitting the same paper to multiple courses without the approval of all instructors involved can result in a failing grade or be reported to the Dean, Associate Dean or Chair for appropriate sanction or disciplinary actions. All students are expected to maintain the standards as set forth in the Code of Student Conduct and Statement on Academic Honesty.

## AUD Honor Code Pledge

The administration and faculty of AUD believe strongly in the Academic Policies and Procedures concept of an honor system. This belief is based on the knowledge that in competitive professional environments, greater emphasis is placed on originality and integrity of ideas and work. All members of the AUD academic community, including faculty, students, and administration, are expected to assist in maintaining the integrity of the university, which includes reporting incidents that violate the Statement on Academic Honesty.

To this end, all students are asked to adhere to the honor pledge that reads as follows:

***“As a student of The American University in Dubai, I pledge that all tests taken by me and that all work submitted by me will be original and solely the results of my own efforts. Furthermore, as a student and member of the academic community of The American University in Dubai, I am bound to uphold standards of personal integrity and honesty and to accept my personal, academic and professional responsibilities in the community.*”**

***Specifically, I pledge:***

- ***to adhere to the university’s policy on cheating and plagiarism;***
- ***not to lie or steal in my university undertakings;***
- ***not to evade the truth or deceive; and,***
- ***to inform the appropriate faculty member and Dean, Associate Dean or Chair of my School or Department of any and all cases of academic dishonesty and violations of the Honor Code.”***

Violations of the Honor Code are handled as set forth in the *Student Handbook* and on the AUD website. All members of the AUD academic community, including faculty, students and administration, are expected to assist in maintaining the integrity of the university, which includes reporting incidents that violate the Statement on Academic Honesty.

## Penalties for Academic Integrity Violation

- Following careful consideration at the school Dean level or deliberation at the University Honor Council (UHC) level, a penalty commensurate with the seriousness of the offense and the degree of student culpability will be determined from the menu below:

1. Zero on the graded work involved in the offense (normally applied to offenses reviewed at the school Dean level, although more severe penalties may not be ruled out)
  2. A grade of F in the course
  3. A grade of F in the course plus suspension in the academic term following the term in which the offense was committed
  4. A grade of F in the course in which the offense was committed, immediate withdrawal from all courses in which the student is enrolled, and immediate dismissal from the university (dismissal is subject to ratification by the Provost and Chief Academic Officer before going into effect)
- B. The penalty for second-time offenses can never be less than A.3 above.
- C. Students who aid in someone else's cheating or plagiarism are equally at fault and will be sanctioned accordingly.

**Students in need of clarification of the university's Academic Integrity Policy may consult the Dean or Associate Dean of their School or their Department Chair.**

### **Periodic Evaluation of Academic Standing**

All students must maintain satisfactory academic performance in order to remain enrolled at AUD. Academic standing is evaluated periodically by measuring each student's cumulative Grade Point Average (CGPA). Students are expected to meet minimum CGPA requirements in order for their academic performance to be considered satisfactory. **Undergraduate students are required to maintain a minimum CGPA of 2.0 throughout their enrollment in order to be in good academic standing.** A student's CGPA will be reviewed at the end of each academic term after grades have been posted to determine whether the student is in good academic standing.

If a student changes his or her program or major, the grades received in the former program or major continue to be calculated as part of the student's CGPA.

### **Academic Warning and Academic Probation**

- A student will be placed on **Academic Warning** at the end of the first academic term in which his or her CGPA falls below 2.0.
- At the end of the next academic term, the student is removed from Academic Warning and returned to good academic standing if he or she achieves a CGPA of 2.0 or higher.
- If at the end of the next academic term, immediately following placement on Academic Warning, the student's CGPA remains below 2.0, he or she will be placed on **Academic Probation**.
- Once a student is placed on Academic Probation, he or she has one academic term to achieve good academic standing. A student who, at the end of one academic term on Academic Probation, raises his or her CGPA to 2.0 or higher is removed from Academic Probation and returned to good academic standing.
- Students are notified of placement on Academic Warning and Academic Probation in writing.

### **Conditions Applicable to Students on Academic Warning and Academic Probation**

- Students on Academic Warning and Academic Probation must consult with their assigned Academic Advisor prior to selecting their courses for the next academic term to obtain their approval to register; course load limitation may be applied.
- As long as a student remains on Academic Warning or Academic Probation, his/her performance will continue to be reviewed by their assigned Academic Advisor who will guide and support the student in order to achieve academic growth reflected in improved academic standing.
- Students on Academic Probation must give priority to repeating all required failed courses, and are advised to repeat other courses in which they obtained failing or low grades.
- Students who have failed a developmental course (or have a foundation hold) must meet with the Academic Support Coordinator for academic advising prior to registering for courses.

### **Academic Suspension**

- If a student's CGPA, at the end of one academic term on Academic Probation, is still below 2.00, he or she is placed on **Academic Suspension** from the university for the next academic term.
- Students are notified of placement on Academic Suspension in writing.



## Readmission from Academic Suspension

Students placed on Academic Suspension may be granted readmission to the university if they apply for readmission at the end of their suspension period. See the section below on the Academic Appeals Process.

**Students granted readmission from Academic Suspension will be placed on Academic Probation.** The course load for these students will be not less than 9 credit hours and not more than 13 credit hours per semester, and must be 3 credit hours in Summer terms. A student's Dean, Associate Dean or Chair may set other appropriate conditions and expectations regarding courses to be taken and academic performance upon readmission. The university may set other appropriate conditions.

## Removal of Academic Probation for Students Readmitted from Academic Suspension

Students returning from Academic Suspension are readmitted on Academic Probation. They are expected to achieve good academic standing by attaining a CGPA of 2.0 or higher, upon attempting a minimum of 24 credit hours following readmission. Academic Probation will be removed at the end of the academic term in which this result is achieved.

## Academic Dismissal

A readmitted student will be dismissed from the university if, upon attempting a minimum of 24 credit hours following his or her readmission from Academic Suspension, the student fails to achieve a CGPA of 2.0 or higher. A readmitted student will also be dismissed from the university if, **at the end of any academic term** after completing the minimum 24 credit hours, the student's CGPA once again drops below 2.0.

## The Academic Appeals Process

### Appeals of Academic Suspension and Academic Dismissal

A student may appeal to have a suspension or dismissal **reversed**. This **appeal** must be filed on-line (<https://registrar.aud.edu/>) by the date reflected on the Academic Calendar.

Denied appeals of suspension result in a period of forced absence from the university. **Following this absence (suspension)**, the student may request to return to the university. This **request** must be filed on-line by the date reflected on the Academic Calendar.

Approved appeals of suspension result in reversal of suspension. Student's CGPA must be raised to a minimum of 2.00 by the end of the term. Students will be suspended at the end of any academic term after reverse of academic suspension if the student's CGPA once again drops below 2.00.

### Applications for Readmission from Academic Suspension

Students may apply online (<https://registrar.aud.edu/>) by the date reflected on the Academic Calendar. The student should attach a letter detailing his or her activities during the suspension period and should explain why the student believes his/her academic performance will improve in the future. Other required documentation should be provided online.

Although students who are academically suspended from AUD often choose to take courses at other institutions to improve areas of weakness or to indicate seriousness of continued academic pursuits, they will not receive transfer credits for those courses upon their readmission to AUD.

### Processing Timeline for Academic Appeals

- Last day to submit the *Academic Standing Appeal* online is **seven (7) days before the beginning of classes**. See *Academic Calendar*.
- Students whose appeals have been denied by the Provost and Chief Academic Officer, may appeal online to the President. Last day to appeal a suspension or dismissal to the President is the **first day of classes**.

### Transfer Credit/Residency Requirements

All students must complete a minimum of 50 percent of their degree program credit requirements in residency at AUD in order to qualify for a degree. The total number of credits in residency required is determined by calculating 50 percent of the total number of credits required for the student's program of study. **Furthermore, all students must complete their last two semesters (i.e., obtain a minimum of 30 credit hours) at AUD to be awarded an AUD degree.**

Students enrolled at AUD are required to have on file within their first term of residence official transcripts for any institutions of higher learning previously attended. The Office of Student Recruitment and Admissions will ultimately verify/certify the institution's eligibility for transfer of credit.

In order for AUD to accept transfer credit from an institution outside the U.A.E., such institution must be licensed or officially recognized by the Education Department or Ministry of Higher Education of the country where it is in operation.

Several transcript evaluation services are available to students. Services which are either recognized by AACRAO (Association of Collegiate Registrars and Admissions Officers) or a member of NACES (National Association of Credential Evaluation Services, Inc.) are acceptable services. Students are responsible for all applicable fees.

Specific requirements for the evaluation and award of transfer credit at AUD include:

- Application for transfer credit, accompanied by all required documentation (course syllabi), must be submitted during the student's first semester of residence. **All transfer credit files (including official transcripts) must be completed during that time. In no case will transfer credit be granted following the one year (calendar) anniversary of the beginning of the student's residence at AUD.**
- Students may transfer in a maximum of 50% of the required program credits.
- In those cases in which students present courses for transfer constituting greater than 50% of a program's credit hour requirement, courses will be eliminated (to get to 50%) per the following order of priority:
  - Major
  - Core
  - Major and Professional Elective
  - Foundation
  - Arts and Sciences
- Official college or military transcripts are evaluated on a course-by-course basis.
- Only courses at the 100 level or above will be eligible for transfer credit.
- In order to be granted transfer credit for 300/400 AUD-equivalent courses, a minimum grade of B or better is required. This does not apply to AUD students enrolled in an exchange program unless the course serves as a prerequisite for which AUD requires a grade of B or higher.
- In order for AUD-equivalent courses to be eligible for transfer credit at the 100/200 level, a grade of C or better is required.
- A maximum total of two (2) courses may be transferred into the university at any time, and applied toward completion of the Middle Eastern Studies Certificate.
- 3-semester and 4-quarter credit courses may be considered equivalent to AUD's 3 credit courses. A course-to-course analysis of outcomes may result in credit transfer from accredited institutions of higher learning.
- Under no circumstances will the total number of credit hours transferred exceed six (i.e., two courses) of the student's chosen major.
- Under no circumstances will the university grant transfer credit for courses designated as capstone, senior project, portfolio, internship or study tour. Examples include: MGMT 499, AIMC 431, VICD 455/456, IDES 331.
- Following a student's initial enrollment at AUD, he or she may transfer a maximum of 15 credit semester hours or equivalent, subject to approval by their Dean, Associate Dean or Chair to spend **a term (i.e., semester or summer session[s]) abroad**, either at a university with which AUD has an exchange agreement or another university chosen by the student (subject to AUD approval).
- Be in his or her sophomore year or beyond.

In no case may the total number of transfer credits following admission to AUD exceed 15; and these must fall within the 50% of credits earned in residence required to be granted an AUD degree. See pp. 43-45 for those institutions with which AUD has exchange agreements. After initial enrollment at AUD, students will, subject to prior approval, receive transfer credits only for pre-approved courses from the following sources:

- AUD-approved exchange programs;
  - AUD-approved study abroad programs;
- or,
- Other AUD-approved institutions.

AUD students who wish to earn credit at another university must obtain prior approval for the courses they intend to take. Application for course authorization is available online at <https://registrar.aud.edu/>. **Failure to do so prior to the commencement of study may result in AUD's denial of transfer credit.**

## Student Exchange Eligibility

Students wishing to participate in an AUD-sponsored exchange program, must meet the following criteria:

- Carry a minimum CGPA of 2.5;
- Be in his or her sophomore year or beyond.

## Directed Study

Directed study (DS) is a non-classroom learning activity undertaken for credit by one student or a small number of students (not to exceed three) at their request. Extending over a full academic term, DS is guided, supervised, evaluated and graded by a full-time faculty member.

Besides (or as a condition for) approval by the supervising faculty member, minimum CGPA and other academic performance requirements may apply before a student is approved to undertake DS. Approval by the academic unit housing the relevant discipline is also required.

DS covers a significant area of a discipline that is not covered in any of the regular course offerings listed in the *Catalog*. It involves readings, research, applications and other activities to be undertaken independently by the student(s). Typically, prior discussions will have taken place between the student(s) and a faculty member who is expert in the area of interest and is prepared and available to direct the study.

DS is conducted in accordance with a syllabus which specifies a course code reflecting the discipline, number (400 level), objectives, readings, learning outcomes and a weekly schedule of topic coverage, activities, assignments, etc., as well as evaluation and grading. The syllabus must also specify whether DS credits will count towards a major.

Students whose major is offered by the school housing the discipline of the DS, but is different from that discipline, will be awarded major/professional elective credit, or general elective credit if they have already completed all major/professional electives in their program. Students completing a major in another school will get general elective credit for the DS.

DS credits may count towards a minor, subject to the conditions and requirements set by the academic unit offering the minor.

A student may take no more than two DS course equivalents for a total number of credits not exceeding six. Academic units may set lower limits on DS.

## Directed Study Vs. Special/Selected Topics

DS is undertaken as a non-classroom learning activity at the request of one student or few students. By contrast, special/selected topics courses are classroom courses initiated by departmental curriculum committees, not by students.

DS is not intended for piloting a new course as a first step towards possible future addition of the course as a regular offering in the *Catalog*. By contrast, special/selected topics courses are intended expressly for that purpose.

## AUD Global Seminars

An exciting opportunity exists for students at AUD to earn academic credit toward their degree by participating in AUD-sponsored courses abroad. Previously offered under the name International Study Tour, Global Seminar destinations have included New York, Paris, Milan and Florence. **A student may only receive three credit hours toward graduation for one global seminar.** In order to register for a second global seminar, a student must obtain the written approval of the Dean of their school. Academic credit will be granted and a grade assigned for the second global seminar, but will not count toward fulfillment of degree requirements.

**Withdrawals from Global Seminars are not permitted.** AUD Global Seminars carry the course code CABR. Professional Elective credit for global seminars may be granted subject to assessment and approval by the head of the academic unit in which the student is enrolled and the Provost and Chief Academic Officer, if the travel itinerary, the assignments and learning outcomes sufficiently justify granting Professional Elective credit.

**Students taking AUD Global Seminar courses are evaluated by a letter grade.**

## Dual Credit Courses

Dual Credit (undergraduate) courses are open to eligible high school students, while dual credit (graduate) courses are open to eligible AUD undergraduate students.

### Admissions Criteria for AUD undergraduate students\*

To be eligible for dual credit graduate courses, AUD undergraduate students must:

- Must have completed a minimum of 90 credits.
- Must have attained a minimum CGPA of 3.5.
- Must meet degree specific subject requirements
- Must submit an online application no later than six weeks before their intended admission date, specifying graduate program path to which the applicant wishes to be admitted.

*Note: Entry to the dual credit path does not guarantee final admission to the intended graduate program. Rather, students are granted a conditional admission pending the completion of their bachelor's degree requirements and official application for admission to the graduate program. The six-credit graduate hours are transferred only if students begin the master's program in the immediate semester following their completion of the bachelor's degree.*

\*for high school student admission to Dual Credit, refer to pp. 25-26.

### Continuation/Completion of Dual Credit

Dual Credit for high school students:

- Enrolled students must maintain a CGPA of 2.5 in AUD courses in order to continue in the Dual Credit Program.
- Dual Credit students will receive an official AUD transcript upon the successful completion of their courses. While this will indicate the courses, credit hours, and grade s/he obtained in the courses, the student will not be granted any academic degree from the university, but rather be listed under the 'Dual Credit Program'. These courses (if successfully completed with a C grade or above) will count toward their degree programs as transfer credits should they choose to enroll as undergraduates at AUD following the completion of their high school requirements and upon meeting AUD admissions criteria.
- Students enrolled in the Dual Credit Program will have access to all AUD facilities and academic resources (via the AUD Library) during their enrollment period.
- Applicable dual credit courses are capped at 4 courses over the span of 2 years

Dual Credit for AUD undergraduate students:

- Students admitted to the dual credit path are required to maintain a minimum grade of B in the graduate courses taken during their Bachelor's degree. If a minimum grade of B is not met, the student will be dropped from the dual credit pathway with no readmission possible. In such a situation, if an undergraduate student receives a passing grade which is below a B in the graduate course(s) they completed, the course(s) would only count towards completion of the undergraduate degree.
- AUD undergraduate students who complete dual credit courses with a B grade or above must still meet all admissions requirements to the AUD graduate program in question in order to be formally admitted to the program and have the dual credit courses transferred
- The table below outlines the possible pathways for accelerated master's degree and the applicable programs and courses:

School	Accelerated Master's Pathway	Applicable Graduate Course Options	Applicable Undergraduate Programs	Category of final year undergraduate courses that count towards graduate program
School of Business Administration	Intellectual Property and Innovation Management	<ul style="list-style-type: none"> <li>• IPIN602 – Innovation and Entrepreneurship</li> <li>• IPIN 606 – Research Methodology</li> </ul>	Bachelor of Business Administration	GEN ELE + M ELE
			Bachelor of Communication and Information Studies	GEN ELE + GEN ELE
			Bachelor of Arts in International Studies	GEN ELE + GEN ELE
			Bachelor of Arts in Psychology	GEN ELE + GEN ELE
			Bachelor of Science in Biology	GEN ELE + GEN ELE
			Bachelor of Architecture	GEN ELE
Mohammad bin Rashid School for Communication	Leadership and Innovation in Contemporary Media	<ul style="list-style-type: none"> <li>• LICM601 – Survey of Media Landscape</li> <li>• LICM602 – New Media, New Lifestyles: Societal Impacts of Contemporary Media</li> </ul>	Bachelor of Communication and Information Studies	GEN ELE + GEN ELE
			Bachelor of Arts in International Studies	GEN ELE + GEN ELE
			Bachelor of Arts in Psychology	GEN ELE <u>or</u> A&S ELE + GEN ELE <u>or</u> A&S ELE
			Bachelor of Business Administration	GEN ELE + PROF/M ELE (if pre-approved by the SBA dean)
			BFA in Visual Communications	GEN ELE + PROF ELE (if pre-approved by SAAD Dean)
School of Architecture, Art and Design	Master of Urban Design and Digital Environments	<ul style="list-style-type: none"> <li>• UDDE 608 Graphic Information Systems</li> <li>• UDDE 609 Parametric Urban Design</li> <li>• UDDE 612 Master's Internship</li> </ul>	Bachelor of Architecture	GEN ELE + PROF ELE
			BFA in Interior Design	General: PROF ELE Hospitality: HST ELE
School of Arts and Sciences	Master of International Affairs	<ul style="list-style-type: none"> <li>• MAIA630 International Law</li> <li>• MAIA642 Cultural Diplomacy and Soft Power</li> <li>• MAIA650 Environmental Governance and Sustainability</li> <li>• MAIA665 Public Health and Sustainable Development</li> <li>• MAIA670 Conflict Resolution Strategies in Theory and Practice</li> <li>• MAIA675 War and Technology in the 21st century</li> <li>• MAIA682 Transnational Trafficking</li> </ul>	Bachelor of Arts in International Studies	GEN ELE + GEN ELE
			Bachelor of Arts in Psychology	GEN ELE <u>or</u> A&S ELE + GEN ELE <u>or</u> A&S ELE
			Bachelor of Science in Biology	GEN ELE + GEN ELE
			Bachelor of Communication and Information Studies	GEN ELE + GEN ELE
			Bachelor of Business Administration	GEN ELE + PROF/M ELE (if pre-approved by the SBA dean)

		<ul style="list-style-type: none"> <li>MAIA685 Human Security and the Middle East</li> </ul>		
School of Engineering	Master of Science in Construction Management	<ul style="list-style-type: none"> <li>EICM 612 Planning and Scheduling in Construction</li> <li>EICM 642 Construction Equipment and Operations</li> <li>EICM 662 Sustainability in Design and Construction</li> </ul>	Bachelor of Science in Civil Engineering	ECVL ELE + ECVL ELE <b>or</b> GEN ELE + ECVL ELE
			Bachelor of Architecture	GEN ELE + PROF ELE (if pre-approved by SAAD dean)
School of Education	Master of Education	<ul style="list-style-type: none"> <li>EDCO 600 Learning and Human Development</li> <li>EDCO 621 Teaching in a Multicultural Classroom</li> </ul>	Bachelor of Arts in International Studies	GEN ELE + GEN ELE
			Bachelor of Arts in Psychology	GEN ELE <b>or</b> A&S ELE + GEN ELE <b>or</b> A&S ELE
			Bachelor of Science in Biology	GEN ELE + GEN ELE
			Bachelor of Communication and Information Studies	GEN ELE + GEN ELE

**Legend:**

GEN ELE: General Elective

M ELE: Major Elective

A & S ELE: Arts and Science Elective

### General Education Exit Examination

**The General Education Exit Examination is administered online twice yearly** - once in the Fall and Spring semesters. The date for this Examination is announced within the first two weeks of the semester. Students completing degree requirements in the Fall, Spring, or either of the succeeding Summer sessions must sit for the Examination scheduled in the Spring semester.

**Fulfillment of a student's request for a diploma will not be finalized until the student has taken the General Education Exit Examination.**

### Graduation/Diploma

A student may not request a diploma any earlier than the student's last semester at AUD. The request must be completed online at <http://registrar.aud.edu/> before the end of the student's final semester. Failure to complete the application online by the specified date may delay receiving the diploma.

Diplomas are available for personal pick-up by students at the Office of the Registrar. A student who prefers an alternative for collecting or receiving his or her diploma should specify on the online request, and pay additional fees for courier services. (For purposes of graduation verification, the university can provide a letter [stamped] to the student until their diploma is issued.)

### Graduation Modalities

In order to qualify for graduation, students must meet the following eligibility requirements:

#### Academic

- Minimum CGPA of 2.0;
- Clearance by their Dean, Associate Dean or Chair that all program requirements have been met; and,
- Separately, only those students who complete the last 30 credit hours at AUD are eligible to be awarded an AUD degree.

#### Administrative

Student's with overdue library books or who are delinquent in the payment of fees may not apply for their diploma until the irregularity is remedied.

## Diploma

- Completion of the General Education Exit Examination; and, the *Completion Survey* (administered online).

AUD will award degrees at the end of the academic semester or summer session. For the purposes of graduation verification, the university will provide a letter (stamped) to the student until his or her diploma has been provided.

## Participation in the Annual Graduation Ceremony (Eligibility)

The American University in Dubai holds its Commencement Exercises once a year following the **Spring** semester. In order to be eligible to participate, candidates for **undergraduate** degrees:

1. must be in good academic standing (cumulative GPA of 2.0 or higher) as of the end of the **Spring** semester;
2. must have **not more than two courses (6 credits, which may include any internship or courses required for minors)** remaining for completion of their degree requirements by the end of the **Spring** semester preceding the graduation ceremony; and,
3. must complete the application to participate in the graduation ceremony (available online at [graduation.aud.edu](http://graduation.aud.edu)).

Students who are approved for participation in the graduation ceremony before completing all degree requirements, as described above, are not eligible for school awards or for recognition of graduation honors (*Summa Cum Laude*, *Magna Cum Laude*, *Cum Laude*) at the graduation ceremony. However, these designations will be reflected on transcripts and diplomas if they are justified by the student's CGPA upon completion of all degree requirements.

Administration of the above policy is the purview of the Office of the Registrar. Any situation requiring more specific interpretation of the policy will be referred to the Provost and Chief Academic Officer.

## Time Limit for Completion of Undergraduate Degree Programs

All coursework and other requirements for baccalaureate degrees must be completed no later than **ten calendar years** from the date of initial admission to the program. Study terms and inactive terms, during which the student was not registered in any courses, will all be counted in determining adherence to this time limit.

## Graduation with Honors

Bachelor's degree graduates who have maintained a record of outstanding academic achievement will be recognized as follows:

**Summa Cum Laude:** A student graduating with a cumulative Grade Point Average of **3.90 or above**.

**Magna Cum Laude:** A student graduating with a cumulative Grade Point Average of **3.70 – 3.89**.

**Cum Laude:** A student graduating with a cumulative Grade Point Average of **3.50 – 3.69**.



## ACADEMIC UNITS, PROGRAMS AND DEGREE REQUIREMENTS

- Degree Requirements
- Student Responsibility
- Credit Hour Requirements
- School of Architecture, Art and Design
- School of Arts and Sciences
- School of Business
- Mohammed Bin Rashid School for Communication
- School of Engineering
- IAA Certificate
- Center for Intensive English Proficiency
- Centers at AUD



## Degree Requirements

To be recommended by the faculty for graduation with a Bachelor's degree, students must fulfill all degree requirements. Students on a previous curriculum may choose to fulfill the requirements of that curriculum or the current one. Program-specific requirements as they now stand are outlined on the following pages.

## Student Responsibility

It is the student's responsibility to fulfill the degree requirements of his or her program. **Regulations will not be waived nor exemptions granted based on a student's claimed lack of awareness of degree requirements as per this Catalog and subsequent changes.** Although a number of university personnel (e.g. advisors, faculty, etc.) assist students, it is ultimately the student who is accountable for adhering to the mandates of his or her degree program. **Citing as an excuse misinformation provided by university personnel will not exonerate a student from this accountability.**

## Credit Hour Requirements

The total number of credit hours required in each degree program is clearly stated in the respective sections of this *Catalog*.

The same course may not be used to satisfy multiple components of the requirements for a degree. For example, once a course is used to fulfill the Professional Elective or Major component, it may not then be used as a General Elective. Similarly, a course used to satisfy a requirement of the Arts and Sciences Core may not be simultaneously counted as a General Elective. Only in pursuance of the Certificate in Middle Eastern Studies may credit be used to fulfill simultaneously a degree requirement and a requirement for the Certificate.

Requirements for minors are also stated in this *Catalog* in the section dedicated to the academic unit offering the minor

Students pursuing multiple majors are bound by the regulation found on p. 69.

A student must fulfill the requirements of any degree program in which he or she is enrolled. In the rare case of a student's enrollment in more than one program, the amount of credit applicable to any/all degrees will be determined by the Provost and Chief Academic Officer in consultation with the appropriate Deans, Associate Deans or Chairs.



AMERICAN  
UNIVERSITY  
IN DUBAI

## School of Architecture, Art and Design

### SCHOOL OF ARCHITECTURE, ART AND DESIGN

The School of Architecture, Art, and Design offers at the undergraduate level a five-year professional Bachelor of Architecture (B.Arch.) and four-year Bachelors of Fine Arts (B.F.A.) in Interior Design (ID) and Visual Communication (VC), as well as a Master of Urban Design and Digital Environments (M.U.D.D.E.) which is offered at the graduate level. All four curricula are accredited both locally and internationally. The VC Department offers a choice of four majors, namely Advertising, Digital Media, Graphic Design, and Studio Art. The Interior Design and Architecture Departments offer on top of the general B.F.A. in ID, and a B.Arch. in Architecture, respectively, a “concentration” in Hospitality Design, which allows students to explore the hospitality field and related subject areas to understand and develop knowledge of the topic in all its aspects. Students wishing to pursue the concentrations are responsible for completing all the course prerequisites.

Digital Design and Fabrication (DDFT) courses represent a salient trait of the school, hence many are core requirements in Architecture, Interior Design, and Visual communication curricula. Additionally, through the Center of Research, Innovation and Design (CRID), which is the first and only authorized Rhino, VR Sketch, and Gravity sketch training center in the UAE, students can be certified in related software. Moreover, students can take a certification exam for all Autodesk products at AUD, the latter being officially a Certiport Certification Center.

Courses offered by the School are taught by faculty using the latest facilities, equipment, and techniques. The four programs rely heavily on a one-to-one, hands-on studio-based teaching, promoting direct interaction between faculty and students by limiting studio class size while extending contact time.

Students are trained to think, analyze and perform creatively to smoothly and efficiently integrate an increasingly demanding and competitive market in their respective fields. Finally, the school graduates are prepared to advocate and promote cultural diversity, professional ethical values, and environmental awareness.

#### *School Mission*

The mission of the School of Architecture, Art and Design at AUD is to prepare professionals in the fields of Architecture, Interior Design, and Visual Communication to immerse themselves successfully into their profession while attaining international standards of excellence. This is achieved through delivering studio-based curricula that combine art and design theory, construction technology, digital media and the human sciences. The school is committed to promoting critical thinking, creativity, cultural diversity, professional ethics and environmental awareness.

#### *School Goals*

To achieve its mission, the School of Architecture, Art and Design pursues the following goals:

- Establish strong ties with the professional community;
- Foster an educational environment conducive to creativity, competitiveness and excellence;
- Promote cultural diversity and professional ethics;
- Protect the environment; and,
- Contribute to the advancement of society.



## ARCHITECTURE

### *Bachelor of Architecture (B.Arch.) Program*

#### Program Mission

The Mission of the Bachelor of Architecture program is to prepare highly qualified graduates for employment in the building industry, who are ready to embrace the digital environment. Students will be critical thinkers and life-long learners educated in the fundamental skills and knowledge of architecture, while being able to creatively integrate history and theory, as well as digital, artistic, socio-cultural, technological, environmental, legal, and financial dimensions. Furthermore, the program will promote professional ethical values and cultural diversity.

#### Program Goals

- Prepare critical thinkers, who analyze, design, and communicate effectively.
- Prepare students who integrate the human, physical, economic, and environmental dimensions of architectural design using the latest technology.
- Prepare graduates who are technically, ethically, and legally prepared to embrace the profession of architecture.

#### Program Learning Outcomes

Upon completion of the B.Arch., students will be able to:

- Communicate effectively in oral, written, graphical, and digital media.
- Analyze, research and use theoretical precedent and digital technology to inform architectural design.
- Produce design that acknowledges and integrates the human, sociocultural, and economic aspects at the local, regional, and global levels.
- Produce design that integrates the physical context, including environmental issues.
- Produce design that integrates accessibility, life safety, structural systems, and building envelope systems and assemblies.
- Demonstrate an understanding of administrative, financial, legal and ethical aspects pertaining to architectural practice.

### *B.Arch. Summary of Degree Requirements*

Course Classification	Credit Hours Required
Foundation	20
Design Core	92
Professional Electives	12
Arts and Sciences Core	36
General Electives	6
<b>Total</b>	<b>166*</b>

\* The B.Arch. normally requires five years to complete.

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121, *Entrepreneurship and Innovation* as one of their General Electives requirement; (2) BUSI 251, *Startup Entrepreneurship Project* as one of their Professional Electives. Please see pp. 173-174 for information related to the Center of Entrepreneurship and Innovation.

### *Curriculum/Courses*

#### Foundation

		Credit Hours
ARCH 101	Architectural Design Studio I	4
ARCH 102	Architectural Design Studio II	6
ARCH 151	History and Theory of Architecture I	3
MATH 105*	Precalculus for Architecture	3
PHYS 201	Introductory Physics I, w/Lab	4
<b>Total Foundation Requirements</b>		<b>20</b>

\*Students who are exempted from MATH 105 should replace it with a Professional Elective in Architecture.

<b>Design Core</b>		<b>Credit Hours</b>
ARCH 201	Architectural Design Studio III	6
ARCH 202	Architectural Design Studio IV	6
ARCH 211	Materials and Methods of Construction	3
ARCH 254	History and Theory of Architecture II	3
ARCH 301	Architectural Design Studio V	6
ARCH 302	Architectural Design Studio VI	6
ARCH 311	Structural Analysis	3
ARCH 312	Structural Design	3
ARCH 321	Environmental and Building Service Systems	3
ARCH 351	Theory of Architecture	3
ARCH 401	Architectural Design Studio VII	6
ARCH 402	Architectural Design Studio VIII	6
ARCH 412	Construction Management and Building Economics	3
ARCH 441	Professional Practice, Entrepreneurship and Ethics	3
ARCH 431	Life Safety and Codes	3
ARCH 501	Architectural Design Studio IX	6
ARCH 502	Architectural Design Studio X	6
ARCH 561	Internship	2
DDFT 341	Digital Design and Fabrication I	3
DDFT 351	Parametric Design I	3
DDFT 442	Artificial Intelligence in Architecture	3
DDFT 474	Building Information Modeling I	3
DDFT 475	Collaborative Building Information Modeling	3
<b>Total Design Core Requirements</b>		<b>92</b>

<b>Professional Electives</b>		<b>Credit Hours</b>
ARCH 294	Film and Architecture	3
ARCH 322	Basic Elements of Landscape Architectural Design	3
ARCH 342	Portfolio Design in Architecture	3
ARCH 361	Interdisciplines in Architecture: Archeatable	3
ARCH 370-375	Architecture Study Tour	3
ARCH 380	Special Topics in Architecture	3
ARCH 423	Sustainable Urbanism	3
DDFT 268	Computer-Aided Design (CAD) I	3
DDFT 270	Digital Design Illustration	3
DDFT 352	Parametric Design II	3
DDFT 373	Virtual Designs	3
DDFT 466	Advanced Computer-Aided Design (CAD)	3
DDFT 473	Virtual Environments	3
IDES 374	Hospitality Design	3
<b>Total Professional Electives Requirement</b>		<b>12</b>

### Arts and Sciences Core

See pp. 106-109 for Arts and Sciences Core Requirements.

*Note that all degree candidates in Architecture must take MATH 205 (Calculus for Architecture) to fulfill the Core Requirement in Mathematics*

**Total Arts and Sciences Core Requirements** **36**

**General Electives** **6**

**TOTAL B.ARCH. DEGREE REQUIREMENTS** **166**

## B.Arch. Course Sequencing

All candidates for the B.Arch. degree should adhere to the following course sequencing:

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE ARCH 101 COMP 101 ENGL 101 MATH 105 UNIV 100	ARCH 102 ARCH 151 ENGL 102 MATH 205 SSCI ELE	
<b>Year II</b>	ARCH 201 ARCH 211 ARCH 254 DDFT 341 ENGL 103	ARCH 202 ARCH 351 DDFT 351 PHYS 201	
<b>Year III</b>	ARCH 301 ARCH 311 DDFT 474 PSPK 101 SCIE ELE	ARCH 302 ARCH 312 ARCH 321 DDFT 475 WLDC 201 or 202	
<b>Year IV</b>	ARCH 401 ARCH 412 ARCH 431 DDFT 442 PROF ELE	ARCH 402 ARCH 441 GEN ELE ISST ELE PROF ELE	ARCH 561
<b>Year V</b>	ARCH 501 HUMN ELE PROF ELE	ARCH 502 PROF ELE GEN ELE	

### Legend:

ARAB: Arabic

ELE: Elective

GEN: General

HUMN : Humanities

ISST: Islamic Cultural Studies

PROF: Professional

SCIE: Science

SSCI: Social Sciences

For course code legends, please see p. 179

## Minor in Architecture

The minor in Architecture is open to all students except those majoring in Architecture. This minor allows students to develop knowledge in the areas of theory and history of Architecture, construction and building materials, and architectural design. In addition to university-wide degree requirements, students must satisfy prerequisites as per the *Catalog* and complete the following courses:

### Requirements

		Credit Hours
ARCH 102	Architectural Design Studio II	6
ARCH 151	History and Theory of Architecture I	3
ARCH 201	Architectural Design Studio III	6
ARCH 211	Materials and Methods of Construction	3
<b>Total Minor Requirements</b>		<b>18</b>



## INTERIOR DESIGN

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

#### Program Mission

The Interior Design Program at the American University in Dubai is aimed at producing a highly qualified career-oriented graduate who is able to integrate art, design, technology and business practice, with the skills and knowledge to produce highly functional and aesthetically appealing interior environments. In addition, the program enforces ethical values in regards to the profession and ethnic and cultural diversity, as well as environmental considerations.

#### Program Goals

The B.F.A. in Interior Design prepares graduates who have:

- Learned cutting edge techniques by maintaining close ties with current design practices and industries;
- Developed the necessary skills to be competitive in the global marketplace;
- Developed high ethical values vis-à-vis the profession, cultural diversity, and environmental considerations; and,
- Acquired high oral and graphic communication skills.

#### Program Learning Outcomes

Students graduating from the B.F.A. in Interior Design will be able to:

- Demonstrate an integrated method in designing interiors and space planning;
- Discuss architectural conceptual design, history and theory by relating styles, movements and Philosophies to interior design;
- Design interiors that acknowledge and integrate the human, sociocultural and economic aspects at the local, regional and global levels;
- Demonstrate the ability to produce, analyze and present interior design by communicating clearly and effectively in oral, writing and graphical forms as well as advanced digital software and media;
- Effectively apply technical skills in the areas of building materials, technologies, interior detailing, lighting, textiles and building codes to design aesthetically appealing and environmentally responsive interiors; and,
- Produce designs that demonstrate understanding of administrative, financial, legal issues as they relate to the practice of the profession of Interior Design and observe ethical standards.

### *B.F.A. in Interior Design Summary of Degree Requirements*

Course Classification	Credit Hours Required	
	General	Hospitality Design Concentration
Foundation	19	19
Design Core	51	51
Professional Electives	15	0
Concentration Option	0	15
Arts and Sciences Core	36	36
General Electives	3	3
<b>Total</b>	<b>124</b>	<b>124</b>

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121, *Entrepreneurship and Innovation* as their General Electives requirement; (2) BUSI 251, *Startup Entrepreneurship Project* as one of their Professional Electives. Please see pp. 173-174 for information related to the Center of Entrepreneurship and Innovation.

## Curriculum/Courses

### Foundation

		Credit Hours
IDES 191	Interior Design Studio I: Visual Expression and Composition	4
IDES 192	Interior Design Studio II: Drawing for Interior Design	4
IDES 291	Interior Design Studio III: 3D Spatial Design	4
IDES 292	Interior Design Studio IV: Space Planning and Universal Design	4
IDES 214	Textiles for Interiors	3
<b>Total Foundation Requirements</b>		<b>19</b>

### Design Core

		Credit Hours
DDFT 268	Computer-Aided Design (CAD) I	3
DDFT 270	Digital Design Illustration	3
DDFT 474	Building Information Modeling I	3
IDES 121	History of Interior Design I	3
IDES 266	Resources and Materials	3
IDES 322	History of Interior Design II	3
IDES 331	Professional Practice	3
IDES 363	Interior Lighting	3
IDES 369	Building Systems and Codes	3
IDES 374	Hospitality Design	3
IDES 391	Interior Design Studio V: Furniture Design and Detailing	4
IDES 392	Interior Design Studio VI: Smart Design	4
IDES 441	Senior Thesis: Research and Portfolio	3
IDES 471	Internship	2
IDES 491	Interior Design Studio VII: Comprehensive Design	4
IDES 492	Interior Design Studio VIII: Capstone Design	4
<b>Total Design Core Requirements</b>		<b>51</b>

### Professional Electives Options

		Credit Hours
DDFT 341	Digital Design and Fabrication I	3
DDFT 351	Introduction to Parametric Design	3
DDFT 373	Virtual Designs	3
DDFT 433	Design Process: CAD and CAM	3
DDFT 466	Advanced Computer-Aided Design (CAD)	3
DDFT 473	Virtual Environments	3
DDFT 475	Collaborative Building Information Modeling	3
IDES 365	Process Modeling	3
IDES 375	Food and Beverage Outlet Design	3
IDES 376	Wellness and Spa	3
IDES 386	Islamic Geometric Pattern Design	3
IDES 464	Acoustical and Thermal Design	3
IDES 470	Special Topics in Interior Design	3
IDES 472	Kitchen and Bath Design	3
IDES 479	Internship A	3
<b>Total Professional Elective Requirements</b>		<b>15</b>

### Hospitality Design Concentration

		Credit Hours
DDFT 466	Advanced Computer-Aided Design (CAD)	3
IDES 365	Process Modeling	3
IDES 375	Food and Beverage Outlet Design (Req.)	3
IDES 376	Wellness and Spa (Req.)	3
IDES 380-385	Interior Design Study Tour	3
IDES 464	Acoustical and Thermal Design	3
IDES 472	Kitchen and Bath Design (Req.)	3
<b>Total Hospitality Design Concentration Electives Requirements</b>		<b>15</b>

## Arts and Sciences Core

See pp. 106-109 for Arts and Sciences Core Requirements\*.

Note that all degree candidates in Interior Design must take MATH 101 (Mathematics for the Arts) to fulfill the Core requirement in Mathematics.

### Total Arts and Sciences Core Requirements

36

\*Students can choose a course from the following list to fulfill the Humanities Elective (HUMN ELE) requirement: ARTS 101, ARTS 200, MEST 329, VCDM 305

### General Electives

3

### TOTAL B.F.A. IN INTERIOR DESIGN DEGREE REQUIREMENT

124

### *B.F.A. in Interior Design Course Sequencing*

All candidates for the B.F.A. degree in Interior Design should adhere to the course sequencing noted on the following charts. Students should also note that the following design courses MUST be taken in the sequence indicated: IDES 191, IDES 192, IDES 291, IDES 292, IDES 391, IDES 392 and IDES 491, IDES 441, IDES 492. No exceptions to this sequencing will be permitted.

Please note that enrolling in developmental courses (MATH 090 and/or ENGL 100) may impact course sequencing. MATH 090, ENGL 100, and UNIV 100 are non-credit bearing courses.

### General Option

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE COMP 101 ENGL 101 IDES 191 MATH 101 UNIV 100	ENGL 102 GEN ELE IDES 121 IDES 192 SSCI ELE	
<b>Year II</b>	DDFT 268 ENGL 103 IDES 214 IDES 291 SCIE ELE	DDFT 270 IDES 266 IDES 292 PSPK 101 WLDC 201 or 202	
<b>Year III</b>	IDES 322 IDES 363 IDES 369 IDES 391 DDFT 474	HUMN ELE* IDES 331 IDES 374 IDES 392 PROF ELE	IDES 471
<b>Year IV</b>	IDES 441 IDES 491 PROF ELE PROF ELE	IDES 492 ISST ELE PROF ELE PROF ELE	

\* Students can choose a course from the following list to fulfill the Humanities Elective (HUMN ELE) requirement: ARTS 101, ARTS 200, MEST 329, VCDM 305



## Hospitality Design Concentration Option

The Concentration in Hospitality Design is offered to Students majoring in Architecture and Interior Design. This Concentration allows students to explore the hospitality field and also requires different subject areas in order to understand and develop knowledge of the topic in all its aspects. Students wishing to pursue the Concentration are responsible for completing all the course prerequisites.

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE COMP 101 ENGL 101 IDES 191 MATH 101 UNIV 100	ENGL 102 GEN ELE IDES 121 IDES 192 SSCI ELE	
<b>Year II</b>	DDFT 268 ENGL 103 IDES 214 IDES 291 SCIE ELE	DDFT 270 IDES 266 IDES 292 PSPK 101 WLDC 201 or 202	
<b>Year III</b>	DDFT 474 IDES 322 IDES 363 IDES 369 IDES 391	HUMN ELE* IDES 331 IDES 374 IDES 392 ISST ELE* or HST ELE	IDES 471
<b>Year IV</b>	IDES 375 IDES 441 IDES 491 ISST ELE** or HST ELE	IDES 376 IDES 472 IDES 492 HST ELE	
* Students can choose a course from the following list to fulfill the Humanities Elective (HUMN ELE) requirement: ARTS 101, ARTS 200, MEST 329, VCDM 305 ** Only one ISST ELE required.			

### Legend:

ARAB: Arabic  
A&S: Arts and Sciences  
ELE: Elective  
GEN: General  
HUMN: Humanities  
HST ELE: Hospitality Design Elective

ISST: Islamic Cultural Studies

PROF: Professional

SCIE: Science

SSCI: Social Sciences

For course code legends, please see p. 179

## Minor in Interior Design

The minor in Interior Design is open to all students except those majoring in Interior Design. This minor allows students to develop knowledge in the areas of textiles, building materials, lighting, furniture design and interior space planning. In addition to university-wide degree requirements, students must satisfy prerequisites as per this *Catalog* and complete all of the following courses:

Courses		Credit Hours
IDES 192	Interior Design Studio II: Drawing for Interior Design	4
IDES 214	Textiles for Interiors	3
IDES 266	Resources and Materials	3
IDES 363	Interior Lighting	3
IDES 464	Acoustical and Thermal Design	3
<b>Total Minor Requirements</b>		<b>16</b>



## VISUAL COMMUNICATION

### *Bachelor of Fine Arts in Visual Communication (B.F.A.) Program*

#### Program Mission

The mission of the Visual Communication Program is to fulfill the professional baccalaureate educational needs of a culturally diverse student population interested in visual arts careers, and to facilitate the creative and scholarly activities of its faculty. Achievement is reached through excellence in teaching, learning and personal development, resulting in graduates poised for intellectual, personal and professional success in a growing, multicultural society.

#### Program Goals

The primary goal of the Visual Communication Program is to provide an educational experience based on the best practice and standards of quality institutions of art and design leading to a Bachelor of Fine Arts degree with Majors in Advertising, Digital Media, Graphic Design, or Studio Art.

The wider goals of the program which reflect this focus are:

- To develop in graduates a strong level of individual critical thinking, problem solving, concept development, technique and aesthetics;
- To promote the value of an awareness and critical perception of the historical, cultural and theoretical foundations for visual art and design;
- To foster an appreciation for the roles of authorship, personal expression and a responsibility for ethical visual communication;
- To provide an academic curriculum, instruction, facilities and technologies offering full opportunity for learning;
- To recruit and retain a diverse faculty of creative professionals and committed educators, and to support their continued creative and scholarly activities; and,
- To contribute to the creative professional and cultural development of Dubai, the United Arab Emirates and beyond.

#### Program Learning Outcomes

Students graduating with the Bachelor of Fine Arts in Visual Communication Degree will be able to:

- Effectively articulate the conceptual foundations of visual communication works;
- Demonstrate the design process for developing new, creative visual communication projects;
- Execute the production and presentation of new works of art and visual design;
- Evaluate and critique contemporary art and design works; and,
- Recognize and integrate the ethical, and sociocultural ideals of the target audience in each work of visual communication.

### *B.F.A. in Visual Communication Summary of Degree Requirements*

Course Classification		Credit Hours Required			
		Advertising	Digital Media	Graphic Design	Studio Art
Foundation		18	18	18	18
Core		21	21	21	21
Major Option	Core	39	15	27	18
	Electives	0	18	12	15
Professional Electives		6	6	6	6
Arts and Sciences Core		36	36	36	36
General Electives		0	6	0	6
<b>Total</b>		<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121, *Entrepreneurship and Innovation* and BUSI 251, *Startup Entrepreneurship Project* as their Professional Electives. Please see pp. 169-171 for information related to the Center of Entrepreneurship and Innovation.

## Major Requirements

- All students must have successfully completed all the Foundation courses with a GPA of 2.0 or higher to begin their Major Option sequence.
- A minimum of a 2.3 MGPA is required for those courses in the declared Major. A student failing to maintain a 2.3 MGPA within a Major will become ineligible to graduate with that specific Major.

## Curriculum/Courses

### Foundation

		Credit Hours
ARTS 200	History of Art I	3
VCCC 100	Introduction to Visual Communication	3
VCCC 101	Basic Principles of 2D Design	3
VCCC 102	Basic Principles of 3D Design	3
VCCC 104	Freehand Drawing I	3
VCCC 105	Computer Graphics I	3
<b>Total Foundation Requirements</b>		<b>18</b>

### Core

		Credit Hours
ARTS 201	History of Art II	3
ARTS 202	History of Art III	3
VCCC 204	Freehand Drawing II	3
VCCC 205	Computer Graphics II	3
VCCC 480	Senior Project	3
VCCC 485	Business Practices and Final Portfolio	3
VCCC 490	Field Experience in Visual Communication	3
<b>Total Core Requirements</b>		<b>21</b>

### Major Option: Advertising

		Credit Hours
BUSI 101	Introduction to Business	3
AIMC 201	Principles of Advertising and Integrated Marketing Communications	3
AIMC 421	Strategic Planning and Measurement for Advertising and IMC	3
AIMC 431	Campaign Development and Evaluation	3
MKTG 201	Principles of Marketing	3
VCAD 202	History of Advertising	3
VCAD 251	Visualization in Advertising	3
VCAD 301	Typography in Advertising	3
VCAD 302	Layout in Advertising	3
VCAD 351	Copywriting in Advertising	3
VCAD 352	Execution, Production and Presentation	3
VCAD 353	IMC Creative Conception	3
VCDM 201	Fundamentals of Web Design	3
<b>Total Advertising Major Requirements</b>		<b>39</b>

### Major Option: Digital Media

#### Digital Media Core

		Credit Hours
VCDM 201	Fundamentals of Web Design	3
VCDM 210	Computer Animation I	3
VCDM 221	Introduction to Video Production	3
VCDM 222	Introduction to Sound	3
VCDM 230	Introduction to Interactive Media	3
<b>Total Digital Media Core Requirements</b>		<b>15</b>

<b>Digital Media Electives</b>		<b>Credit Hours</b>
VCDM 202	Online Media Production	3
VCDM 250	Motion Graphics I	3
VCDM 301	Design Concepts for the Web	3
VCDM 310	Computer Animation II	3
VCDM 321	Intermediate Projects in Video	3
VCDM 322	Advanced Sound Design Studio	3
VCDM 325	Underwater Media Production	3
VCDM 330	Advanced Projects in Interactive Media	3
VCDM 350	Motion Graphics II	3
VCDM 401	Advanced Web Techniques	3
VCDM 402	Web Development	3
VCDM 410	Computer Animation III	3
VCDM 421	Advanced Video Production	3
VCST 320	Performance and Installation Studio	3
M ELE*	Major Elective	3
M ELE*	Major Elective	3
<b>Total Digital Media Electives Requirements</b>		<b>18</b>

**Total Digital Media Major Requirements** **33**

\*M ELE: Major Elective (from any Visual Communication Major, other than their chosen Major)

### Major Option: Graphic Design

<b>Graphic Design Core</b>		<b>Credit Hours</b>
VCDM 201	Fundamentals of Web Design	3
VCGD 251	Typography I	3
VCGD 256	Graphic Design I	3
VCGD 300	History of Graphic Design	3
VCGD 351	Typography II	3
VCGD 353	Production Design	3
VCGD 356	Graphic Design II	3
VCGD 451	Typography III	3
VCGD 456	Graphic Design III	3
<b>Total Graphic Design Core Requirements</b>		<b>27</b>

<b>Graphic Design Electives</b>		<b>Credit Hours</b>
VCGD 360	Arabic Typography	3
VCGD 361	Book Design	3
VCGD 362	Package Design	3
VCGD 363	Poster Design	3
VCGD 364	Typeface Design	3
VCGD 365	Information Graphics	3
VCDM 250	Motion Graphics I	3
VCDM 350	Motion Graphics II	3
VCST 201	Printmaking I	3
M ELE*	Major Elective	3
M ELE*	Major Elective	3
<b>Total Graphic Design Electives Requirements</b>		<b>12</b>

**Total Graphic Design Major Requirements** **39**

\*M ELE: Major Elective (from any Visual Communication Major, other than their chosen Major)

## Major Option: Studio Art

<b>Studio Art Core</b>		<b>Credit Hours</b>
VCST 201	Printmaking I	3
VCST 211	Sculpture I	3
VCST 221	Painting I	3
VCST 401	Studio Art Seminar	3
VCST 402	Advanced Studio I	3
VCST 451	Studio Art Thesis	3
<b>Total Studio Art Core Requirements</b>		<b>18</b>

<b>Studio Art Electives</b>		<b>Credit Hours</b>
VCPH 201	Photography I	3
VCPH 250	History of Photography	3
VCPH 261	Photography II	3
VCPH 311	Alternative Photographic Processes	3
VCPH 411	Creative Photography	3
VCPH 451	Photography Seminar	3
VCST 231	Ceramics	3
VCST 251	Illustration Basics	3
VCST 301	Printmaking II	3
VCST 302	Gallery Management	3
VCST 310	Figure Drawing	3
VCST 311	Sculpture II	3
VCST 320	Performance and Installation Studio	3
VCST 321	Painting II	3
VCST 351	Illustration Workshop	3
M ELE*	Major Elective	3
M ELE*	Major Elective	3
<b>Total Studio Art Electives Requirements</b>		<b>15</b>

**Total Studio Art Major Requirements** **33**

\*M ELE: Major Elective (from any Visual Communication Major, other than their chosen Major)

<b>Professional Electives*</b>		<b>Credit Hours</b>
CABR 275	Course Abroad	3
DDFT 373	Virtual Designs	3
VCAD 351	Copywriting in Advertising	3
VCAD 451	Alternative Advertising	3
VCAD 452	IMC and International Advertising	3
VCAD 454	Advanced Copywriting	3
VCCC 350	Community Service Workshop	3
VCCC 399	Special Topics in Visual Communication	3
VCCC 499	Special Topics in Visual Communication	3
<b>Total Professional Electives Requirements</b>		<b>6</b>

\* May also include courses from any Visual Communication Major Option list (except BUSI 101, AIMC 201, AIMC 421, AIMC 431, MKTG 201).

## Arts and Sciences Core

See pp. 106-109 for Arts and Sciences Core Requirements.

Note that all degree candidates in Visual Communication must take MATH 101 (Mathematics for the Arts) to fulfill the Core requirement in Mathematics.

**Total Arts and Sciences Core Requirements** **36**

**General Electives** **0-6**

**TOTAL B.F.A. IN VISUAL COMMUNICATION DEGREE REQUIREMENTS** **120**

## B.F.A. in Visual Communication Course Sequencing

All candidates for the B.F.A. degree in Visual Communication should adhere to the course sequencing noted on the following charts.

### Advertising

	Fall	Spring
<b>Year I</b>	ARAB ELE ENGL 101 VCCC 100 VCCC 101 VCCC 104 UNIV 100	COMP 101 ENGL 102 MATH 101 VCCC 102 VCCC 105
<b>Year II</b>	ARTS 200 BUSI 101 ENGL 103 VCCC 204 VCCC 205	ARTS 201 MKTG 201 SCIE ELE VCAD 202 VCAD 251
<b>Year III</b>	AIMC 201 HUMN ELE PSPK 101 VCAD 301 VCAD 302	ARTS 202 VCAD 351 VCAD 352 VCAD 353 WLDC 201 or 202
<b>Year IV</b>	AIMC 421 PROF ELE SSCI ELE VCCC 480 VCDM 201	AIMC 431 ISST ELE PROF ELE VCCC 485 VCCC 490

### Digital Media

	Fall	Spring
<b>Year I</b>	ARAB ELE ENGL 101 UNIV 100 VCCC 100 VCCC 101 VCCC 104	COMP 101 ENGL 102 MATH 101 VCCC 102 VCCC 105
<b>Year II</b>	ARTS 200 ENGL 103 VCCC 204 VCCC 205 VCDM 221	ARTS 201 PSPK 101 SCIE ELE VCDM 201 VCDM 230
<b>Year III</b>	DM ELE HUMN ELE PROF ELE VCDM 210 VCDM 222	ARTS 202 GEN ELE DM ELE DM ELE WLDC 201 or 202
<b>Year IV</b>	DM ELE DM ELE PROF ELE SSCI ELE VCCC 480	DM ELE GEN ELE ISST ELE VCCC 485 VCCC 490

Students may replace two DM ELE with M ELE

## Graphic Design

	Fall	Spring
<b>Year I</b>	ARAB ELE ENGL 101 UNIV 100 VCCC 100 VCCC 101 VCCC 104	COMP 101 ENGL 102 MATH 101 VCCC 102 VCCC 105
<b>Year II</b>	ARTS 200 ENGL 103 VCCC 204 VCCC 205 VCGD 251	ARTS 201 ISST ELE VCGD 256 VCGD 300 VCGD 351
<b>Year III</b>	PSPK 101 GD ELE VCGD 353 VCGD 356 VCGD 451	ARTS 202 GD ELE SCIE ELE VCDM 201 VCGD 456
<b>Year IV</b>	HUMN ELE GD ELE PROF ELE SSCI ELE VCCC 480	GD ELE PROF ELE WLDC 201 or 202 VCCC 485 VCCC 490

Students may replace two GD ELE with M ELE

## Studio Art

	Fall	Spring
<b>Year I</b>	ARAB ELE ENGL 101 UNIV 100 VCCC 100 VCCC 101 VCCC 104	COMP 101 ENGL 102 MATH 101 VCCC 102 VCCC 105
<b>Year II</b>	ARTS 200 ENGL 103 VCCC 204 VCCC 205 VCST 211	ARTS 201 PSPK 101 SCIE ELE VCPH 201 VCST 221
<b>Year III</b>	HUMN ELE GEN ELE SA/PH ELE SA/PH ELE VCST 201	ARTS 202 PROF ELE SA/PH ELE SA/PH ELE WLDC 201 or 202
<b>Year IV</b>	GEN ELE ISST ELE VCCC 490 VCST 401 VCST 402	PROF ELE SSCI ELE VCCC 480 VCCC 485 VCST 451

Students may replace two SA/PH ELE with M ELE

### Legend:

ARAB: Arabic

ELE: Elective

GEN: General

GD: Graphic Design

HUMN : Humanities

ISST: Islamic Cultural Studies

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PH: Photography

PROF: Professional

SA: Studio Art

SCIE: Science

SSCI: Social Sciences

For course code legends, please see p. 179

## Minors in Visual Communication

### For Students in Programs other than Visual Communication

#### Minor in Visual Communication

The minor in Visual Communication allows students to explore the general field of Visual Communication and allows either an investigation of several disciplines or a more focused study of one. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. In addition to university-wide requirements, students must complete a minimum of six courses (**18 credit hours**) per the following:

**Minor Core:** students will complete nine (9) credits from the following list:

- ARTS 200 – History of Art I
- VCCC 101 – Basic Principles of 2D Design
- VCCC 104 – Freehand Drawing I

**Minor Electives:** students will complete nine (9) credits from any of the Visual Communication Foundation, Core, Major Options, or Professional Electives lists.

#### Minor in Digital Media (open to all but Visual Communication students)

This minor allows students across the university to develop skills within Digital Media. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. In addition to university-wide requirements, students must complete a minimum of six courses (**18 credit hours**) per the following:

**Minor Core:** students will complete six (6) credits from the following two courses:

- VCCC 105 – Computer Graphics I
- VCCC 205 – Computer Graphics II

**Minor Electives:** students will complete twelve (12) credits from any of the Visual Communication Digital Media courses.

#### For Visual Communication Degree Candidates

These minors are intended to allow Visual Communication majors to develop a broad knowledge of a second discipline in Visual Communication. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. In addition to university-wide requirements, students must complete six courses (**18 credit hours**) from the following options:

#### Minor in Advertising

Any six Advertising courses (VCAD) including AIMC 201, MKTG 201

#### Minor in Digital Media

Any six Digital Media courses (VCDM)

For non-Visual Communication students: must complete VCCC 105, VCCC 205 and four VCDM courses

For MBRSC students: must complete VCCC 105, VCCC 205, and four VCDM courses excluding VCDM 221, VCDM 222

#### Minor in Graphic Design

Any six Graphic Design courses (VCGD)

#### Minor in Studio Art

Any six Studio Art courses (VCST)





AMERICAN  
UNIVERSITY  
IN DUBAI

# School of Arts and Sciences

## SCHOOL OF ARTS AND SCIENCES

The School of Arts and Sciences provides a broad-based education in languages, science, mathematics, the humanities, and the social sciences. Home of the University's Core Curriculum, the School fosters the indispensable skills of critical thinking, communication, intercultural understanding, and global awareness to empower graduates to succeed as future leaders, thinkers, professionals, and entrepreneurs. In addition to the Core Curriculum, the School of Arts and Sciences offers a Bachelor of Science (B.S.) in Biology, Bachelor of Arts (B.A.) in International Studies, a Bachelor of Arts (B.A.) in Psychology, and a Certificate in Middle Eastern Studies. It also offers a Master of Arts (M.A.) in International Affairs and a diverse range of minors, which are open to students across the University.

Courses offered by the School of Arts and Sciences are taught by faculty using innovative methodologies that emphasize active learning, critical analysis, and creative problem solving. By offering students access to a breadth of knowledge across multiple disciplines, these courses not only prepare students with the knowledge and skills they will need in their professions, but they also instill in students a lifelong passion for learning.

The School of Arts and Sciences has a proven record of collaborating with a range of international organizations and universities to expose students to diverse cultural perspectives and professional opportunities, and its graduates have succeeded in pursuing further graduate studies and/or vibrant careers in government, non-governmental organizations, and the private sector.

### *School Mission*

The School of Arts and Sciences exemplifies the tradition that a college education liberates the mind. The School values the pursuit of knowledge for its own sake and believes that all college graduates are capable of studying a broad spectrum of subjects and of following a rational process to draw conclusions and inferences. The mission of the School of Arts and Sciences is to foster a culture of independent thought and a tradition of academic programs, curricula and external learning opportunities, featuring an interdisciplinary perspective of knowledge and emphasizing collegial interactions between faculty and students.

### *School Goals*

- Facilitate implementation of the mission and goals of the university;
- Provide a broad-based general education in language, science and mathematics, the humanities and the social sciences for all students;
- Develop in-depth understanding of one or more disciplines anchored by a contextual framework of information, interconnected knowledge and interdisciplinary awareness;
- Prepare students for graduate school programs and careers related to various traditional arts and sciences fields;
- Inculcate a thirst for knowledge that manifests itself in scholarly activity, lifelong learning and ethical real-world application; and,
- Deliver a high-quality educational experience that features extracurricular programs and alternative learning opportunities.

# Arts and Sciences Core Requirements

## Learning Outcomes

Upon completion of the Core Curriculum, students will be able to

- Demonstrate effective communication skills in reading, writing, and speaking;
- Demonstrate an ability to identify and find information, evaluate its validity and relevance, and effectively and responsibly apply and disseminate information to address an issue;
- Recognize global cultural diversity and demonstrate an understanding of and respect for human values, perspectives and practices across different societies;
- Demonstrate and value individual thinking, self-awareness, and ethical behavior for responsible global citizenship;
- Demonstrate appropriate technological literacy and skills for personal and professional use;
- Demonstrate an ability to integrate ideas grounded in an understanding of historical, philosophical, cultural and/or scientific knowledge that results in creative and/or innovative thinking;
- Demonstrate an ability to analyze and synthesize issues, ideas, concepts, sources, data or events in formulating conclusions and solving problems; and,
- Demonstrate an ability to reason and solve quantitative problems as well as use quantitative and scientific methods and evidence to support arguments.

## Requirements

**All undergraduate degree programs have incorporated the university's Arts and Sciences Core requirements.**

The following apply to all programs; however, degree candidates should consult the Programs section of this *Catalog* for the Arts and Sciences courses that are mandatory for their particular Core (i.e., substitutes for Arts and Sciences Electives.)

**The Arts and Sciences Core consists of 36 credit hours of required courses distributed as follows:**

### I. General (0 credit hours)

UNIV 100\*      The University Experience

\* Unless exempted

### Credit Hours

0

### II. Information Systems (3 credit hours) Options:

COMP 101      IT and Innovation in Today's World

ENGG 140      Introduction to Programming

### Credit Hours

3

3

### III. Mathematics\* (3 credit hours) Options:

MATH 101      Mathematics for the Arts

MATH 200      Calculus for Business

MATH 205      Calculus for Architecture

MATH 210      Calculus I

### Credit Hours

3

3

3

3

\* Note that all degree candidates in Visual Communication, Interior Design, International Studies and Psychology must take MATH 101. All degree candidates in Business Administration must take MATH 200, all degree candidates in Architecture must take MATH 205, all degree candidates in Engineering must take MATH 210, and all candidates in Communication and Information Studies must take either MATH 101 or MATH 200, to fulfill the Core requirement for Mathematics.

### IV. Natural Sciences (3 credit hours) Options:

BIOL 201      Principles of Biology

BIOL 202      General Biology I W/Lab

CHEM 101      Introduction to Chemistry

CHEM 201      General Chemistry

PHYS 201      Introductory Physics I, w/Lab

SCIE 201      Life Sciences for Today

SCIE 211      Water Sustainability

SCIE 241      Principles of Human Nutrition

SCIE 242      Women's Health

SCIE 251      Environmental Health and Sustainability

SCIE 275      Selected Topics in Natural Sciences

SCIE 341      Public Health

### Credit Hours

3

4

3

3

4

3

3

3

3

3

3

<b>V. English/Communications (12 credit hours)</b>		<b>Credit Hours</b>
ENGL 101	Composition and Rhetoric	3
ENGL 102	Advanced Composition and Research	3
ENGL 103	Introduction to Literature	3
PSPK 101	Public Speaking	3

\*Students with a minimum of A- in ENGL 102 can replace ENGL 103 with a 200-level English course

<b>VI. Cultural Studies (3 credit hours) Options:</b>		<b>Credit Hours</b>
WLDC 201	World Cultures I: Cultural Encounters and Historical Transformation	3
WLDC 202	World Cultures II: Culture and Innovation in a Globalized World	3

<b>VII. Arabic* (3-4 credit hours) Options:</b>		<b>Credit Hours</b>
MEST 100	The Arabic Language	3
MEST 101	Elementary Arabic I	4
MEST 102	Elementary Arabic II	4
MEST 201	Intermediate Arabic I	4
MEST 202	Intermediate Arabic II	4
MEST 301	Arabic Proficiency I	3
MEST 302	Arabic Proficiency II	3
MEST 317**	Arabic Literature in Translation	3

\*No Arabic course used to fulfill the Arts and Sciences Core Requirement will count toward a major requirement

\*\*Only for Bachelor of Communication and Information Studies (Arabic Track) degree candidates

<b>VIII. Islamic Cultural Studies (3 credit hours) Options:</b>		<b>Credit Hours</b>
MEST 210	Introduction to Middle East History	3
MEST 280	The UAE Experience	3
MEST 310	Islamic Civilization	3
MEST 315	History of the Modern Middle East	3
MEST 318	Cultures of the Middle East	3
MEST 319	Politics in the Middle East	3
MEST 320	The Qur'an: Text, History, and Meaning	3
MEST 323	Islam: Historical and Societal Aspects	3
MEST 327	Islamic Politics	3
MEST 329	Islamic Art and Architecture	3

<b>IX. Humanities/Fine Arts (3 credit hours) Options:</b>		<b>Credit Hours</b>
ARTS 101	Introduction to the Arts	3
ARTS 200	History of Art I	3
ARTS 201	History of Art II	3
ARTS 202	History of Art III	3
ENGL 210	Creative Writing	3
ENGL 211	British Literature I	3
ENGL 212	British Literature II	3
ENGL 221	American Literature I	3
ENGL 222	American Literature II	3
ENGL 231	World Literature I	3
ENGL 232	World Literature II	3
ENGL 275-278	Special Topics in Literature	3
ENGL 311	World Mythology	3
ENGL 312	Biography/Autobiography	3
ENGL 313	Children's Literature	3
ENGL 314	Coming-of-Age Novels	3
ENGL 315	Contemporary Female Authors	3
ENGL 316	Prize-Winning Authors	3
ENGL 475	Special Topics in Literature	3
HUMN 275-278	Selected Topics in Humanities	3

HUMN 475	Special Topics in Humanities	3
MEST 317	Arabic Literature in Translation	3
MEST 329	Islamic Art and Architecture	3
PHIL 105	Introduction to Critical Thinking	3
PHIL 201	Introduction to Philosophy/Logic	3
PHIL 222	Professional Ethics	3
PHIL 225	Ethics and Artificial Intelligence	3
PHIL 250	Political Philosophy	3
PHIL 310	Ethics and Moral Philosophy	3
PHIL 320	Metaphysics and the Study of Human Existence	3
VCDM 305	Art and the Electronic Age	3
WLDC 250	Music Traditions of the World	3

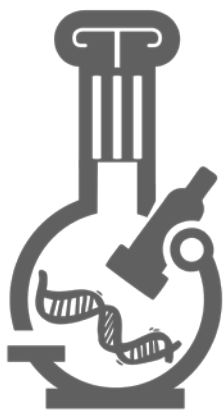
#### **X. Social/Behavioral Sciences (3 credit hours) Options:**

#### **Credit Hours**

ANTH 201	Introduction to Cultural Anthropology	3
ANTH 311	Culture and Society in Postcolonial Africa	3
GEOG 101	World Geography	3
GEOG 310	Human Geography	3
HIST 201	American History from the Beginnings to Reconstruction	3
HIST 202	The United States in the Civil War	3
HIST 212	Modern Europe	3
HIST 251	World History to 1500 CE	3
HIST 252	World History since 1500 CE	3
HIST 310	The U.S. in World Affairs	3
HIST 350	Revolution and Reaction in the Global Cold War	3
MEST 210	Introduction to Middle East History	3
MEST 280	The UAE Experience	3
MEST 310	Islamic Civilization	3
MEST 315	History of the Modern Middle East	3
MEST 318	Cultures of the Middle East	3
MEST 319	Politics in the Middle East	3
MEST 320	The Qur'an: Text, History, and Meaning	3
MEST 323	Islam: Historical and Societal Aspects	3
MEST 327	Islamic Politics	3
MEST 343	Business in the Modern Middle East	3
MEST 350	Religions of the Middle East	3
MEST 352	Conflicts in the Middle East	3
MEST 353	Women and Gender in the Middle East	3
MEST 380	Society and Economics in the Gulf	3
MEST 381	North Africa: Nation, Society, and Culture	3
MEST 382	The Levant: Arab Lands of the Eastern Mediterranean	3
MEST 383	Iraq: Reinventing the Nation	3
MEST 384	Egypt: Literature since 1952	3
POLS 200	Introduction to Political Science	3
POLS 201	Comparative Political Systems	3
POLS 210	Introduction to International Relations	3
POLS 325	International Organizations	3
POLS 330	Foreign Policy	3
POLS 340	International Diplomacy	3
POLS 350	Political Violence: A Historical Perspective	3
POLS 415	Geopolitics	3
PSYC 201	General Psychology	3
PSYC 313	Social Psychology	3
SOCI 201	Introduction to Sociology	3
SOCI 301	Globalization	3
SOCI 332	Culture and Society in South Asia	3
SOCI 340	Technology and Society	3
SOCI 344	Gender and Society	3
SOCI 350	Sociology of Violence	3

SSCI 275	Selected Topics in Social Sciences	3
SSCI 475	Special Topics in Social Sciences	3
WLDC 301	Religions of the World	3
<b>Total Arts and Sciences Core Requirements</b>		<b>36-37</b>

*Any courses in the Arts and Sciences (in- or outside the Core) that are not used to fulfill the Core requirements may be used as General Electives except by B.C.I.S candidates who should check their General Electives options on p. 141.*



## *Bachelor of Science in Biology (B.S.) Program*

**The Bachelor of Science (B.S.) in Biology** offers a comprehensive four-year undergraduate program that exposes students to the full range of biological sciences. Program courses, whether general or advanced, feature a student-centered approach based on active, hands-on learning that fully engages students in the theories and practical methods of scientific inquiry. The curriculum is designed to provide students with the content knowledge and creative, analytical, and critical thinking skills needed to succeed in medical- and science-related professions. Students have access to state-of-the-art labs and are provided with internship opportunities where they can apply the scientific knowledge they learn in their courses.

Biology graduates pursue further study in medical schools and/or careers as Biochemists, Microbiologists, Forensic Scientists, Biotechnologists, Researchers, Biology Instructors, Environmental Scientists, Genetic Counselors, Health Communications Specialists, Medical Affairs Professionals in the pharmaceutical and medical equipment industries, and other related fields.

### **Program Mission**

The B.S. in Biology's primary mandate is to provide excellence in teaching at the undergraduate level. It is a comprehensive program, which exposes students to the full range of biological sciences. Our undergraduate four-year curriculum introduces students to modern studies in general, molecular, cell, and environmental biology. It also emphasizes active, hands-on experience with modern technology. Small class sizes with an emphasis on laboratories and tutorials foster ongoing, productive interactions between students and faculty.

### **Program Goals**

In support of its mission, the Biology degree program seeks to:

- Introduce students to modern studies in general, molecular, cell, organ systems and environmental biology;
- Emphasize active, hands-on experience with modern technology;
- Prepare students to go on to professional programs in medicine, medical sciences, biotechnology or science education;
- Prepare students to enter the workforce directly, as research assistants, data analysts and members of marketing teams in the pharmaceutical and health industries;
- Help students to pursue graduate studies in biological sciences, with the aim of following a career in academia or industry.

### **Program Learning Outcomes**

Upon completion of the degree, students will:

- Have gained sufficient understanding of the different biological facts and concepts;
- Have acquired the most updated findings in the different biological areas;
- Be able to think logically and communicate clearly the acquired biological knowledge and experimental skills;
- Have acquired enough knowledge and skills to join and excel in professional programs such as medicine, medical sciences, biotechnology or science education;
- Be outstanding members of the workforce by having adequate skills to retrieve, evaluate and communicate information from the scientific literature, electronic databases, and experimental data;
- Have enough skills to formulate and evaluate scientific models based on observation of biological phenomena and apply quantitative methods to biological problems;
- Be able to use scientific instrumentation and information technology and have written, oral, and multimedia scientific communication.

## B.S. in Biology Summary of Degree Requirements

Course Classification	Credit Hours Required
Biology Core	60
Biology Electives	15
Laboratory Electives	3
Arts and Sciences Core	36
General Electives	10
<b>Total</b>	<b>124</b>

For Pre-Med students who are interested in applying for admission to a medical school, please see p. 112 for information related to the 'Pre-Medical Studies: Pathway to the Medical College Admission Test (MCAT)'

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121, *Entrepreneurship and Innovation* and BUSI 251, *Startup Entrepreneurship Project* as their General Electives. Please see pp. 168-170 for information related to the Center of Entrepreneurship and Innovation.

### Curriculum/Courses

#### BIOLOGY CORE

		Credit Hours
BIOL 202	General Biology I W/Lab	4
BIOL 203	General Biology II W/Lab	4
BIOL 213	Cell Biology W/Lab	4
BIOL 283	Genetics W/Lab	4
BIOL 345	Plant Physiology W/Lab	4
BIOL 351	Principles of Biochemistry	3
BIOL 361	Microbiology W/Lab	4
BIOL 385	Molecular Biology	3
CHEM 101	Introduction to Chemistry	3
CHEM 201	General Chemistry	3
CHEM 205	Analytical Chemistry	3
CHEM 211	Organic Chemistry I W/Lab	4
CHEM 213	Organic Chemistry II	3
MATH 243	Statistics for Applied Sciences	3
PHYS 201	Introductory Physics I W/Lab	4
PHYS 202	Introductory Physics II W/Lab	4
SCIE 311	Principles of Environmental Sciences	3
<b>Total Biology Core Requirements</b>		<b>60</b>

#### BIOLOGY ELECTIVES *Choose from:*

		Credit Hours
BIOL 307	Evolution	3
BIOL 311**	Introduction to Biotechnology	3
BIOL 325	Animal Physiology	3
BIOL 327	Neurophysiology	3
BIOL 329	Immunobiology	3
BIOL 331	Developmental Biology	3
BIOL 333	Endocrinology	3
BIOL 389	Fundamentals of Bioinformatics	3
BIOL 391	Special Topics in Biology	3
BIOL 397	Undergraduate Research in Biology	3
SCIE 242	Women's Health	3
SCI 251	Environmental Health and Sustainability	3
SCIE 341	Public Health	3
SCIE 351**	Health Technology and Innovation in the 21st Century	3
<b>Total Biology Electives Requirements</b>		<b>15</b>

**LABORATORY ELECTIVES** *Choose from:***Credit Hours**

BIOL 208	General Ecology Laboratory	1
BIOL 326	Animal Physiology Laboratory	1
BIOL 386**	Molecular Biology Laboratory	1
BIOL 390	Fundamentals of Bioinformatics Laboratory	1
CHEM 204**	General Chemistry Laboratory	1
<b>Total Laboratory Electives Requirements</b>		<b>3</b>

\*\* Represent required courses

**ARTS AND SCIENCES CORE**

See pp. 106-109 for Arts and Sciences Core Requirements

Note that all degree candidates in Biology must take MATH 210 (Calculus I) and SCIE 241 (Principles of Human Nutrition) to fulfill the Core requirement in Mathematics and Natural Sciences; Students pursuing the Pre-Medical Studies Pathway must take SOCI 201 (Introduction to Sociology) to fulfill the Core requirement in Social Sciences unless otherwise taken as a General Elective.

**Total Arts and Sciences Core Requirements****36****GENERAL ELECTIVES****10**

Note that all degree candidates in Biology must take a four-credit language course (MEST 101, FREN 101, or SPAN 101). Additionally, students who are pursuing the Pre-Medical Studies Pathway must take PSYC 201 (General Psychology) as a General Elective, as well as SOCI 201 (Introduction to Sociology) unless otherwise taken to fulfill the Core requirement in Social Sciences.

**TOTAL B.S. DEGREE REQUIREMENTS****124**



## B.S. in Biology Course Sequencing

All candidates for the B.S. in Biology program should adhere to the course sequencing noted in the chart below.

	Fall	Spring
Year I	BIOL 202 CHEM 101 COMP 101 ENGL 101 MEST 100 or MEST 200 or MEST 301/302 UNIV 100	BIOL 203 BIOL 345 CHEM 201 CHEM 204 ENGL 102
Year II	BIOL 213 CHEM 211 MATH 210 PHYS 201	BIOL 283 CHEM 213 MEST 101 or FREN 101 or SPAN 101 PHYS 202
Year III	BIOL 351 BIOL 385 BIOL 386 ENGL 103 SCIE 311 SSCI ELE	BIOL 311 BIOL 361 CHEM 205 GEN ELE 1 PSPK 101
Year IV	BIOL ELE 1 MATH 243 SCIE 241 SCIE 351 WLDC 201 or WLDC 202	BIOL ELE 2 BIOL ELE 3 GEN ELE 2 ISST ELE LAB ELE HUMN ELE

### Legend

BIOL: Biology

ELE: Elective

GEN: General

HUMN: Humanities

ISST: Islamic Studies

LAB: Laboratory

SSCI: Social Sciences

## Pre-Medical Studies: Pathway to the MCAT

AUD follows the North American model in the design of its programs and curricula. Therefore, students who are interested in applying for admission to a medical school must earn an undergraduate degree (Bachelor), complete Pre-Medical (Pre-Med) Studies course requirements, and pass the Medical College Admission Test (MCAT) in order to become eligible for admission to medical schools.

The Bachelor of Science (B.S.) in Biology provides the foundation for Pre-Med students to succeed in their medical training. Pre-Med requirements include 30 credits of basic science courses, along with six credits of Social Sciences courses, all of which are provided within the B.S. in Biology curriculum. Accordingly, the B.S. in Biology equips Pre-Med students with a solid and extensive knowledge base on which they can build their medical studies once they gain admission to a medical school.

### Pre-Med Courses

The Pre-Med coursework recommended to prepare students for the MCAT is as follows:	Minimum Required Credits*
<b>Biology</b>	8 credits: typically BIOL 202 and BIOL 203
<b>Chemistry</b>	14 credits: typically CHEM201, CHEM 204, CHEM 205, CHEM 211 and CHEM 213
<b>Physics</b>	8 credits: typically PHYS 201 and PHYS 202
<b>Humanities &amp; Social Sciences</b>	6 credits: typically SOCI 201 and PSYC 201

\* In addition to the minimum required credits listed in the table above, Pre-Med students will benefit from the Biology core and elective courses to enhance their knowledge of the biological concepts that are essential for medical studies.



## INTERNATIONAL STUDIES

In our increasingly interconnected world, there is a growing need to better understand the politics, economics, and cultures that make up the global community. The **Bachelor of Arts in International Studies (B.A.I.S.)** responds to this need by offering practical, interdisciplinary training that prepares students to critically analyze today's most pressing global challenges. While transmitting curricular knowledge and real-world expertise to our students, our diverse and experienced faculty inspire students to engage with these problems as global citizens committed to making the world a better place.

The American University in Dubai offers the B.A.I.S. degree for students to gain a breadth of knowledge in international affairs while specializing in an area of expertise of personal interest to them. AUD capitalizes on the international nature of its host city of Dubai to highlight the real-world relevance of the International Studies program.

### *Bachelor of Arts in International Studies (B.A.I.S.) Program*

#### Program Mission

The mission of the B.A.I.S. is to provide students with an interdisciplinary educational experience focusing on Politics, History, Business, and Culture. The program is designed to enhance students' employment opportunities within the global marketplace and increase their ability to examine global issues from various perspectives.

#### Program Goals

The B.A.I.S. is an interdisciplinary program combining courses in the areas of business, social sciences and humanities, and arts and sciences. The primary goal of this degree is the development of students as leaders in an increasingly globalized world, while students learn the critical tools of several disciplines through interdisciplinary study. The wider goals of the program, which reflect this focus, are:

- To promote the diversity of culture against a background of increasing interdependence and globalization at both the economic and political levels;
- To prepare students for international careers in the global marketplace;
- To develop students capable of understanding and analyzing international issues from a variety of theoretical frameworks; and,
- To foster collaboration among students, and support the development of research, analytical, and language skills.

#### Program Learning Outcomes

Upon completion of the degree, students will be able to:

- Communicate effectively both orally and in writing at an intermediate level in a language other than English
- Demonstrate understanding of the connections between culture, business, economics, and politics;
- Apply the principles of political science to analyze key topics in international affairs and the interconnection between local and global geo-political issues and events;
- Synthesize fundamental tenets of business and economics with increased awareness and basic understanding of how international corporations and global markets operate;
- Critically examine personal values, religious beliefs, social norms and issues coming from diverse cultures, world views, and experiences; and,
- Identify historical events, issues and themes which have shaped current world conditions.

## B.A.I.S. Summary of Degree Requirements

Course Classification	Credit Hours Required		
	International Development Track	International Relations Track	Middle Eastern Studies Track
International Studies Core	39	39	39
International Studies Core Languages	16	16	16
Track Electives	24	24	24
Arts and Sciences Core	36	36	36
General Electives	9	9	9
<b>Total</b>	<b>124</b>	<b>124</b>	<b>124</b>

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (I) BUSI 121, *Entrepreneurship and Innovation* and BUSI 251: *Startup Entrepreneurship Project* as part of their General Electives requirement. Please see pp. 169-171 for information related to the Center of Entrepreneurship and Innovation.

## General Curriculum/Courses

### International Studies Core

#### Foundation (18 credit hours)

		<b>Credit Hours</b>
HIST 252	World History since 1500 CE	3
INST 201	Introduction to International Development	3
POLS 200	Introduction to Political Science	3
POLS 210	Introduction to International Relations	3
SOCI 201	Introduction to Sociology	3
SOCI 301	Globalization	3

#### Data Analysis & Research (6 credit hours)

INST 388	Research Methodology	3
MATH 201	Fundamentals of Statistics	3

#### Economics (6 credit hours)

ECON 201	Principles of Micro-economics	3
ECON 202	Principles of Macro-economics	3

#### Capstone (6 credit hours)

INST 498	International Studies Capstone I	3
INST 499	International Studies Capstone II	3

#### Internship (3 credit hours)

INST 398	International Studies Internship	3
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### Total International Studies Core

**39**

### International Studies Core Languages

#### Language (16 credit hours)

		<b>Credit Hours</b>
MEST 101	Elementary Arabic I	4
MEST 102	Elementary Arabic II	4
MEST 201	Intermediate Arabic I	4
MEST 202	Intermediate Arabic II	4

OR

FREN 101	Elementary French I	4
FREN 102	Elementary French II	4
FREN 201	Intermediate French I	4
FREN 202	Intermediate French II	4
OR		
SPAN 101	Elementary Spanish I	4
SPAN 102	Elementary Spanish II	4
SPAN 201	Intermediate Spanish I	4
SPAN 202	Intermediate Spanish II	4
<b>Total International Studies Core Languages</b>		<b>16</b>

## Track Options<sup>1</sup>

### International Development Track Electives

<b>Political Development (3 credit hours)</b>		<b>Credit Hours</b>
MEST 319	Politics in the Middle East	3
MEST 352	Conflicts in the Middle East	3
POLS 201	Comparative Political Systems	3
POLS 330	Foreign Policy	3
POLS 340	International Diplomacy	3
POLS 401	Contemporary Political Issues	3
POLS 415	Geopolitics	3
<b>Socio-political Development (6 credit hours)</b>		<b>Credit Hours</b>
ANTH 311	Culture and Society in Postcolonial Africa	3
INST 325	History of Philanthropy and NGOs	3
INST 360	Poverty and Inequality	3
INST 361	Forced Migration and Refugees	3
MEST 327	Islamic Politics	3
POLS 325	International Organizations	3
POLS 350	Political Violence: A Historical Perspective	3
<b>Economic Development (3 credit hours)</b>		<b>Credit Hours</b>
BUSI 321	Business in the International Environment	3
CABR 275	Course Abroad: London School of Economics	3
ECON 402	International Economics	3
ECON 441	Public Finance	3
ECON 442	Oil and Energy Economics	3
MEST 343	Business in the Middle East	3
MEST 380	Society and Economics in the Gulf	3
<b>Environmental Sustainability (6 credit hours)</b>		<b>Credit Hours</b>
SCIE 211	Water Sustainability	3
SCIE 251	Environmental Health and Sustainability	3
SCIE 311	Principles of Environmental Sciences	3
<b>Public Health (3 credit hours)</b>		<b>Credit Hours</b>
SCIE 242	Women's Health	3
SCIE 341	Public Health	3
SCIE 351	Health Technology and Innovation in the 21 <sup>st</sup> Century	3
<b>Societal Development (3 credit hours)</b>		<b>Credit Hours</b>
MEST 323	Islam: Historical and Societal Aspects	3
MEST 353	Women and Gender in the Middle East	3

<sup>1</sup> Special Topics in MEST (designated MEST 275 and MEST 475) may count towards the MEST Track Electives upon the Chair's approval. Similarly, Special Topics in Social Sciences (designated SSCI 275 and SSCI 475) may count towards the International Relations and International Development Track Electives upon the Chair's approval.

SOCI 340	Technology and Society	3
SOCI 344	Gender and Society	3
SOCI 350	Sociology of Violence	3

**Total International Development Track Electives** **24**

**International Relations Track Electives**

<b>International Politics (9 credit hours)</b>		<b>Credit Hours</b>
INST 360	Poverty and Inequality	3
INST 361	Forced Migration and Refugees	3
MEST 327	Islamic Politics	3
POLS 201	Comparative Political Systems	3
POLS 325	International Organizations	3
POLS 330	Foreign Policy	3
POLS 350	Political Violence: A Historical Perspective	3
POLS 340	International Diplomacy	3
POLS 401	Contemporary Political Issues	3
POLS 415	Geopolitics	3

<b>Business and Economics (6 credit hours)</b>		<b>Credit Hours</b>
BUSI 321	Business in the International Environment	3
CABR 275	Course Abroad: London School of Economics	3
ECON 402	International Economics	3
ECON 441	Public Finance	3
ECON 442	Oil and Energy Economics	3
MEST 343	Business in the Modern Middle East	3
MEST 380	Society and Economics in the Gulf	3

<b>History (3 credit hours)</b>		<b>Credit Hours</b>
HIST 202	The United States in the Civil War	3
HIST 212	Modern Europe	3
HIST 251	World History to 1500 CE	3
HIST 310	The U.S. in World Affairs	3
HIST 350	Revolution and Reaction in the Global Cold War	3
HIST 401	Contemporary Historical Issues	3
INST 325	History of Philanthropy and Non-Profit Organizations	3

<b>International Relations and the Middle East (3 credit hours)</b>		<b>Credit Hours</b>
MEST 210	Introduction to Middle East History	3
MEST 315	History of the Modern Middle East	3
MEST 319	Politics in the Middle East	3
MEST 352	Conflicts in the Middle East	3
MEST 383	Iraq: Reinventing the Nation	3

<b>Sociology (3 credit hours)</b>		<b>Credit Hours</b>
ANTH 311	Culture and Society in Postcolonial Africa	3
MEST 323	Islam: Historical and Societal Aspects	3
MEST 353	Women and Gender in the Middle East	3
SOCI 332	Culture and Society in South Asia	3
SOCI 340	Technology and Society	3
SOCI 344	Gender and Society	3
SOCI 350	Sociology of Violence	3

**Total International Relations Track Electives** **24**

## Middle Eastern Studies Track Electives

### **Politics (6 credit hours)**

		<b>Credit Hours</b>
INST 360	Poverty and Inequality	3
INST 361	Forced Migration and Refugees	3
MEST 319	Politics in the Middle East	3
MEST 327	Islamic Politics	3
POLS 350	Political Violence: A Historical Perspective	3

### **Business (3 credit hours)**

		<b>Credit Hours</b>
BUSI 251	Startup: Entrepreneurship Project	3
MEST 280	The UAE Experience	3
MEST 343	Business in the Modern Middle East	3
MEST 380	Society and Economics in the Gulf	3

### **History (6 credit hours)**

		<b>Credit Hours</b>
INST 325	History of Philanthropy and Non-Profit Organizations	3
MEST 315	History of the Modern Middle East	3
MEST 352	Conflicts in the Middle East	3
MEST 383	Iraq: Reinventing the Nation	3

### **Culture in the Middle East (6 credit hours)**

		<b>Credit Hours</b>
MEST 310	Islamic Civilization	3
MEST 317	Arabic Literature in Translation	3
MEST 318	Culture in the Middle East	3
MEST 329	Islamic Art and Architecture	3
MEST 353	Women and Gender in the Middle East	3
MEST 381	North Africa: Nation, Society, and Culture	3
MEST 382	The Levant: Arab Lands of the Eastern Mediterranean	3
MEST 384	Egypt: Literature since 1952	3

### **Religion in the Middle East (3 credit hours)**

		<b>Credit Hours</b>
MEST 320	The Qur'an: Text, History and Meaning	3
MEST 323	Islam: Historical and Societal Aspects	3
MEST 350	Religions of the Middle East	3

## **Total Middle Eastern Studies Track Electives**

**24**

## **Arts and Sciences Core**

**36**

See pp. 106-109 for Arts and Sciences Core Requirements

*Note that all degree candidates in International Studies must take MATH 101 (Mathematics for the Arts) to fulfill the Core requirement in Mathematics and PHIL 250 (Political Philosophy) for the Core requirement in Humanities .*

## **General Electives**

**9**

## **TOTAL B.A.I.S. DEGREE REQUIREMENTS**

**124**

## B.A.I.S. Course Sequencing

All candidates for the B.A. in International Studies should adhere to the course sequencing noted in the chart below.

	Fall	Spring
<b>Year I</b>	ARAB ELE ENGL 101 MATH 101 SCIE ELE SOC 201 UNIV 100	COMP 101 GEN ELE ENGL 102 MATH 201 SSCI ELE
<b>Year II</b>	ECON 201 ENGL 103 HIST 252 MEST 101 or FREN 101 or SPAN 101 POLS 200	ECON 202 INST 201 MEST 102 or FREN 102 or SPAN 102 POLS 210 PSPK 101
<b>Year III</b>	INST 388 ISST ELE MEST 201 or FREN 201 or SPAN 201 TRK ELE TRK ELE	MEST 202 or FREN 202 or SPAN 202 PHIL 250 SOC 301 TRK ELE TRK ELE
INST 398: International Studies Internship		
<b>Year IV</b>	GEN ELE INST 498 TRK ELE TRK ELE WLDC 201 or 202	GEN ELE INST 499 TRK ELE TRK ELE

### Legend

ARAB: Arabic

ELE: Elective

GEN: General

ISST ELE: Islamic Cultural Studies

TRK: Track

SCIE: Science

SSCI: Social Sciences

For course code legends, please see p. 179



## PSYCHOLOGY

**The Bachelor of Arts (B.A.) in Psychology** offers students both general and specialized instruction in biological, industrial, and applied psychology. Students study subjects such as mental health, abnormal and behavioral psychology, how people interact in organizations, the ethics of psychological research, cognitive and developmental processes, and other methods for understanding human behavior. Students are also provided with opportunities to pursue internships in hospitals, clinics, corporations, and educational and governmental institutions throughout Dubai.

With its combination of theoretical and practical instruction, the B.A. in Psychology prepares students with a range of subject-specific and transferrable skills that are highly valued by careers in psychology and various other fields, including media, human resources, market research, and education.

### *Bachelor of Arts in Psychology (B.A.) Program*

#### Program Mission

The Bachelor of Arts in Psychology program seeks to provide students with a broad background in relevant fields of psychology as well as develop students who are capable of conducting research in the field. The program seeks to prepare students for graduate study and/or employment in a wide range of fields.

#### Program Goals

In support of its mission, the Psychology degree program seeks to:

- Familiarize students with a range of methods used to address psychological queries;
- Expose students to a broad range of psychological topics to help them understand the interconnectedness of the field;
- Develop in students an understanding of the central questions in contemporary psychology;
- Instill in students an understanding of the role that psychology plays in maintaining a healthy community; and,
- Equip students with the necessary tools to approach contemporary issues from biological, socio-cultural, and psychological perspectives.

#### Program Learning Outcomes

Upon completion of the degree, students will be able to:

- Conduct ethical research appropriate to the field of psychology;
- Communicate effectively in written and spoken forms regarding psychological issues and projects;
- Analyze and evaluate discussions regarding important psychological issues;
- Define concepts that position psychology as a field of scientific inquiry;
- Situate within a historical framework the theories that are the foundation of contemporary discussion of psychological issues; and,
- Assess the strengths of applying various theoretical frameworks to contemporary psychological issues.

### *B.A. in Psychology Summary of Degree Requirements*

Course Classification	Credit Hours Required
Psychology Core	39
Language	8
Psychology Electives	18
Arts and Sciences Electives	15
Arts and Sciences Core	36
General Electives	6
<b>Total</b>	<b>122</b>

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121: *Entrepreneurship and Innovation* and BUSI 251: *Startup Entrepreneurship Project* as part of their General Electives Requirements. Please see pp. 169-171 for information related to the Center of Entrepreneurship and Innovation



## Curriculum/Courses

### PSYCHOLOGY CORE

		Credit Hours
PSYC 205	Research Methods in Psychology	3
PSYC 210	Abnormal Psychology	3
PSYC 215	Developmental Psychology	3
PSYC 220	Principles of Learning	3
PSYC 305	Statistics for Psychology	3
PSYC 313	Social Psychology	3
PSYC 315	Personality Psychology	3
PSYC 398	Psychology Internship	3
PSYC 401	Selected Topics in Psychology	3
PSYC 440	Ethics in Psychology: Research and Practice	3
PSYC 450	History and Systems of Psychology	3
PSYC 498	Thesis I	3
PSYC 499	Thesis II	3
<b>Total Psychology Core Requirements</b>		<b>39</b>

### LANGUAGE

			Credit Hours
MEST 101	Elementary Arabic I		4
MEST 102	Elementary Arabic II		4
		OR	
FREN 101	Elementary French I		4
FREN 102	Elementary French II		4
		OR	
SPAN 101	Elementary Spanish I		4
SPAN 102	Elementary Spanish II		4

Any credit hours not completed in a language because a student “tested into” a higher level than “elementary” in that language must be made up by taking another foreign language.

**Total Language Requirements** **8**

### PSYCHOLOGY ELECTIVES

<b>Biological Psychology (6 credit hours)</b>		Credit Hours
PSYC 230	Cognitive Psychology	3
PSYC 231	Sensation and Perception	3
PSYC 232	Psychology of Addictive Behavior	3
<b>Industrial/Organizational Psychology (6 credit hours)</b>		<b>Credit Hours</b>
PSYC 360	Consumer Psychology	3
PSYC 365	Industrial/Organizational Psychology	3
PSYC 415	Psychology of Advertising and Mass Media	3
<b>Applied Psychology (6 credit hours)</b>		<b>Credit Hours</b>
PSYC 411	Clinical Psychology	3
PSYC 412	Psychological Testing and Assessment	3
PSYC 413	Family Psychology	3
<b>Total Psychology Electives Requirements</b>		<b>18</b>

### ARTS AND SCIENCES ELECTIVES **15**

(9 credit hours must be at the 300- or 400-level)

## ARTS AND SCIENCES CORE

See pp. 106-109 for Arts and Sciences Core Requirements

Note that all degree candidates in Psychology must take MATH 101 (Mathematics for the Arts) to fulfill the Core requirement in Mathematics, PSYC 201 (General Psychology) to fulfill the Core requirement in Social/Behavioral Sciences and SCIE 201 (Life Sciences for Today) or BIOL 201 (Principles of Biology) to fulfill the Core requirement in Natural Sciences

**Total Arts and Sciences Core Requirements** **36**

**GENERAL ELECTIVES** **6**

**TOTAL B.A. DEGREE REQUIREMENTS** **122**

### *B.A. in Psychology Course Sequencing*

All candidates for the B.A. in Psychology program should adhere to the course sequencing noted in the chart below.

	<b>Fall</b>	<b>Spring</b>
Year I	ARAB ELE COMP 101 ENGL 101 MATH 101 PSYC 201 UNIV 100	ENGL 102 PSYC 205 PSYC 215 PSYC 220 SCIE 201 or BIOL201
Year II	ENGL 103 LANG 101 PSYC 305 PSYC 313 PSYC 315	LANG 102 PSYC ELE-Biological Psychology PSYC ELE-Biological Psychology PSYC 210 WLDC 201/202
Year III	A&S ELE HUMN ELE PSPK 101 PSYC 440 PSYC ELE-Industrial/Organizational Psychology	PSYC 398 PSYC ELE-Industrial/Organizational Psychology A&S ELE A&S ELE ISST ELE
Year IV	A&S ELE GEN ELE PSYC 450 PSYC 498 PSYC ELE-Applied Psychology	A&S ELE GEN ELE PSYC 401 PSYC 499 PSYC ELE-Applied Psychology

#### **Legend**

ARAB: Arabic  
A&S: Arts and Sciences  
ELE: Elective  
GEN: General

HUMN: Humanities  
ISST: Islamic Cultural Studies  
LANG: Language

*For course code legends, please see p. 179*



## MIDDLE EASTERN STUDIES CERTIFICATE PROGRAM

**The Middle Eastern Studies Certificate Program** offers students the opportunity to study the history, culture, religion, and politics of the Middle East while pursuing a baccalaureate degree of their choice. Students who, following graduation, seek employment within the Middle East will gain a deeper understanding of the region's history, values, and customs, which will serve them well, regardless of the profession they choose. Similarly, Study Abroad students benefit from the structured study of the Middle East as a means of complementing the experiential knowledge they gain while living in Dubai.

The Certificate program enhances the value of an undergraduate degree by immersing students in the unique cultural and historical contributions, as well as in the contemporary development, of one of the world's most dynamic regions.

### *Certificate in Middle Eastern Studies*

#### **Program Mission**

The Middle Eastern Studies Certificate is an 18-19 credit-hour program designed to give students in the area an appreciation and understanding of the region in which they are currently studying and in which many will be pursuing professional careers. It is an opportunity for these students to enhance their knowledge of the cultural, historical, and political factors that have shaped the Middle East through time and to a large extent, explain the profile and texture of the current Middle Eastern landscape.

For students outside the region (Study Abroad, etc.), the certificate program offers the unique opportunity to develop their interest in and awareness of Middle Eastern culture by living in a Middle Eastern country while earning credit at an American-accredited university.

#### **Program Goals**

The Certificate in Middle Eastern Studies program seeks to:

- Educate students to such a level that they can function successfully in a contemporary global forum with an understanding of other ethnicities and nationalities, specifically those in the Middle East;
- Provide students with a comprehensive understanding of the culture(s) of the Middle East region;
- Provide students with the necessary skills to critically analyze current situations/events in the Middle East region, considering both cultural and historical backgrounds; and,
- Provide students with an understanding of the geopolitical role of the region in the context of the current concept of "globalization."

#### **Program Learning Outcomes**

Upon completion of the Certificate in Middle Eastern Studies, students will be able to:

- Demonstrate required familiarity with Modern Standard Arabic;
- Exhibit a geographic knowledge of the region including both physical and economic aspects;
- Identify and discuss the historical underpinnings of the region;
- Explain the basic tenets of the Islamic faith and the role various religions play in the societies of the Middle East;
- Identify and discuss the various cultures whose presence contributes to and presents challenges to the cohesiveness of the region;
- Identify the various political systems historically and currently practiced in the region; and,
- Identify significant contributions to human culture by civilizations in the region.

### *Certificate in MEST Summary of Requirements\**

Course Classification	Credit Hours Required
Arabic Language	3-4
Required courses	6
Humanities/Social Sciences	3
Religion	3
Area Studies	3
<b>Total</b>	<b>18-19</b>

## Course Components

<b>Arabic Language* (3 credit hours)</b>		<b>Credit Hours</b>
MEST 101	Elementary Arabic I	4
MEST 102	Elementary Arabic II	4
MEST 201	Intermediate Arabic I	4
MEST 202	Intermediate Arabic II	4
MEST 301	Arabic Proficiency I	3
MEST 302	Arabic Proficiency II	3

\* Students who are already capable of demonstrating the required familiarity with Modern Standard Arabic can arrange for a consultation with the Chair of the International and Middle Eastern Studies Department, in order to verify that condition. In that case, any other course which can satisfy the MEST Certificate requirements may be taken as a substitute.

The number of credit hours depends on the Arabic course that students take. 100 and 200 level Arabic language courses are 4 credit hours each. The two 300-level Arabic courses are 3 credit hours each.

<b>Required Courses (6 credit hours)</b>		<b>Credit Hours</b>
MEST 210	Introduction to Middle East History	3
<i>And one of the following courses:</i>		
MEST 310	Islamic Civilization	3
MEST 323	Islam: Historical and Societal Aspects	3
MEST 343	Business in the Modern Middle East	3

<b>Humanities/Social Sciences (3 credit hours)</b>		
MEST 310	Islamic Civilization	3
MEST 315	History of the Modern Middle East	3
MEST 317	Arabic Literature in Translation	3
MEST 318	Cultures of the Middle East	3
MEST 319	Politics in the Middle East	3
MEST 320	The Qur'an: Text, History, and Meaning	3
MEST 323	Islam: Historical and Societal Aspects	3
MEST 327	Islamic Politics	3
MEST 329	Islamic Art and Architecture	3
MEST 352	Conflicts in the Middle East	3
MEST 353	Women and Gender in the Middle East	3

<b>Religion (3 credit hours)</b>		
MEST 320	The Qur'an: Text, History, and Meaning	3
MEST 323	Islam: Historical and Societal Aspects	3
MEST 327	Islamic Politics	3
MEST 329	Islamic Art and Architecture	3
MEST 350	Religions of the Middle East	3

<b>Area Studies (3 credit hours)</b>		
MEST 380	Society and Economics in the Gulf	3
MEST 381	North Africa: Nation, Society and Culture	3
MEST 382	The Levant: Arab Lands of the Eastern Mediterranean	3
MEST 383	Iraq: Reinventing the Nation	3
MEST 384	Egypt: Literature Since 1952	3

## Completion Requirements

The certificate will be awarded upon a student's completion of all Certificate requirements. All courses applied towards the Certificate in Middle Eastern Studies program must be completed with a grade of C or above, and students must achieve a minimum 2.0 CGPA for the Certificate. Students completing the program should request the Certificate through the link: [registrar.aud.edu](http://registrar.aud.edu).

## Course Sequencing

The recommended course sequence for students pursuing the Certificate in Middle Eastern Studies is as follows:

<b>Semester I</b> <i>(Six Credit Hours)</i>	<b>Semester II</b> <i>(Six Credit Hours)</i>	<b>Semester III</b> <i>(Six Credit Hours)</i>
MEST 210 and MEST 310 or MEST 323 or MEST 343	Arabic language course and MEST Religion course	MEST Area Studies course and MEST Humanities/Social Sciences course

Study Abroad students who only take courses within the scope of the Certificate may complete the program in one semester by incurring one overload.

## Eligibility

- Any student pursuing a bachelor's degree at AUD, attending AUD as a visiting student, enrolled in the Study Abroad Program, or attending as an exchange student.  
OR
- Students who have already completed a bachelor's degree and are only seeking admissions to the Certificate in Middle Eastern Studies program.

## Arts and Sciences Minors

The School of Arts and Sciences recognizes that pursuit of an academic minor enriches a student's overall educational experience, increases job prospects, and provides a unique context for learning in the nexus between two distinct knowledge domains. It is a rich tradition in American-style institutions of higher education is the basis for exploring interdisciplinary studies. The School of Arts and Sciences also believes that students should be encouraged to complete academic minors as part of a carefully planned program of study with minimal demand for courses beyond what is required to complete their chosen degree program.

### Minor in Health Studies

The minor in Health Studies provides students an opportunity to learn about global and local issues in health sciences and innovation that are needed to care for growing global populations and their healthcare needs. Students from all Schools can register for this minor. Students must complete a total of **15 credit hours** from the following list of courses:

BIOL 201, BIOL 202, or SCIE 201, CHEM 101 or CHEM 201, SCIE 241, SCIE 242, SCIE 251, SCIE 275, BIOL 311, SCIE 341, SCIE 351 and/or SCIE 475

**Total Minor Requirements**

**15**

### Minor in History

The minor in History allows students to develop a focused knowledge of history, but is designed to allow the development of that understanding to be spread out among various branches within the field of history. Courses which satisfy the International Studies Core may not be used to complete the minor in History. Students must complete a minimum of **15 credit hours** from the following list of courses with two of the courses being at the 300-level or higher:

ECON 310, HIST 201, HIST 202, HIST 212, HIST 251, HIST 252, HIST 310, HIST 350, HIST 401, MATH 310, MEST 210, and/or MEST 315

**Total Minor Requirements**

**15**

### Minor in Humanities

The minor in Humanities allows students to explore the general field of subjects classified under the category of "humanities," but it also allows them to investigate different areas in order to understand the importance of philosophy, arts and literature and culture. Students must complete a minimum of **15 credit hours** from the following list of courses and satisfy each category requirement, taking a minimum of one course and a maximum of two courses per category:

**1- Philosophy** (choose from 200 or 300 level courses)

**2- Arts** (choose from ARTS 101, ARTS 200, ARTS 201, ARTS 202, MEST 329, and/or VCDM 305)

**3- World Literature and Culture** choose from 200- or 300-level ENGL courses, MEST 310, MET 317, MEST 318, MEST 323, and/or MEST 353)

**Total Minor Requirements**

**15**

### Minor in Literature

The Literature minor allows students to develop a focused knowledge of literature, while giving students the flexibility to direct their attention toward periods or genres that hold particular interest to them. Courses which satisfy the International Studies Core may not be used to complete the minor in Literature. Students must complete a minimum of **15 credit hours** from the following list of courses:

ENGL 211, ENGL 212, ENGL 221, ENGL 222, ENGL 231, ENGL 232, ENGL 275-278\*, ENGL 311, ENGL 312, ENGL 313, ENGL 314, ENGL 315, ENGL 316, MEST 317, and/or MEST 384,

\*ENGL 275-278 may be repeated if topics are different.

**Total Minor Requirements**

**15**

### Minor in Middle Eastern Studies

The minor in Middle Eastern Studies teaches students about the local geographical region, but it also allows them to investigate different subject areas in order to develop a broad understanding of the Middle East's richness and complexity. This minor is open to students majoring in any field except International Studies, and courses counting toward the Certificate in Middle Eastern Studies will not count toward this minor. Students must complete a minimum of **15 credit hours** from the following list of courses and satisfy each category requirement:

#### Credit Hours

- 1 course in Politics (choose from MEST 319 or MEST 327)
- 1 course in Business (choose from MEST 343 or MEST 380)
- 1 course in History (choose from MEST 210, MEST 315, MEST 352, or MEST 383)
- 1 course in Culture (choose from MEST 310, MEST 317, MEST 318, MEST 329, MEST 350, MEST 353, MEST 381, or MEST 382)
- 1 course in Religion (choose from MEST 320, MEST 323, MEST 327, MEST 329, or MEST 350)

#### Total Minor Requirements

15

### Minor in Politics

The minor in Politics allows students to learn more about various aspects of politics and how it manifests itself in various locations. This minor is open to students majoring in any field except for International Studies. Students must complete a minimum of **15 credit hours**. In addition to **POLS 200**, students must take 4 courses from the following list:

MEST 319, MEST 327, MEST 352, POLS 201, POLS 210, POLS 325, POLS 330, POLS 340, POLS 350, and/or POLS 415

#### Total Minor Requirements

15

### Minor in Psychology

The minor in Psychology exposes students to a broad range of psychological topics and issues that shed light on human behavior, mental health, and community and organizational well-being. Students must complete a total of **15 credit hours** from the following list of courses:

#### Credit Hours

- PSYC 201 (required)
- 3 200-level courses (choose from PSYC 210, PSYC 215, PSYC 220, PSYC 230, PSYC 231, and/or PSYC 232)
- 1 300- or 400-level course (choose PSYC 313, PSYC 315, PSYC 365, PSYC 415, or PSYC 450)

#### Total Minor Requirements

15

### Minor in Social Sciences

The minor in Social Sciences allows students to explore the general field of subjects classed under the category of "social sciences," but also allows them to investigate different subject areas in order to understand the importance of the social sciences. Courses that satisfy the International Studies Core may not be used to complete the minor in Social Sciences. Students must complete a minimum of **15 credit hours** from the following list of courses and satisfy each category requirement:

#### Credit Hours

- 1 course in Human Sciences (choose from ANTH 201, PSYC 313, PSYC 415, - SOCI 301, SOCI 340, or, SOCI 344)
- 1 course in History (choose from HIST 201, HIST 202, HIST 212, HIST 251, HIST 252, HIST 310, HIST 350, HIST 401, MEST 210, and MEST 315)
- 1 course in Social Institutions (choose from ECON 310, ECON 312, ECON 313, MEST 315, MEST 319, MEST 327, MEST 352, POLS 201, POLS 210, POLS 325, POLS 330, POLS 340, or POLS 415)
- 1 course in Environment/Geography (choose GEOG 310, MEST 380, or SCIE 311)
- 1 Elective course (choose from MEST 350, WLDC 301, SSCI 275, SSCI 475, or any of the above courses)

#### Total Minor Requirements

15

### **Minor in Mathematics**

The minor in Mathematics allows students to complete the lower-division sequence of courses from a typical mathematics degree program, and it allows for emphasis in either theoretical mathematics or in probability and statistics. The minor is open to students majoring in any program area except Engineering. Students must complete a minimum of 15 credit hours and satisfy each of the following requirements:

	<b>Credit Hours</b>
<ul style="list-style-type: none"><li>• MATH 210 and MATH 220 (required)</li><li>• 3 200-, 300-, or 400-level courses (choose from MATH 230, MATH 231, MATH 240, MATH 250, ENGG 200, ENGG 222, ENGG 300, QUAN 301, and/or BDSC 401)</li></ul>	
<b>Total Minor Requirements</b>	<b>15</b>



# AUD | AMERICAN UNIVERSITY IN DUBAI |

## School of Business

### SCHOOL OF BUSINESS

#### *School Mission*

The mission of the School of Business (SB) is to provide U.A.E., G.C.C. and international students with an American-style, forward-looking and career-oriented business education that fosters critical thinking, ethical awareness and cultural sensitivity in future global business leaders.

#### *School Goals*

To accomplish its mission, the School follows a set of broad-based goals:

1. To ensure the highest levels of student satisfaction with the School's educational experience;
2. To ensure that the School's educational programs are continually aligned with the employment needs of the market for business professionals;
3. To ensure the School's sustainable growth through recruitment and retention of appropriately qualified faculty;
4. To provide faculty with a supportive environment that is conducive to their professional growth; and,
5. To continually enhance the School's reputation and visibility through maintaining a close relationship with the business community.

The School of Business offers four programs, a Bachelor of Business Administration (B.B.A.), Master of Business Administration (M.B.A.) Executive Master of Business Administration (E.M.B.A.), and Master of Arts (M.A.) in Intellectual Property and Innovation Management program. The curricula in these programs are rich in conceptual content; however, the primary emphasis of our educational experience is on equipping students with the applied skills and the professional and ethical perspectives necessary for success in the global marketplace.



## BUSINESS ADMINISTRATION

### *Bachelor of Business Administration (B.B.A.) Program*

#### Program Mission

The mission of the B.B.A. program is to provide students with the knowledge, skills and abilities needed to become effective and responsible managers and leaders in today's global economy. The program prepares graduates for a - wide array of careers in business-related fields and/or graduate studies. The program promotes problem solving, ethical values, social responsibility, and cultural diversity.

#### Program Goals

1. Provide students with the relevant disciplinary knowledge and competencies appropriate to their programs of study;
2. Provide students with the ability to demonstrate knowledge of the various environments in which business operates, locally and globally;
3. Provide students with the ability to demonstrate knowledge of appropriate decision-support tools and apply them to management decision making;
4. Provide students with effective business-related professional skills; and,
5. Provide students with the ability to evaluate ethical implications of business decision making.

#### Program Learning Outcomes

Upon completion of the program, students will demonstrate that they have acquired:

1. A well-rounded foundation in the functional disciplines of business and in the cognate areas;
2. A holistic view of the firm and an ability to integrate the different functional areas of business;
3. Effectiveness in the use of oral, written and technology-supported communication skills;
4. Proficiency in the business applications of information technology;
5. A global outlook and an appreciation of the international dimensions of business;
6. An awareness of ethical issues and of the importance of ethical conduct in business practice; and,
7. A broad and deep understanding of their major discipline (for students completing a major).

**Major Requirement: A minimum of a 2.3 CGPA is required for those courses in the declared major. A student who fails to achieve a 2.3 CGPA within a major will become ineligible to graduate with that specific major.**

#### *B.B.A. Summary of Degree Requirements*

Course Classification	Credit Hours Required						
	GEN	ACCG	AIMC	ECON	FINA	MGMT	MKTG
Foundation	24	24	24	24	24	24	24
Business Core	27	27	27	27	27	27	27
Major Core	0	24	27	21	21	21	21
Major Elective*	33	9	6	12	12	12	12
Arts and Sciences Core	36	36	36	36	36	36	36
General Electives	3	3	3	3	3	3	3
<b>Total</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>

GEN: General  
ACCG: Accounting  
ECON: Economics  
FINA: Finance

MGMT: Management  
MKTG: Marketing  
AIMC: Advertising and Integrated Marketing Communications

\*M ELE: Major Elective (from any Business Major, other than their chosen Major)

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121, *Entrepreneurship and Innovation* as their General Elective requirement; (2) BUSI 251, *Startup Entrepreneurship Project* as one of their Major Electives. Please see pp. 169-171 for information related to the Center of Entrepreneurship and Innovation.

**Note: In case where two majors have common courses, courses used to fulfill requirements of the first major can double count towards the second major.**

## Curriculum/Courses

### Foundation

		Credit Hours
ACCG 201	Principles of Financial Accounting	3
ACCG 211	Principles of Managerial Accounting	3
BUSI 101	Introduction to Business	3
BUSI 201	Business Communications	3
BUSI 211	Business Ethics	3
ECON 201	Principles of Microeconomics	3
ECON 202	Principles of Macroeconomics	3
QUAN 201	Introduction to Business Statistics	3
<b>Total Foundation Requirements</b>		<b>24</b>

### Business Core

BUSI 311	Business Law I	3
BUSI 321	Business in the International Environment	3
BUSI 331	Management of Information Systems	3
FINA 201	Principles of Finance	3
MGMT 201	Principles of Management	3
MGMT 313	Operations Management	3
MGMT 499	Strategic Management (Capstone)	3
MKTG 201	Principles of Marketing	3
QUAN 301	Quantitative Methods for Decision Making	3
<b>Total Business Core Requirements</b>		<b>27</b>

### Major Option: Accounting (total 33 credit hours)

		Credit Hours
<b>Accounting Core</b>		
ACCG 301	Intermediate Accounting I	3
ACCG 302	Intermediate Accounting II	3
ACCG 311	Cost Accounting	3
ACCG 401	Advanced Accounting	3
ACCG 421	Auditing	3
ACCG 441	International Accounting	3
BUSI 301	Business Research	3
BUSI 481	Internship	3
<b>Total Accounting Core Requirements</b>		<b>24</b>

### Accounting Electives

		Credit Hours
ACCG 341*	Accounting Information Systems	3
ACCG 352*	Fraud Auditing and Forensic Accounting	3
ACCG 431*	U.S. Taxation	3
ACCG 491	Special Topics in Accounting	3
BUSI 312*	Business Law II	3
M ELE	Major Elective	3
<b>Total Accounting Elective Requirements</b>		<b>9</b>

\* Required courses for the Pathway to the CPA Exam; see below.

### Major Option: Advertising and Integrated Marketing Communications (total 33 credit hours)

		Credit Hours
<b>Advertising and Integrated Marketing Communications Core</b>		
AIMC 201	Principles of Advertising and Integrated Marketing Communication (IMC)	3
AIMC 401	Creative Strategy and Rhetoric	3
AIMC 411	Media Planning	3
AIMC 421	Strategic Planning and Measurement for Advertising and IMC	3
AIMC 431	Campaign Development and Evaluation	3
AIMC 481	Study Internship	3
BUSI 301	Business Research	3

MKTG 361	Marketing Research	3
MKTG 401	Consumer Behavior	3
<b>Total Marketing Communications Core Requirements</b>		<b>27</b>

<b>Advertising and Integrated Marketing Communications Electives</b>		<b>Credit Hours</b>
AIMC 331	Historic and Contemporary Issues in Advertising and IMC	3
AIMC 491	Special Topics in IMC	3
MKTG 371	Digital Marketing	3
M ELE	Major Elective	3
<b>Total Advertising and Integrated Marketing Communications Electives Requirements</b>		<b>6</b>

### Major Option: Economics (total 33 credit hours)

<b>Economics Core</b>		<b>Credit Hours</b>
BUSI 301	Business Research	3
BUSI 481	Internship	3
ECON 310	History of Economic Thought	3
ECON 311	Managerial Economics	3
ECON 312	Intermediate Microeconomics	3
ECON 313	Intermediate Macroeconomics	3
ECON 460	Applied Econometrics [Capstone]	3
<b>Total Economics Core Requirements</b>		<b>21</b>

<b>Economics Electives</b>		<b>Credit Hours</b>
ECON 302	Money and Banking	3
ECON 401	Industrial Organization	3
ECON 402	International Economics	3
ECON 441	Public Finance	3
ECON 442	Oil and Energy Economics	3
ECON 491	Special Topics in Economics	3
FINA 331	Risk and Insurance	3
FINA 451	Financial Modeling and Empirical Analysis	3
M ELE	Major Elective	3
<b>Total Economics Electives Requirements</b>		<b>12</b>

### Major Option: Finance (total 33 credit hours)

<b>Finance Core</b>		<b>Credit Hours</b>
BUSI 301	Business Research	3
BUSI 481	Internship	3
FINA 311	Corporate Finance	3
FINA 321	Financial Markets and Institutions	3
FINA 411	Investment and Portfolio Management	3
FINA 441	Multinational Financial Management	3
FINA 451	Financial Modeling and Empirical Analysis	3
<b>Total Finance Core Requirements</b>		<b>21</b>

<b>Finance Electives</b>		<b>Credit Hours</b>
ECON 302	Money and Banking	3
ECON 402	International Economics	3
FINA 331	Risk and Insurance	3
FINA 421	Commercial Banking	3
FINA 431	Real Estate Finance and Investment	3
FINA 461	Derivative Securities	3
FINA 491	Special Topics in Finance	3
M ELE	Major Elective	3
<b>Total Finance Electives Requirements</b>		<b>12</b>

## Major Option: Management (total 33 credit hours)

<b>Management Core</b>		<b>Credit Hours</b>
BUSI 30I	Business Research	3
BUSI 48I	Internship	3
MGMT 32I	Organizational Behavior	3
MGMT 33I	Human Resource Management	3
MGMT 34I	Project Management	3
MGMT 40I	International Management	3
MGMT 46I	Managing Change and Innovation	3
<b>Total Management Core Requirements</b>		<b>21</b>

<b>Management Electives</b>		<b>Credit Hours</b>
BDSC 40I	Business Process Modeling and Analytics	3
M ELE	Major Elective	3
MGMT 43I	Leadership	3
MGMT 45I	Supply Chain Management	3
MGMT 49I	Special Topics in Management	3
<b>Total Management Electives Requirements</b>		<b>12</b>

## Major Option: Marketing (total 33 credit hours)

<b>Marketing Core</b>		<b>Credit Hours</b>
BUSI 30I	Business Research	3
BUSI 48I	Internship	3
MKTG 31I	Sales Management	3
MKTG 36I	Marketing Research	3
MKTG 40I	Consumer Behavior	3
MKTG 42I	International Marketing	3
MKTG 47I	Strategic Marketing Management	3
<b>Total Marketing Core Requirements</b>		<b>21</b>

<b>Marketing Electives</b>		<b>Credit Hours</b>
M ELE	Major Elective	3
MKTG 32I	Retail Management	3
MKTG 37I	Digital Marketing	3
MKTG 41I	Services Marketing	3
MKTG 49I	Special Topics in Marketing	3
<b>Total Marketing Electives Requirements</b>		<b>12</b>

## Arts and Sciences Core

See pp. 106-109 for Arts and Sciences Core Requirements.

Note that all degree candidates in Business Administration must take MATH 200 (Calculus for Business) to fulfill the Core requirement in Mathematics. PHIL 222 (Professional Ethics) cannot fulfill the Humanities requirements for Business Administration students.

**Total Arts and Sciences Core Requirements** **36**

**General Electives** **3**

**TOTAL B.B.A. DEGREE REQUIREMENTS** **123**

## The AUD –MMU International Progression Path in Business and Management\*

Students who are on the AUD – MMU International Progression Path in Business and Management will spend their fourth academic year at Manchester Metropolitan University (MMU) to attend the courses of the B.A. (Hons) Business Administration Management program. Students on this path are permitted to transfer 24 credits of pre-set 300/400 level AUD-equivalent courses. These courses are Business Research (BUSI301), Business in the International Environment (BUSI321), Management of Information Systems (BUS331), Operations Management (MGMT313), Leadership (MGMT431), Strategic Management (MGMT499) as well as the Special Topics course (ACCG/AIMC/BUSI/ECON/FINA/MGMT/MKTG 491) and General Elective. In order to be granted transfer credit for these courses, a minimum grade equivalent to a C or better is required.

Students on the AUD-MMU International Progression Path in Business and Management will be advised by the Dean and/or Associate Dean of the School of Business. For registration, students on the AUD-MMU International Progression Path in Business and Management need the approval of the Dean of the School of Business in every semester. After completing the required courses as advised by the School, students on this path need to have a minimum GPA of 2.7 for them to be eligible to enter the MMU B.A. (Hons) Business Administration Management program.

\*Scholarships are not applicable during the last year of the MMU program. Full tuition is applicable.

## Pathway to the CPA Exam

For students completing the BBA program with a Major in Accounting, the School of Business (SB) also offers an optional Pathway to the CPA Exam whose purpose is to enable students to complete additional credits in Accounting to satisfy the education requirements for eligibility to sit for the CPA Exam.

In addition to the six Accounting Core courses (18 credits) and one Accounting Elective course (three credits), which are part of the completion requirements for the BBA Major in Accounting, students wishing to pursue the Pathway to the CPA Exam must complete **three** of the asterisked courses listed under Accounting Electives above—**an additional nine credits in Accounting** above and beyond the BBA completion requirements—**and must pass a Mock CPA Exam (not for credit)**. These nine additional credits will appear on the student's transcript with no special designation and not under a separate curricular caption. Accordingly, for students who completed the Pathway to the CPA Exam (as for all other students graduating with a Major in Accounting) only the Major in Accounting will appear on the BBA diploma.

Eligibility requirements for taking the CPA Exam vary widely by state and jurisdiction. There are several states in which eligibility to sit for the CPA Exam is attained upon completion of 120 credits (18 credits before the bachelor's degree in Alaska). ***This means that students completing the BBA Major in Accounting and planning to pursue the Pathway to the CPA Exam will be eligible to take the CPA Exam in one of those jurisdictions upon or just before completing their BBA program.*** To maximize their chances for success, however, students are advised to sit for the CPA Exam only after completion of the Pathway to the CPA Exam, even though they may have achieved eligibility to take the CPA Exam earlier. Ultimately, the timing and the choice of the specific state or jurisdiction for taking the CPA Exam are left for each student to decide.

In addition to passing the CPA Exam, all states and jurisdictions of the USA, except the US Virgin Islands, require completion of a total of 150 credit hours for CPA licensure. Other requirements also apply and they vary by state and jurisdiction. (For detailed information on these state-specific requirements and on international test centers that administer the CPA Exam for participating states, see <https://www.thiswaytocpa.com/exam-licensure/state-requirements>.)

## Advising for Students Pursuing the Pathway to the CPA Exam

The SBA will assign a faculty advisor who will provide detailed information and guidance to students pursuing the Pathway to the CPA Exam.

## Beyond the Pathway to the CPA Exam

Upon passing the CPA Exam, students must plan to complete the education requirement for **CPA licensure** (e.g., by enrolling in AUD's MBA program) and bring the total to 150 credits. Students must also fulfill all other requirements for licensure in the state or jurisdiction in which they passed the CPA Exam.

## B.B.A. Course Sequencing

All candidates for the B.B.A. degree should adhere to the following course sequencings:

### B.B.A. General

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE BUSI 101 COMP 101 ENGL 101 MATH 200 UNIV 100	ACCG 201 BUSI 201 ENGL 102 QUAN 201 SCIE ELE	
<b>Year II</b>	ACCG 211 BUSI 211 ECON 201 ENGL 103 QUAN 301	BUSI 301 (M ELE) ECON 202 FINA 201 MGMT 201 MKTG 201	
<b>Year III</b>	BUSI 311 BUSI 321 M ELE PSPK 101 SSCI ELE or HUMN ELE	BUSI 331 MGMT 313 M ELE M ELE WLDC 201 or 202	BUSI 481 (M ELE)
<b>Year IV</b>	GEN ELE HUMN or SSCI ELE M ELE M ELE M ELE	ISST ELE MGMT 499 (Capstone) M ELE M ELE M ELE	

### Major: Accounting

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE BUSI 101 COMP 101 ENGL 101 MATH 200 UNIV 100	ACCG 201 BUSI 201 ENGL 102 QUAN 201 SCIE ELE	
<b>Year II</b>	ACCG 211 BUSI 211 ECON 201 ENGL 103 QUAN 301	BUSI 301 ECON 202 FINA 201 MGMT 201 MKTG 201	
<b>Year III</b>	BUSI 311 BUSI 321 ACCG 301 ACCG 311 PSPK 101	ACCG 302 ACCG ELE BUSI 331 MGMT 313 WLDC 201 or 202	BUSI 481
<b>Year IV</b>	ACCG 401 ACCG 421 ACCG ELE GEN ELE HUMN or SSCI ELE	ACCG 441 ACCG ELE ISST ELE MGMT 499 (Capstone) SSCI ELE or HUMN ELE	

### Major: Advertising and Integrated Marketing Communications

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE BUSI 101 COMP 101 ENGL 101 MATH 200 UNIV 100	ACCG 201 BUSI 201 ENGL 102 QUAN 201 SCIE ELE	
<b>Year II</b>	ACCG 211 BUSI 211 ECON 201 ENGL 103 QUAN 301	BUSI 301 ECON 202 FINA 201 MGMT 201 MKTG 201	
<b>Year III</b>	AIMC 201 BUSI 311 BUSI 321 MKTG 401 PSPK 101	AIMC 401 AIMC ELE BUSI 331 MGMT 313 WLDC 201 or 202	
<b>Year IV</b>	AIMC 411 AIMC 421 GEN ELE HUMN or SSCI ELE MKTG 361	AIMC 431 AIMC ELE ISST ELE MGMT 499 (Capstone) SSCI ELE or HUMN ELE	AIMC 481

### Major: Economics

	Fall	Spring	Summer
<b>Year I</b>	ARBA ELE BUSI 101 COMP 101 ENGL 101 MATH 200 UNIV 100	ACCG 201 BUSI 201 ENGL 102 QUAN 201 SCIE ELE	
<b>Year II</b>	ACCG 211 BUSI 211 ECON 201 ENGL 103 QUAN 301	BUSI 301 ECON 202 FINA 201 MGMT 201 MKTG 201	
<b>Year III</b>	BUSI 311 BUSI 321 ECON 310 ECON 312 PSPK 101	BUSI 331 ECON 311 ECON 313 MGMT 313 WLDC 201 or 202	BUSI 481
<b>Year IV</b>	ECON 460 ECON ELE ECON ELE GEN ELE HUMN or SSCI ELE	ECON ELE ECON ELE ISST ELE MGMT 499 (Capstone) SSCI ELE or HUMN ELE	



**Major: Finance**

	<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
<b>Year I</b>	ARAB ELE BUSI 101 COMP 101 ENGL 101 MATH 200 UNIV 100	ACCG 201 BUSI 201 ENGL 102 QUAN 201 SCIE ELE	
<b>Year II</b>	ACCG 211 BUSI 211 ECON 201 ENGL 103 QUAN 301	BUSI 301 ECON 202 FINA 201 MGMT 201 MKTG 201	
<b>Year III</b>	BUSI 311 BUSI 321 FINA 311 FINA 321 PSPK 101	BUSI 331 FINA 411 FINA ELEC MGMT 313 WLDC 201 or 202	BUSI 481
<b>Year IV</b>	FINA 441 FINA ELE FINA ELE GEN ELE HUMN or SSCI ELE	FINA 451 FINA ELE ISST ELE MGMT 499 (Capstone) SSCI ELE or HUMN ELE	

**Major: Management**

	<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
<b>Year I</b>	ARAB ELE BUSI 101 COMP 101 ENGL 101 MATH 200 UNIV 100	ACCG 201 BUSI 201 ENGL 102 QUAN 201 SCIE ELE	
<b>Year II</b>	ACCG 211 BUSI 211 ECON 201 ENGL 103 QUAN 301	BUSI 301 ECON 202 FINA 201 MGMT 201 MKTG 201	
<b>Year III</b>	BUSI 311 BUSI 321 MGMT 321 MGMT 331 PSPK 101	BUSI 331 MGMT 313 MGMT 341 MGMT ELE WLDC 201 or 202	BUSI 481
<b>Year IV</b>	MGMT 401 MGMT ELE MGMT ELE GEN ELE HUMN or SSCI ELE	ISST ELE MGMT 461 MGMT 499 (Capstone) MGMT ELE SSCI ELE or HUMN ELE	

## Major: Marketing

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE BUSI 101 COMP 101 ENGL 101 MATH 200 UNIV 100	ACCG 201 BUSI 201 ENGL 102 QUAN 201 SCIE ELE	
<b>Year II</b>	ACCG 211 BUSI 211 ECON 201 ENGL 103 QUAN 301	BUSI 301 ECON 202 FINA 201 MGMT 201 MKTG 201	
<b>Year III</b>	BUSI 311 BUSI 321 MKTG 311 MKTG ELE PSPK 101	BUSI 331 MKTG 361 MKTG ELE MGMT 313 WLDC 201 or 202	BUSI 481
<b>Year IV</b>	GEN ELE HUMN or SSCI ELE MKTG 401 MKTG 471 MKTG ELE	ISST ELE MKTG 421 MGMT 499 (Capstone) MKTG ELE SSCI ELE or HUMN ELE	

### Legend:

ARAB: Arabic

ELE: Elective

GEN: General

HUMN : Humanities

ISST: Islamic Cultural Studies

M ELE: Major Elective

SCIE: Science

SSCI: Social Sciences

For course code legends, please see p. 179

## Minors in The School of Business

Minors in business disciplines are open to students majoring in any field. The minors are intended to allow students interested in a business discipline to develop broad knowledge of the discipline. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. To complete a minor, students must complete a minimum of five courses (**15 credit hours**) per the following:

### Advertising and Integrated Marketing Communications

Any AIMC coded 300 or 400-level course

### Accounting

Any ACCG coded 300 or 400-level course

### Economics

Any ECON coded 300 or 400-level course

### Finance

Any FINA coded 300 or 400-level course

ECON 302 Money and Banking

### Management

Any MGMT coded 300 or 400-level course

BDSC 401 Business Process Modeling and Analytics

### Marketing

Any MKTG coded 300 or 400-level course



AMERICAN  
UNIVERSITY  
IN DUBAI

## Mohammed Bin Rashid School for Communication

### MOHAMMED BIN RASHID SCHOOL FOR COMMUNICATION

The Mohammed Bin Rashid School for Communication (MBRSC) was established in 2008 per the directives of H.H. Sheikh Mohammed Bin Rashid Al Maktoum for AUD to coordinate with various Dubai-based constituencies to insure the uniqueness of the School's offerings. To facilitate access to the School's programs, His Highness funds scholarships bestowed on 75% of the students who meet the rigorous admissions requirements of the School.

The focal point of the School's mission is to educate media professionals with an outstanding command of the Arabic language, serving to bridge the linguistic and cultural gaps undermining the Arab media sector. AUD collaborates with an advisory council consisting of media specialists from the Middle East and the United States in developing the School's curriculum. The School offers a Bachelor of Communication and Information Studies (B.C.I.S.) in Digital Production and Storytelling (DPST) and in Journalism (JOUR), and a Master of Arts (M.A.) in Leadership and Innovation in Contemporary Media.

The MBRSC offers an American-based curriculum with an Arabic track option in the undergraduate program in addition to the English track.

#### *School Mission*

The Mohammed Bin Rashid School for Communication seeks to take advantage of its position in the local and international media hub of Dubai to achieve distinction in scholarship, instruction and facilities that graduate media professionals who are proficient in the creation of media content of local, regional or global relevance. Such content, reflective of the highest ethical standards, embraces a multitude of subjects and platforms and effectively informs and/or entertains diverse consumers of media.

#### *School Goals*

- Provide the opportunity for the creation of original content that is anchored in the students' native cultures and societies;
- Graduate storytellers in various platforms whose proficiency is enhanced through a solid grounding in the art, history, culture and society of the Middle East and beyond;
- Ensure that the programs offered by the School are continuously aligned with advancements in communication technologies and the employment needs of the local and global markets;
- Support media-related research that contributes to the advancement of professional practice; and,
- Enrich the experience of faculty and students by cultivating an environment that is tolerant and accepting of diverse nationalities and cultures.



## COMMUNICATION AND INFORMATION STUDIES

### *Bachelor of Communication And Information Studies (B.C.I.S.) Program*

#### **Program Mission**

The Bachelor of Communication and Information Studies program at the American University in Dubai prepares practitioners and scholars to work in twenty-first century media. Graduates will be proficient in areas ranging from ethics and media policy to writing and production skills. They will be committed to providing the public with media content that meets local and regional needs and is global in outlook and standard.

#### **Program Goals**

Graduates will:

- Possess sophisticated communication skills, in Arabic and English, including the ability to comprehend and comment upon news coverage, elements of media business, and social responsibility of media;
- Be proficient in storytelling using journalism, television, cinema and new media contexts;
- Understand the theoretical and practical elements of the broad historical, cultural, economic, and technological foundations of mass media;
- Appreciate the significance of ethical standards and behavior on the part of all institutions and individuals involved with mass media, including the public's responsibility to understand the role of media and to wisely gather and disseminate information through the media;
- Relate media theory and practice to fields such as politics, economics, law, business, information science, and the liberal arts; and,
- Recognize the role of media as an element of individual and global cultures, with particular emphasis on respect for diversity related to race, gender, religion, ethnicity, and other personal characteristics and orientations.

#### **Program Learning Outcomes**

Students graduating from the B.C.I.S. program will be able to:

- Examine the theoretical foundations and identify the historical and formal evolution of Media;
- Conduct research using appropriate methods in relation to the fields of Media;
- Analyze, apply and reference a diverse canon of media work;
- Understand and apply professional ethical principles in pursuit of freedom of creative expression pertaining to various forms of diversity;
- Write original and compelling content which convey/reflect a personal voice that speaks to a diverse audience across multiple platforms;
- Develop and apply technical and collaborative skills to maximize production value in film, TV and emerging media.

## Summary of Degree Requirements

B.C.I.S.		
Course Classification	Credit Hours Required for JOUR	Credit Hours Required for DPST
Core	23	29
Major	30	24
Arts and Sciences Core	36	36
Language and Literature	6	6
General Electives (Excluding the MBRSC courses)	30	30
<b>Total</b>	<b>125</b>	<b>125</b>

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121, *Entrepreneurship and Innovation* to replace BUSI 101; (2) BUSI 251, *Startup Entrepreneurship Project* as their Business Elective (BUSI ELE). Please see pp. 169-171 for information related to the Center of Entrepreneurship and Innovation.

### Continued Enrollment

Students must successfully complete all the Curriculum Core courses (total 23 and 29 credit hours respectively for JOUR and DPST) with a cumulative GPA for those courses of 2.3 prior to entering into the third year of the program. A student failing to achieve such a CGPA is required to repeat courses. **Failure to do so will cancel their degree candidacy within the Mohammed Bin Rashid School for Communication.** In such cases, the student may choose to pursue studies at AUD in a discipline outside the Mohammed Bin Rashid School for Communication, contingent upon admission into the new program. The university does not assume any responsibility for loss of credit due to the student's change from the B.C.I.S. to another program. In-house AUD students who wish to transfer to the MBRSC should be in good academic standing and have a CGPA of 2.5 or more.

## Curriculum/Courses

### Language and Literature

### Credit Hours

#### Arabic Track

MEST 301	Arabic Proficiency I (Req.)	3
MEST 302	Arabic Proficiency II (Req.)	3

#### English Track

ENGL 210	Creative Writing (Req.)	3
ENGL 211	British Literature I	3
ENGL 212	British Literature II	3
ENGL 221	American Literature I	3
ENGL 222	American Literature II	3
ENGL 231	World Literature I	3
ENGL 232	World Literature II	3
ENGL 275-278	Special Topics in Literature	3
ENGL 311	World Mythology	3
ENGL 312	Bibliography/Autobiography	3
ENGL 313	Children's Literature	3
ENGL 314	Coming-Of-Age Novels	3
ENGL 315	Contemporary Female Authors	3
ENGL 316	Prize-Winning Authors	3
ENGL 475	Special Topics in Literature	3

### Total Language and Literature Requirements

6

### Core for Both Majors

COMM 101	Introduction to Global Media	3
COMM 103*	Media, Culture and Society	3
COMM 201	Media Economics and Research	3
COMM 202	Ethical and Legal Responsibilities in the Mass Media	3

## Core for Digital Production and Storytelling

COMM 105	Drama and Non-Fiction TV Formats Analysis	2
COMM 106	The Language of Film	3
COMM 223*	Screenwriting Fundamentals	3
COMM 230	Video Editing and Sound Design	3
COMM 232	Cinematography	3
COMM 241	Introduction to Production	3
<b>Total Core Requirements for Digital Production and Storytelling</b>		<b>29</b>

## Core for Journalism

COMM 104	Introduction to Non-Fiction TV Formats	2
COMM 221*	Media Writing Skills	3
COMM 222*	Multiplatform Storytelling	3
COMM 243	Introduction to Production for Journalism	3
<b>Total Core Requirements for Journalism</b>		<b>23</b>

\* Courses offered in English and Arabic

## Major Option: Digital Production and Storytelling

DPST 302	Media and Public Service	3
DPST 323*	Screenwriting and Producing for TV and the Web	3
DPST 340	Intermediate Production	3
DPST 361	Online Communities	3
DPST/JOUR 441*	The Documentary	3
DPST 422*	Capstone Storytelling	3
DPST 444	Capstone Production	3
DPST 461	Internship	3
<b>Total Digital Production and Storytelling Major Requirements</b>		<b>24</b>

\* Courses offered in English and Arabic

## Major Option: Journalism

### Major Core

JOUR 301	Visualizing News	3
JOUR 302	Newsroom Management and Decision Making	3
JOUR 321*	Reporting	3
JOUR 322*	Advanced Reporting	3
JOUR 324*	Broadcast Journalism	3
JOUR/DPST 441*	The Documentary	3
JOUR 461	Media and Politics in the Middle-East	3
JOUR 462*	Capstone Project	3
JOUR 463	Internship	3
<b>Total Journalism Core Requirements</b>		<b>27</b>

### Major Elective

**Students must complete three credits from the following courses:**

JOUR 209*	Selected Topics in Journalism	3
JOUR 323 *	Editorial and Critical Writing	3
JOUR 401*	Current Issues in Journalism	3
JOUR 402*	Contemporary Perspectives in Journalism	3
<b>Total Journalism Electives</b>		<b>3</b>

**Total Journalism Major Requirements** **30**

\* Courses offered in English and Arabic

## General Electives

Any course from the university listing exclusive of the MBRSC courses and PHIL 222, with the following restrictions:

MEST*	minimum of	6
BUSI	BUSI 101 and any other courses from the School of Business	6
ANY	minimum of	6
ARTS	Courses at a 300 level or higher	6
ENGL	maximum of	6
Language	maximum of	12

### Total General Electives Requirements 30

\* Students are highly encouraged to pursue the Certificate in Middle Eastern Studies

## Arts and Sciences Core

See pp. 106-109 for Arts and Sciences Core Requirements.

Note that all degree candidates in Communication and Information Studies must take MEST 317 to fulfill the Arabic requirement, ARTS 200 (History of Art I) to fulfill the Core requirement in Humanities, and MATH 101 (Mathematics for the Arts) or MATH 200 (Calculus for Business) to fulfill the Core requirement for Mathematics.

### Total Arts and Sciences Core Requirements 36

## JOUR and DPST Electives for Minors\*

DPST 209	Selected Topics in Digital Production and Storytelling	3
JOUR 209**	Selected Topics in Journalism	3
JOUR 323**	Editorial and Critical Writing	3
JOUR 401**	Current Issues in Journalism	3
JOUR 402**	Contemporary Perspectives in Journalism	3

\* Open to students minoring in Communication, JOUR, and DPST

\*\* Also open to JOUR major students as part of major elective

## TOTAL B.C.I.S. DEGREE REQUIREMENTS 125

## *B.C.I.S. in Digital Production and Storytelling Course Sequencing*

All candidates for the B.C.I.S. in Digital Production and Storytelling degree, **Arabic track**, should adhere to the following course sequencing:

	<b>Fall</b>	<b>Spring</b>
<b>Year I</b>	COMM 101 COMM 105 COMP 101 ENGL 101 MEST 301 UNIV 100	COMM 103 COMM 106 ENGL 102 MATH 101 or MATH 200 MEST 302
<b>Year II</b>	COMM 201 COMM 223 COMM 230 ENGL 103 MEST 317* PSPK 101	COMM 202 COMM 232 COMM 241 BUSI 101 SSCI ELE WLDC 201 or 202
<b>Year III</b>	ARTS 200 DPST 340 DPST 361 GEN ELE ISST ELE	DPST 302 DPST 323 MEST ELE SB ELE SCIE ELE
<b>Year IV</b>	MEST ELE GEN ELE DPST 422 DPST 441 GEN ELE (300 level or above)	GEN ELE DPST 444 DPST 461 GEN ELE GEN ELE (300 level or above)

\* Fulfills Arts and Sciences Core Arabic requirement



All candidates for the B.C.I.S. in Digital Production and Storytelling degree, **English track**, should adhere to the following course sequencing:

	<b>Fall</b>	<b>Spring</b>
<b>Year I</b>	ARAB ELE COMM 101 COMM 105 COMP 101 ENGL 101 UNIV 100	BUSI 101 COMM 103 COMM 106 ENGL 102 MATH 101 or MATH 200
<b>Year II</b>	COMM 201 COMM 223 COMM 230 ENGL 103 PSPK 101 SCIE ELE	COMM 202 COMM 232 COMM 241 ENGL 210 SSCI ELE WLDC 201 or 202
<b>Year III</b>	ARTS 200 DPST 340 DPST 361 GEN ELE ISST ELE	DPST 302 DPST 323 MEST ELE SB ELE Language & Literature
<b>Year IV</b>	GEN ELE DPST 422 DPST 441 GEN ELE (300 level or above) MEST ELE	GEN ELE DPST 444 DPST 461 GEN ELE GEN ELE (300 level or above)

## B.C.I.S. In Journalism Course Sequencing

All candidates for the B.C.I.S. in Journalism degree, **Arabic track**, should adhere to the following course sequencing:

	Fall	Spring
<b>Year I</b>	BUSI 101 COMM 101 COMP 101 ENGL 101 MEST 301 UNIV 100	COMM 103 COMM 104 ENGL 102 MATH 101 or MATH 200 MEST 302
<b>Year II</b>	COMM 201 COMM 221 COMM 243 ENGL 103 MEST 317* PSPK 101	ARTS 200 COMM 202 COMM 222 ISST ELE SSCI ELE WLDC 201 or 202
<b>Year III</b>	GEN ELE GEN ELE JOUR 301 JOUR 321 JOUR 324	JOUR 302 JOUR 322 MEST ELE SB ELE SCIE ELE
<b>Year IV</b>	GEN ELE (300 level or above) JOUR ELE JOUR 441 JOUR 461 MEST ELE	GEN ELE (300 level or above) GEN ELE GEN ELE JOUR 462 JOUR 463

\* Fulfills Arts and Sciences Core Arabic requirement

All candidates for the B.C.I.S. in Journalism degree, **English track**, should adhere to the following course sequencing:

	<b>Fall</b>	<b>Spring</b>
<b>Year I</b>	ARAB ELE COMM 101 COMP 101 ENGL 101 GEN ELE UNIV 100	BUSI 101 COMM 103 COMM 104 ENGL 102 MATH 101 or MATH 200
<b>Year II</b>	COMM 201 COMM 221 COMM 243 ENGL 103 PSPK 101 SCIE ELE	ARTS 200 COMM 202 COMM 222 ENGL 210 SSCI ELE WLDC 201 or 202
<b>Year III</b>	ISST ELE GEN ELE JOUR 301 JOUR 321 JOUR 324	MEST ELE JOUR 302 JOUR 322 Language & Literature SB ELE
<b>Year IV</b>	GEN ELE (300 level or above) JOUR ELE JOUR 441 JOUR 461 MEST ELE	GEN ELE (300 level or above) GEN ELE GEN ELE JOUR 462 JOUR 463

**Legend:**

ARAB: Arabic

GEN ELE: General Elective

ISST: Islamic Cultural Studies

SCIE: Science

SSCI: Social Sciences

SB: School of Business

MEST: Middle Eastern Studies

For course code legends, please see p. 179

## Minors

The Mohammed Bin Rashid School for Communication offers the minors shown below. Subject to completion of all prerequisite courses, students may choose these minors for additional credit beyond their degree completion requirements. Prerequisites for the minors are stated in the course description section of this *Catalog*.

### Minor in Communication

*Not open to the MBRSC students*

Students should familiarize themselves with the prerequisites for the courses listed in the minor and should be aware that the completion of the minor with its prerequisites will necessitate additional credits over their degree requirements.

#### Minor Core

Students must complete **each** of the following courses:

COMM 103*	Media, Culture and Society	3
COMM 202	Ethical and Legal Responsibilities in the Mass Media	3

**Total Minor Core Requirements** **6**

\* Course offered in English only

#### Minor Electives

Students must earn nine credit hours by completing any combination of the following courses:

COMM 106	The Language of Film	3
DPST 209	Selected Topics in DPST	3
DPST 361	Online Communities	3
JOUR 209	Selected Topics in Journalism	3
JOUR 323	Editorial and Critical Writing	3
JOUR 401	Current Issues in Journalism	3
JOUR 402	Contemporary Perspectives in Journalism	3
JOUR 461	Media and Politics in the Middle-East	3

**Total Minor Elective Requirements** **9**

**TOTAL MINOR REQUIREMENTS** **15**

### Minor In Journalism

*Open to Digital Production and Storytelling (DPST) and Visual Communication (VC) majors only*

A minor in Journalism is open to students who are already enrolled in the Mohammed Bin Rashid School for Communication and majoring in Digital Production and Storytelling (DPST) and to students enrolled in the Visual Communication (VC) department. This minor allows DPST and VC students to gain additional knowledge in journalistic writing and reporting styles. Students should be aware that completion of the minor will necessitate fifteen additional credits over their degree requirements. For VC students, the General Electives can be applied toward the completion of the minor. VC students who are not enrolled in the Digital Media major, will need to complete VCDM 221 and 222 in addition to the minor courses listed below.

#### Minor Core

Students must complete **each** of the following courses:

COMM 221*	Media Writing Skills	3
COMM 222	Multiplatform Storytelling	3
JOUR 321*	Reporting	3
JOUR 324*	Broadcast Journalism	3

**Total Minor Core Requirements** **12**

### Minor Electives

Students must complete three credit hours from the following courses:

JOUR 209	Selected Topics in Journalism	3
JOUR 302+	Newsrooms Management and Decision Making	3
JOUR 322*+	Advanced Reporting	3
JOUR 323	Editorial and Critical Writing	3
JOUR 401	Current Issues in Journalism	3
JOUR 402	Contemporary Perspectives in Journalism	3
JOUR 461	Media and Politics in the Middle East	3
<b>Total Minor Electives Requirements</b>		<b>3</b>

### Total Minor Requirements

15

\* Course offered in English only

+Course only available to DPST students

### Minor in Digital Production and Storytelling

Open to Journalism (JOUR) and Visual Communication (VC) majors only

A minor in Digital Production and Storytelling is open to students who are already enrolled in the Mohammed Bin Rashid School for Communication and majoring in Journalism (JOUR) and to students enrolled in the Visual Communication (VC) department. This minor allows JOUR and VC students to gain additional knowledge in scriptwriting and producing audio visual programs in addition to exposure to the unique characteristics of other media platforms. JOUR students should be aware that completion of the minor will necessitate fifteen additional credits over their degree requirements. For VC students, the General Electives can be applied toward the completion of the minor. VC students who are not enrolled in the Digital Media major, will need to complete VCDM 221 and 222 in addition to the minor courses listed below.

### Minor Core

### Credit Hours

Students must complete **each** of the following courses:

COMM 106	The Language of Film	3
COMM 223*	Screenwriting Fundamentals (DPST)	3
COMM 241	Introduction to Production	3
DPST 340	Intermediate Production	3
<b>Total Minor Core Requirements</b>		<b>12</b>

### Minor Electives

Students must complete three credit hours from the following courses:

DPST 209	Selected Topics in DPST	3
DPST 302	Media and Public Service	3
DPST 323*+	Screenwriting and Producing for TV and the Web	3
DPST 361	Online Communities	3
<b>Total Minor Electives Requirements</b>		<b>3</b>

### TOTAL MINOR REQUIREMENTS

15

\* Course offered in English only

+Course only available to JOUR students



AMERICAN  
UNIVERSITY  
IN DUBAI

# School of Engineering

## SCHOOL OF ENGINEERING

The School of Engineering at the American University in Dubai provides students with a unique opportunity to experience American-style engineering education in one of the fastest growing and most diverse metropolitan areas in the world.

The School offers undergraduate programs leading to Bachelor of Science degrees in Civil Engineering, Computer Engineering, Electrical Engineering, and Mechanical Engineering, as well as a Master of Science in Construction Management. The curricula are supported by state-of-the-art labs and facilities, a diverse group of faculty with outstanding expertise, and solid links with the professional community.

With local and international accreditations in place, and through a broad education grounded in cultural diversity and technical excellence, our graduates continue to be highly sought at both the regional and global levels.

### *School Mission*

The School of Engineering prepares a culturally diverse community of learners for successful professional careers grounded in strong engineering knowledge, a culture of innovation, and an awareness of the global societal, economic, and environmental contexts within which engineering decisions are made.

### *School Goals*

1. To prepare our graduates for professional practice, pursuit of new knowledge, and leadership roles within their professional communities;
2. To promote the importance of inquiry and innovative thinking, cultural diversity, and social and professional responsibility as catalysts for positive change within local and global contexts;
3. To foster a constructive learning environment through positive faculty-student interactions, recruitment and retention of highly qualified faculty, and engagement with the community; and,
4. To provide unique learning and development opportunities by maintaining strong ties with the industry, and aligning the curricula with the evolving needs of the global engineering community.

## Summary of Degree Requirements

Course Classification	Credit Hours Required			
	B.S.C.E.	B.S.Comp.E.	B.S.E.E.	B.S.M.E.
Mathematics/Natural Sciences	29	29	29	29
Major Core	54	54	54	54
Major Electives	15	15	15	15
Arts and Sciences Core	36	36	36	36
General Electives	3	3	3	3
<b>Total</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>

Undergraduate students in the School of Engineering are required to maintain a minimum program (major) Grade Point Average (MGPA) of 2.0 throughout their enrollment. The MGPA is calculated based on the student's grades in the Major Core. An Engineering student whose MGPA falls below 2.3 at the end of an academic term will be placed on MGPA Warning and will be advised by the Chair or Dean in addition to the Academic Advisor. An Engineering student whose MGPA drops below 2.0 will be placed on MGPA Hold and may not enroll in any new engineering courses, but may either repeat previously taken courses to raise the MGPA to 2.0, or seek admission into another program at AUD outside the School of Engineering. An Engineering student who has completed all required coursework, but whose MGPA is below 2.0, will **not** be eligible for graduation until he or she raises the MGPA to a minimum of 2.0.

Students wishing to pursue the Entrepreneurship and Innovation Path, should take (1) BUSI 121, *Entrepreneurship and Innovation* as their General Elective requirement; (2) BUSI 251, *Startup Entrepreneurship Project* to be taken as an additional course to their degree requirements. Please see pp. 169-171 for information related to the Center of Entrepreneurship and Innovation.



## BACHELOR OF SCIENCE IN CIVIL ENGINEERING (B.S.C.E.) PROGRAM

### *Program Mission*

To prepare a culturally diverse student body for successful professional careers grounded in strong engineering knowledge, a culture of innovation, and an awareness of the global societal, economic, and environmental contexts within which civil infrastructure, construction, and environmental engineering decisions are made.

### *Program Goals*

In support of its mission, the Civil Engineering Program strives to produce graduates who will

1. Pursue successful professional careers in civil infrastructure, construction, and environmental engineering or related fields while remaining technically current through graduate education and professional engagement;
2. Excel as leaders, team members, communicators, and innovators in collaborative multicultural environments; and,
3. Benefit society by practicing their profession responsibly and ethically, and sharing their knowledge through training and mentorship opportunities.

### *Program Learning Outcomes*

Civil Engineering graduates will be able to

1. Identify, formulate, and solve complex civil infrastructure, construction, and environmental engineering problems by applying principles of engineering, science, and mathematics;
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
3. Communicate effectively with a range of audiences, through oral, written, graphic, and electronic channels;
4. Make informed engineering decisions, guided by ethical and professional responsibility, and considering the global impact of engineering solutions on the economy, environment, and society;
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
6. Develop and conduct experiments, analyze and interpret data, and use engineering judgment to draw conclusions; and,
7. Acquire and apply new knowledge as needed, using appropriate learning strategies such as self-regulated learning, experimentation, and cooperative learning.



## Curriculum Courses

<b>Mathematics/Natural Sciences*</b>		<b>Credit Hours</b>
CHEM 201	General Chemistry	3
ENGG 200	Engineering Statistics	3
ENGG 222	Numerical Methods in Engineering, w/Lab	3
MATH 220	Calculus II	3
MATH 230	Linear Algebra and Complex Variables	3
MATH 231	Differential Equations	3
MATH 240	Multivariable Calculus	3
PHYS 201	Introductory Physics I, w/Lab	4
PHYS 202	Introductory Physics II, w/Lab	4
<b>Total Mathematics/Natural Sciences Requirements</b>		<b>29</b>

\* The following are additional Mathematics or Natural Science courses that satisfy other curricular requirements: BIOL201 and MATH210.

<b>Civil Engineering Core</b>		<b>Credit Hours</b>
ENGG 210	Engineering Graphics and Visualization	3
ENGG 255	Engineering Design and Economics	3
ENGG 270	Statics, w/Lab	3
ENGG 275	Dynamics	3
ECVL 210	Engineered Materials, w/Lab	4
ECVL 268	Mechanics of Materials	3
ECVL 305	Geomatics, w/Lab	3
ECVL 330	Fluid Mechanics, w/Lab	3
ECVL 340	Environmental Engineering, w/Lab	3
ECVL 350	Transportation Engineering, w/Lab	3
ECVL 360	Structural Analysis I, w/Lab	4
ECVL 368	Reinforced Concrete Design I	3
ECVL 370	Geotechnical Engineering I, w/Lab	4
ECVL 399	Field Experience in Civil Engineering	2
ECVL 420	Construction Engineering and Management	3
ECVL 470	Geotechnical Engineering II	3
ECVL 499	Civil Engineering Design Project	4
<b>Total Civil Engineering Core Requirements</b>		<b>54</b>

### Civil Engineering Electives

Students must complete 15 credit hours of Civil Engineering Electives, with at least 9 credit hours of Primary Electives.

<b>Primary Electives</b>		<b>Credit Hours</b>
ECVL 422	Construction Operations and Processes	3
ECVL 433	Hydraulic Engineering	3
ECVL 444	Water and Wastewater Engineering	3
ECVL 455	Traffic Engineering	3
ECVL 466	Structural Steel Design	3
		<b>9-15</b>
<b>Secondary Electives</b>		
ECVL 440	Sustainable Engineering Design	3
ECVL 451	Pavement Engineering	3
ECVL 458	Transportation Planning	3
ECVL 460	Structural Analysis II	3
ECVL 462	Structural Dynamics	3
ECVL 464	Bridge Engineering	3
ECVL 468	Reinforced Concrete Design II	3
ECVL 480-489	Special Topics in Civil Engineering	3
		<b>0-6</b>
<b>Total Civil Engineering Elective Requirements</b>		<b>15</b>

## Arts and Sciences Core

		Credit Hours
ARAB ELE	Arabic Elective	3
BIOL 201*	Principles of Biology	3
ENGG 140	Introduction to Programming	3
ENGL 101	Composition and Rhetoric	3
ENGL 102	Advanced Composition and Research	3
ENGL 103	Introduction to Literature	3
ISST ELE	Islamic Cultural Studies Elective	3
MATH 210	Calculus I	3
PSPK 101	Public Speaking	3
PHIL 222	Professional Ethics	3
SSCI ELE	Social/Behavioral Sciences Elective	3
UNIV 100	The University Experience	0
WLDC 201	Cultural Encounters and Historical Transformation or	3
WLDC 202	Culture and Innovation in a Globalized World	3
<b>Total Arts and Sciences Core Requirements</b>		<b>36</b>

\* *Can be substituted by BIOL 202*

## General Electives

3

## TOTAL B.S.C.E. DEGREE REQUIREMENTS

137

## B.S.C.E. Course Sequencing

All candidates for the B.S.C.E. degree should adhere to the following course sequencing:

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE ENGG 140 ENGL 101 MATH 210 PHYS 201 UNIV 100	BIOL 201 or BIOL 202 ENGG 210 ENGL 102 MATH 220 PHYS 202	
<b>Year II</b>	CHEM 201 ENGG 255 ENGG 270 ENGL 103 MATH 230 MATH 231	ECVL 210 ECVL 268 ENGG 200 ENGG 222 ENGG 275 PSPK 101	
<b>Year III</b>	ECVL 305 ECVL 330 ECVL 360 ISST ELE MATH 240 SSCI ELE	ECVL 340 ECVL 350 ECVL 368 ECVL 370 ECVL ELE	ECVL 399
<b>Year IV</b>	ECVL 420 ECVL 470 ECVL ELE ECVL ELE PHIL 222	ECVL 499 ECVL ELE ECVL ELE GEN ELE WLDC 201 or 202	

### Legend:

ARAB: Arabic

ECVL: Civil Engineering

ELE: Elective

GEN: General

ISST: Islamic Cultural Studies

For course code legends, please see p. 179

## Minor in Environmental Engineering

The minor in Environmental Engineering is open to students majoring in any field except Civil Engineering. This minor allows students to further their knowledge in the areas of environmental engineering and sustainability. The field of environmental engineering is wide but students can choose to focus on a particular area depending on the courses they choose. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. A course may not be used to fulfill the requirements of more than one minor. To complete the Minor in Environmental Engineering, students must earn a minimum of **15 credit hours** from the following courses:

Minor Core		Credit Hours
Students must complete the following courses:		
BIOL 201	Principles of Biology	3
CHEM 201	General Chemistry	3
ECVL 340	Environmental Engineering, w/Lab	3
<b>Total Minor Core Requirements</b>		<b>9</b>
Minor Electives		
Students must complete at least 6 credits from the following courses:		
ECVL 330	Fluid Mechanics, w/Lab	3
ECVL 433	Hydraulic Engineering	3
ECVL 440	Sustainable Engineering Design	3
ECVL 444	Water and Wastewater Engineering	3
<b>Total Minor Electives Requirements</b>		<b>6</b>
<b>TOTAL MINOR REQUIREMENTS</b>		<b>15</b>

## Minor in Structural Engineering

The minor in Structural Engineering is open to students majoring in any discipline except Civil Engineering. This minor can be of great value especially to Architecture students who wish to broaden their technical knowledge in structural analysis and design. Architecture students should consult with their Academic Advisor regarding prerequisite equivalencies to the courses below, since they will have taken prerequisite equivalents as part of their major degree requirements. A course may not be used to fulfill the requirements of more than one minor. To complete the Minor in Structural Engineering, students must earn a minimum of **15 credit hours** from the following courses:

Courses		Credit Hours
MATH 230	Linear Algebra and Complex Variables	3
ENGG 270	Statics w/Lab	3
ECVL 268	Mechanics of Materials	3
ECVL 210	Engineered Materials, w/Lab	4
ECVL 360	Structural Analysis I, w/Lab	4
ECVL 368	Reinforced Concrete Design I	3
ECVL 460	Structural Analysis II	3
ECVL 462	Structural Dynamics	3
ECVL 466	Structural Steel Design	3
ECVL 468	Reinforced Concrete Design II	3
<b>TOTAL MINOR REQUIREMENTS</b>		<b>15</b>



## BACHELOR OF SCIENCE IN COMPUTER ENGINEERING (B.S.COMP.E.) PROGRAM

### *Program Mission*

To prepare a culturally diverse student body for successful professional careers grounded in strong engineering knowledge, a culture of innovation, and an awareness of the global societal, economic, and environmental contexts within which computer engineering and technology decisions are made.

### *Program Goals*

In support of its mission, the Computer Engineering Program strives to produce graduates who will

1. Pursue successful professional careers in computer engineering and technology or related fields while remaining technically current through graduate education and professional engagement;
2. Excel as leaders, team members, communicators, and innovators in collaborative multicultural environments; and,
3. Benefit society by practicing their profession responsibly and ethically, and sharing their knowledge through training and mentorship opportunities.

### *Program Learning Outcomes*

Computer Engineering graduates will be able to...

1. Identify, formulate, and solve complex computer engineering and technology problems by applying principles of engineering, science, and mathematics;
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
3. Communicate effectively with a range of audiences, through oral, written, graphic, and electronic channels;
4. Make informed engineering decisions, guided by ethical and professional responsibility, and considering the global impact of engineering solutions on the economy, environment, and society;
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
6. Develop and conduct experiments, analyze and interpret data, and use engineering judgment to draw conclusions; and,
7. Acquire and apply new knowledge as needed, using appropriate learning strategies such as self-regulated learning, experimentation, and cooperative learning.

## Curriculum/Courses

<b>Mathematics/Natural Sciences*</b>		<b>Credit Hours</b>
CHEM 201	General Chemistry	3
ENGG 222	Numerical Methods in Engineering, w/Lab	3
ENGG 300	Probability and Random Variables	3
MATH 220	Calculus II	3
MATH 230	Linear Algebra and Complex Variables	3
MATH 231	Differential Equations	3
MATH 250	Discrete Mathematics	3
PHYS 201	Introductory Physics I, w/Lab	4
PHYS 202	Introductory Physics II, w/Lab	4
<b>Total Mathematics/Natural Sciences Requirements</b>		<b>29</b>

\* The following are additional Mathematics or Natural Science courses that satisfy other curricular requirements: BIOL201 and MATH210.

### Computer Engineering Core

ENGG 255	Engineering Design and Economics	3
EECE 200	Linear Circuit Analysis I, w/Lab	4
EECE 205	Linear Circuit Analysis II, w/Lab	4
EECE 240	Digital System Design, w/Lab	4
EECE 250	Intermediate Programming	3
EECE 300	Microelectronic Devices and Circuits I, w/Lab	3
EECE 320	Signals and Systems, w/Lab	3
EECE 323	Fundamentals of Digital Signal Processing	3
EECE 340	Introduction to Microprocessors, w/Lab	3
EECE 345	Computer Architecture, w/Lab	3
EECE 350	Data Structures and Algorithms	3
EECE 355	Software Engineering	3
EECE 360	Computer Networks	3
EECE 399	Field Experience in Computer Engineering	2
EECE 440	Embedded System Design, w/Lab	3
EECE 450	Operating Systems	3
EECE 499	Computer Engineering Design Project	4
<b>Total Computer Engineering Core Requirements</b>		<b>54</b>

### Computer Engineering Electives

Students must complete 15 credit hours of Computer Engineering Electives, with at least 12 credit hours of Primary Electives.

<b>Primary Electives</b>		<b>12-15</b>
EECE 442	Synthesis with HDL	3
EECE 448	Digital Integrated Circuit Design	3
EECE 452	Relational Databases	3
EECE 453	Artificial Intelligence	3
EECE 454	Introduction to Machine Learning	3
EECE 455	Digital Image Processing	3
EECE 457	Mobile Applications	3
EECE 480-489	Special Topics in Electrical and Computer Engineering	3
<b>Secondary Electives</b>		<b>0-3</b>
EECE 305	Microelectronic Devices and Circuits II	3
EECE 326	Communication Systems I, w/Lab	3
EECE 470	Systems and Controls	3
<b>Total Computer Engineering Elective Requirements</b>		<b>15</b>

## Arts and Sciences Core

## Credit Hours

ARAB ELE	Arabic Elective	3
BIOL 201*	Principles of Biology	3
ENGG 140	Introduction to Programming	3
ENGL 101	Composition and Rhetoric	3
ENGL 102	Advanced Composition and Research	3
ENGL 103	Introduction to Literature	3
ISST ELE	Islamic Cultural Studies Elective	3
MATH 210	Calculus I	3
PSPK 101	Public Speaking	3
PHIL 222	Professional Ethics	3
SSCI ELE	Social/Behavioral Sciences Elective	3
UNIV 100	The University Experience	0
WLDC 201	World Cultures I: Cultural Encounters and Historical Transformation or	3
WLDC 202	World Cultures II: Culture and Innovation in a Globalized World	3
<b>Total Arts and Sciences Core Requirements</b>		<b>36</b>

\* Can be substituted by BIOL 202

3

## General Electives

## TOTAL B.S.COMP.E. DEGREE REQUIREMENTS

137

### B.S.Comp.E. Course Sequencing

All candidates for the B.S.Comp.E. degree should adhere to the following course sequencing:

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE ENGL 101 MATH 210 PHYS 201 UNIV 100	CHEM 201 ENGG 140 ENGL 102 MATH 220 PHYS 202	
<b>Year II</b>	BIOL 201 or BIOL 202 EECE 200 EECE 250 ENGL 103 MATH 230 MATH 231	EECE 205 EECE 240 ENGG 222 MATH 250 PSPK 101	
<b>Year III</b>	EECE 300 EECE 320 EECE 340 EECE 350 ENGG 255 ENGG 300	EECE 323 EECE 345 EECE 355 EECE 360 CompE ELE ISST ELE	EECE 399
<b>Year IV</b>	EECE 440 EECE 450 CompE ELE CompE ELE PHIL 222 SSCI ELE	EECE 499 CompE ELE CompE ELE GEN ELE WLDC 201 or 202	

#### Legend:

ARAB: Arabic

CompE: Computer Engineering

ELE: Elective

GEN: General

ISST: Islamic Cultural Studies

For course code legends, please see p. 179

## Minor in Computer Science

The minor in Computer Science is open to all students, except those majoring in Computer Engineering. This minor allows students to enhance their knowledge in Computer Science and Engineering to meet the multidisciplinary needs of modern technology. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. A course may not be used to fulfill the requirements of more than one minor. To complete the Minor in Computer Science, students must earn a minimum of **15 credit hours** from the following list of courses:

Course		Credit Hours
EECE 345	Computer Architecture, w/Lab	3
EECE 350	Data Structures and Algorithms	3
EECE 355	Software Engineering	3
EECE 360	Computer Networks	3
EECE 440	Embedded System Design, w/Lab	3
EECE 450	Operating Systems	3
EECE 452	Relational Databases	3
EECE 455	Digital Image Processing	3
EECE 457	Mobile Applications	3
MATH 250	Discrete Mathematics	3
<b>TOTAL MINOR REQUIREMENTS</b>		<b>15</b>

## Minor in Artificial Intelligence

The minor in Artificial Intelligence (AI) is open to all students. This minor provides students with a foundational understanding of artificial intelligence and its applications across various disciplines. By pursuing a minor in AI, students can gain knowledge and skills that complement their primary field of study while also developing expertise in this rapidly growing and important field. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. A course may not be used to fulfill the requirements of more than one minor. To complete the Minor in AI, students must earn a minimum of **15 credit hours** from the following list of courses:

Minor Core		Credit Hours
Students must complete the following courses:		
EECE 250	Intermediate Programming	3
EECE 350	Data Structures and Algorithms	3
EECE 453	Artificial Intelligence	3
EECE 454	Introduction to Machine Learning	3
<b>Total Minor Core Requirements</b>		<b>12</b>

### Minor Electives

Students must complete at least 3 credits from the following courses:

PHIL 225	Ethics and Artificial Intelligence	3
DDFT 442	Artificial Intelligence in Architecture	3
BUSI 331	Management of Information Systems	3
<b>Total Minor Electives Requirements</b>		<b>3</b>

<b>TOTAL MINOR REQUIREMENTS</b>		<b>15</b>
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## BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING (B.S.E.E.) PROGRAM

### *Program Mission*

To prepare a culturally diverse student body for successful professional careers grounded in strong engineering knowledge, a culture of innovation, and an awareness of the global societal, economic, and environmental contexts within which electrical engineering

decisions are made.

### *Program Goals*

In support of its mission, the Electrical Engineering Program strives to produce graduates who will

1. Pursue successful professional careers in electrical engineering or related fields while remaining technically current through graduate education and professional engagement;
2. Excel as leaders, team members, communicators, and innovators in collaborative multicultural environments; and,
3. Benefit society by practicing their profession responsibly and ethically, and sharing their knowledge through training and mentorship opportunities.

### *Program Learning Outcomes*

Electrical Engineering graduates will be able to

1. Identify, formulate, and solve complex electrical engineering problems by applying principles of engineering, science, and mathematics;
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
3. Communicate effectively with a range of audiences, through oral, written, graphic, and electronic channels;
4. Make informed engineering decisions, guided by ethical and professional responsibility, and considering the global impact of engineering solutions on the economy, environment, and society;
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
6. Develop and conduct experiments, analyze and interpret data, and use engineering judgment to draw conclusions; and,
7. Acquire and apply new knowledge as needed, using appropriate learning strategies such as self-regulated learning, experimentation, and cooperative learning.



## Curriculum/Courses

Mathematics/Natural Sciences*		Credit Hours
CHEM 201	General Chemistry	3
ENGG 222	Numerical Methods in Engineering, w/Lab	3
ENGG 300	Probability and Random Variables	3
MATH 220	Calculus II	3
MATH 230	Linear Algebra and Complex Variables	3
MATH 231	Differential Equations	3
MATH 240	Multivariable Calculus	3
PHYS 201	Introductory Physics I, w/Lab	4
PHYS 202	Introductory Physics II, w/Lab	4
<b>Total Mathematics/Natural Sciences Requirements</b>		<b>29</b>

\* The following are additional Mathematics or Natural Science courses that satisfy other curricular requirements: BIOL 201 and MATH 210.

### Electrical Engineering Core

EECE 200	Linear Circuit Analysis I, w/Lab	4
EECE 205	Linear Circuit Analysis II, w/Lab	4
EECE 240	Digital System Design, w/Lab	4
EECE 250	Intermediate Programming	3
EECE 300	Microelectronic Devices and Circuits I, w/Lab	3
EECE 305	Microelectronic Devices and Circuits II	3
EECE 310	Applied Electromagnetics I	3
EECE 315	Applied Electromagnetics II, w/Lab	3
EECE 320	Signals and Systems, w/Lab	3
EECE 323	Fundamentals of Digital Signal Processing	3
EECE 326	Communications Systems I, w/Lab	3
EECE 330	Electric Power Systems, w/Lab	3
EECE 340	Introduction to Microprocessors, w/Lab	3
EECE 398	Field Experience in Electrical Engineering	2
EECE 470	Systems and Controls	3
EECE 498	Electrical Engineering Design Project	4
ENGG 255	Engineering Design and Economics	3
<b>Total Electrical Engineering Core Requirements</b>		<b>54</b>

### Electrical Engineering Electives

Students must complete 15 credit hours of Electrical Engineering Electives, **with at least 12 credit hours of Primary Electives.**

<b>Primary Electives:</b>		<b>12-15</b>
EECE 410	Antenna Theory	3
EECE 426	Communication Systems II	3
EECE 428	Wireless Communications	3
EECE 430	Energy Engineering	3
EECE 433	Electric Drives	3
EECE 434	Smart Grid Analysis for Sustainable Energy	3
EECE 435	Power System Protection and Relaying	3
EECE 437	Solar Energy Systems	3
EECE 440	Embedded System Design, w/Lab	3
EECE 448	Digital Integrated Circuit Design	3
EECE 455	Digital Image Processing	3
EECE 480-489	Special Topics in Electrical and Computer Engineering	3

<b>Secondary Electives:</b>		<b>0-3</b>
EECE 345	Computer Architecture, w/Lab	3
EECE 350	Data Structures and Algorithms	3
EECE 360	Computer Networks	3
EECE 442	Synthesis with HDL	3
<b>Total Electrical Engineering Elective Requirements</b>		<b>15</b>

### Arts and Sciences Core

ARAB ELE	Arabic Elective	3
BIOL 201*	Principles of Biology	3
ENGG 140	Introduction to Programming	3
ENGL 101	Composition and Rhetoric	3
ENGL 102	Advanced Composition and Research	3
ENGL 103	Introduction to Literature	3
ISST ELE	Islamic Cultural Studies Elective	3
MATH 210	Calculus I	3
PSPK 101	Public Speaking	3
PHIL 222	Professional Ethics	3
SSCI ELE	Social/Behavioral Sciences Elective	3
UNIV 100	The University Experience	0
WLDC 201	Cultural Encounters and Historical Transformation or	3
WLDC 202	Culture and Innovation in a Globalized World	3
<b>Total Arts and Sciences Core Requirements</b>		<b>36</b>

\* Can be substituted by BIOL 202

3

### General Electives

**TOTAL B.S.E.E. DEGREE REQUIREMENTS** **137**

### B.S.E.E. Course Sequencing

All candidates for the B.S.E.E. degree should adhere to the following course sequencing:

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE ENGL 101 MATH 210 PHYS 201 UNIV 100	CHEM 201 ENGG 140 ENGL 102 MATH 220 PHYS 202	
<b>Year II</b>	EECE 200 EECE 250 ENGL 103 MATH 230 MATH 231 PSPK 101	BIOL 201 or BIOL 202 EECE 205 EECE 240 ENGG 222 ISST ELE MATH 240	
<b>Year III</b>	EECE 300 EECE 310 EECE 320 EECE 340 ENGG 255 ENGG 300	EECE 305 EECE 315 EECE 323 EECE 326 EECE 330 PHIL 222	EECE 398
<b>Year IV</b>	EECE 470 EE ELE EE ELE EE ELE SSCI ELE	EECE 498 EE ELE EE ELE GEN ELE WLDC 201 or 202	

**Legend:**

ARAB: Arabic  
EE: Electrical Engineering  
ELE: Elective

GEN: General  
ISST: Islamic Cultural Studies

For course code legends, please see p. 179



## BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING (B.S.M.E.) PROGRAM

### *Program Mission*

To prepare a culturally diverse student body for successful professional careers grounded in strong engineering knowledge, a culture of innovation, and an awareness of the global societal, economic, and environmental contexts within which mechanical engineering decisions are made.

### *Program Goals*

In support of its mission, the Mechanical Engineering Program strives to produce graduates who will

1. Pursue successful professional careers in mechanical engineering or related fields while remaining technically current through graduate education and professional engagement;
2. Excel as leaders, team members, communicators, and innovators in collaborative multicultural environments; and,
3. Benefit society by practicing their profession responsibly and ethically, and sharing their knowledge through training and mentorship opportunities.

### *Program Learning Outcomes*

Mechanical Engineering graduates will be able to

1. Identify, formulate, and solve complex mechanical engineering problems by applying principles of engineering, science, and mathematics;
2. Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors;
3. Communicate effectively with a range of audiences, through oral, written, graphic, and electronic channels;
4. Make informed engineering decisions, guided by ethical and professional responsibility, and considering the global impact of engineering solutions on the economy, environment, and society;
5. Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives;
6. Develop and conduct experiments, analyze and interpret data, and use engineering judgment to draw conclusions; and,
7. Acquire and apply new knowledge as needed, using appropriate learning strategies such as self-regulated learning, experimentation, and cooperative learning

## Curriculum Courses

Mathematics/Natural Sciences*		Credit Hours
CHEM 201	General Chemistry	3
ENGG 200	Engineering Statistics	3
ENGG 222	Numerical Methods in Engineering, w/Lab	3
MATH 220	Calculus II	3
MATH 230	Linear Algebra and Complex Variables	3
MATH 231	Differential Equations	3
MATH 240	Multivariable Calculus	3
PHYS 201	Introductory Physics I, w/Lab	4
PHYS 202	Introductory Physics II, w/Lab	4
<b>Total Mathematics/Natural Sciences Requirements</b>		<b>29</b>

\* The following are additional Mathematics or Natural Science courses that satisfy other curricular requirements: BIOL 201 and MATH 210

### Mechanical Engineering Core

EECE 201	Electric Circuit Theory	3
EMEC 210	Structure and Properties of Materials, w/Lab	4
EMEC 320	Solid Mechanics I	3
EMEC 330	Fluid Dynamics, w/Lab	4
EMEC 340	Thermodynamics	3
EMEC 345	Heat and Mass Transfer, w/Lab	3
EMEC 350	Design of Mechanical Systems, w/Lab	3
EMEC 360	Electronics and Instrumentation, w/Lab	4
EMEC 365	Control Systems, w/Lab	3
EMEC 399	Field Experience in Mechanical Engineering	2
EMEC 440	Energy Systems, w/Lab	3
EMEC 460	Manufacturing Engineering and Technology	3
EMEC 499	Mechanical Engineering Design Project	4
ENGG 210	Engineering Graphics and Visualization	3
ENGG 255	Engineering Design and Economics	3
ENGG 270	Statics w/Lab	3
ENGG 275	Dynamics	3
<b>Total Mechanical Engineering Core Requirements</b>		<b>54</b>

### Mechanical Engineering Electives

Students must complete 15 credit hours of Mechanical Engineering Electives, **with at least 6 credit hours in each of the areas (Mechanical Systems and Thermofluid Systems)**

<b>Mechanical Systems Electives:</b>		<b>9-15</b>
EMEC 400	Computer-Aided Mechanical Design	3
EMEC 452	Mechanical Vibrations	3
EMEC 455	Mechatronic Systems	3
EMEC 466	Design of Robotic Systems	3
EMEC 480-489	Special Topics in Mechanical Engineering	3
<b>Thermofluid Systems Electives:</b>		<b>0-6</b>
EMEC 433	Turbomachinery	3
EMEC 435	Engineering Aerodynamics	3
EMEC 438	Computational Fluid Dynamics	3
EMEC 444	Design of HVAC Systems	3
EMEC 447	Internal Combustion Engines	3
EMEC 480-489	Special Topics in Mechanical Engineering	3
<b>Total Mechanical Engineering Elective Requirements</b>		<b>15</b>

## Arts and Sciences Core

ARAB ELE	Arabic Elective	3
BIOL 201*	Principles of Biology	3
ENGG 140	Introduction to Programming	3
ENGL 101	Composition and Rhetoric	3
ENGL 102	Advanced Composition and Research	3
ENGL 103	Introduction to Literature	3
ISST ELE	Islamic Cultural Studies Elective	3
MATH 210	Calculus I	3
PSPK 101	Public Speaking	3
PHIL 222	Professional Ethics	3
SSCI ELE	Social/Behavioral Sciences Elective	3
UNIV 100	The University Experience	0
WLDC 201	Cultural Encounters and Historical Transformation or	3
WLDC 202	Culture and Innovation in a Globalized World	3
<b>Total Arts and Sciences Core Requirements</b>		<b>36</b>

\* Can be substituted by BIOL 202

3

## General Electives

### TOTAL B.S.M.E. DEGREE REQUIREMENTS

137

## B.S.M.E. Course Sequencing

All candidates for the B.S.M.E. degree should adhere to the following course sequencing:

	Fall	Spring	Summer
<b>Year I</b>	ARAB ELE ENGG 140 ENGL 101 MATH 210 PHYS 201 UNIV 100	CHEM 201 ENGG 210 ENGL 102 MATH 220 PHYS 202	
<b>Year II</b>	BIOL 201 or BIOL 202 EMEC 210 ENGG 270 ENGL 103 MATH 230 MATH 231	EECE 201 ENGG 200 ENGG 222 ENGG 275 MATH 240 PSPK 101	
<b>Year III</b>	EMEC 320 EMEC 330 EMEC 340 EMEC 360 ENGG 255	EMEC 345 EMEC 350 EMEC 365 EMEC ELE GEN ELE ISST ELE	EMEC 399
<b>Year IV</b>	EMEC 440 EMEC 460 EMEC ELE EMEC ELE SSCI ELE	EMEC 499 EMEC ELE EMEC ELE PHIL 222 WLDC 201 or 202	

### Legend:

ARAB: Arabic

ELE: Elective

GEN: General

For course code legends, please see p. 179

ISST: Islamic Cultural Studies

EMEC: Mechanical Engineering

## Minor in Mechatronics

The minor in Mechatronics is open to students majoring in Computer Engineering, Electrical Engineering, or Mechanical Engineering. This minor allows students to gain a multidisciplinary knowledge in mechanical, electrical/electronic engineering, and computer science. Students wishing to pursue the minor are responsible for completing all course prerequisites or establishing prerequisite equivalency. A course may not be used to fulfill the requirements of more than one minor. To complete the Minor in Mechatronics, students must earn a minimum of **15 credit hours** as per the following requirements:

### MINOR IN MECHATRONICS FOR MECHANICAL ENGINEERING STUDENTS

Minor Core		Credit Hours
EMEC 455	Mechatronic Systems	3
EMEC 475	Advanced Mechatronic Systems	3
<b>Total Minor Core Requirements</b>		<b>6</b>

Minor Electives		Credit Hours
EECE 440	Embedded System Design, w/Lab	3
EECE 453	Artificial Intelligence	3
EMEC 400	Computer Aided Mechanical Design	3
EMEC 452	Mechanical Vibrations	3
EMEC 466	Design of Robotic Systems	3
<b>Total Minor Electives Requirements</b>		<b>9</b>

**TOTAL MECHATRONICS MINOR REQUIREMENTS** 15

### MINOR IN MECHATRONICS FOR ELECTRICAL ENGINEERING STUDENTS

Students opting for the Mechatronics minor must complete following courses:

EMEC 455	Mechatronic Systems	3
EMEC 466	Design of Robotic Systems	3
EMEC 475	Advanced Mechatronic Systems	3
ENGG 270	Statics w/Lab	3
ENGG 275	Dynamics	3
<b>TOTAL MECHATRONICS MINOR REQUIREMENTS</b>		<b>15</b>

### MINOR IN MECHATRONICS FOR COMPUTER ENGINEERING STUDENTS

Students opting for the Mechatronics minor must complete the following courses below:

EECE 470	Systems and Controls	3
EMEC 455	Mechatronic Systems	3
EMEC 475	Advanced Mechatronic Systems	3
ENGG 270	Statics w/Lab	3
ENGG 275	Dynamics	3
<b>TOTAL MECHATRONICS MINOR REQUIREMENTS</b>		<b>15</b>



Inspiring Excellence  
in Communications  
Worldwide

## IAA CERTIFICATE IN MARKETING COMMUNICATIONS

The Advertising and Integrated Marketing Communications and Advertising Majors offered by the **School of Business** and **Visual Communication Department** lead to the degrees of B.B.A. and B.F.A. respectively.

The requirements for these degrees are detailed in the appropriate sections of this *Catalog* (see *Business Administration* and *Visual Communication Degree Requirements*).

**As these programs are accredited by the IAA in New York, students who complete degree requirements receive upon graduation an IAA Certificate in Marketing Communications in addition to their AUD degree.** This is an internationally recognized Certificate which reflects that the student's undergraduate program meets IAA requirements. Several current and past practitioners teach in AUD's program, ensuring that curricula remain up-to-date and that students have ample contact with the marketing communications industry prior to graduation. An internship is required of all candidates for the B.B.A./B.F.A. degrees.

**Pursuance of the Certificate is also open to working professionals** who must complete the required Major/other courses and (in the case of business students) pass the comprehensive exam. Courses taken at another university may count towards the Certificate.

## Business Track

All candidates for the IAA Certificate in Marketing Communications must complete the following:

Courses		Credit Hours
MKTG 371	Digital Marketing or	
AIMC 201	Principles of Advertising and Integrated Marketing Communications	3
AIMC 491	Special Topics in IMC	3
AIMC 331	Historic and Contemporary Issues in Advertising and IMC	3
AIMC 401	Creative Strategy and Rhetoric	3
AIMC 411	Media Planning	3
AIMC 421	Strategic Planning and Measurement for Advertising and IMC	3
AIMC 431	Campaign Development and Evaluation	3
AIMC 481	Study Internship	3
BUSI 201	Business Communications	3
BUSI 321	Business in the International Environment	3
MGMT 499	Strategic Management	3
MKTG 201	Principles of Marketing	3
MKTG 401	Consumer Behavior	3
<b>Total Requirements</b>		<b>39</b>

## Creative Track

All candidates for the IAA Certificate in Marketing Communications must complete the following:

Courses		Credit Hours
AIMC 201	Principles of Advertising and Integrated Marketing Communications	3
AIMC 421	Strategic Planning and Measurement for Advertising and IMC	3
AIMC 431	Campaign Development and Evaluation	3
BUSI 101	Introduction to Business	3
MKTG 201	Principles of Marketing	3
VCAD 202	History of Advertising	3
VCAD 251	Visualization in Advertising	3
VCAD 301	Typography in Advertising	3
VCAD 302	Layout in Advertising	3
VCAD 351	Copywriting in Advertising	3
VCAD 352	Execution, Production and Presentation	3
VCAD 353	IMC Creative Conception	3
VCDM 201	Fundamentals of Web Design	3
<b>Total Requirements</b>		<b>39</b>

**Several of the above courses have prerequisites. Students should consult this Undergraduate Catalog for details. These may be waived provided that a candidate's academic experience indicates the level of prior preparation required to follow the course without handicap. The Chair of the Visual Communication Department will make the decision regarding prerequisite waivers (if any).**



# AUD | CfEP

## Center for English Proficiency

### Center for English Proficiency (CfEP)

For students whose English language skills need improvement, AUD's Center for English Proficiency (CfEP) offers a non-credit English Bridge Program (ENGB). The ENGB builds general English proficiency **as well as** develops the English skills necessary in an **academic** environment. It is designed for students whose goal is to enter the university, but it is also open for people preparing to enter careers requiring English proficiency, for working professionals, and for those seeking general English skills development. **Upon successful completion of this program, students may apply for admission to the university with the status of degree candidate. Those meeting AUD's admissions requirements will be accepted.**

### *Mission of the Center*

The mission of the Center for English Proficiency is to provide non-native English-speaking students with the English language education that they need to succeed academically, professionally, and/or socially. The program promotes cultural awareness, citizenship, critical thinking, and ethical behavior, in addition to effective communication.

# THE ENGLISH BRIDGE PROGRAM

## Program Goals

- To provide students the opportunity to develop into responsible learners by enhancing their critical and intellectual activity through academic and social experiences;
- To improve each student's ability to read, write, and recognize organizational patterns within the English language;
- To improve each student's ability to use English effectively in its cultural context by developing the appropriate communication approach and increasing cultural awareness;
- To foster critical thinking and ethical behavior;
- To encourage students to become active participants in the learning process; and,
- To prepare students for TOEFL®, ACCUPLACER™ and Academic IELTS™ exams in English proficiency.

## Program Learning Outcomes

At the completion of the English Bridge Program, students will be able to:

- Demonstrate orally and in writing the ability to think critically by bringing together evidence in support of an argument;
- Exemplify efficient writing and reading abilities by producing and understanding multiple diverse perspectives in a set framework;
- Demonstrate ideas by speaking extemporaneously in a social or academic environment;
- Demonstrate the ability to learn new words and recognize parts of speech in various word forms; and,
- Respond to questions that call for reasoned analysis of given information.

## The English Bridge Structure

The English Bridge Program prepares students for entry into an academic degree program by developing the English-language skills of reading, writing, listening, and speaking.

There are two levels of instruction in the English Bridge: ENGB 098 (intermediate) and ENGB 099 (advanced). English Bridge students study in instructor-guided classes for five hours (ENGB 098) and three hours (ENGB 099) daily, Monday through Friday. Each course is approximately fifteen weeks in Fall and Spring, and approximately seven weeks in Summer I.

Initial placement in the English Bridge Program is determined by International TOEFL® + TWE, Internet-based TOEFL®, International IELTS™, EmSAT, or ACCUPLACER™, an online test administered at AUD.

- Entrance requirements for ENGB 098: Complete Admissions Checklist + International TOEFL® score of 400 with a TWE score of 2.0, Internet-based TOEFL® score of 32 with a writing section score of 10-13, International IELTS™ score of 4.5 with a writing section score of 4.5, EMSAT score of 950 with a writing score of A2+, or placement through ACCUPLACER™.
- Entrance requirements for ENGB 099: Prerequisite of ENGB 098 with a grade of P+/P or a complete Admissions Checklist + International TOEFL® score of 460 with a TWE score of 2.5, Internet-based TOEFL® score of 48 with a writing section score of 14-16, International IELTS™ score of 5.5 with a writing section score of 5.5, EMSAT score of 1250 with a writing score of B1, or placement through ACCUPLACER™.

Students who successfully complete the English Bridge Program with International TOEFL® score of 500, Internet-based TOEFL® score of 61, International IELTS™ score of 6, or EMSAT score of 1400 will be accepted as degree candidates. Separate writing sections scores will not be required.

Students enrolled in the English Bridge courses must successfully satisfy all course requirements with a grade of "P" or higher to advance course levels.

## Center for English Proficiency Attendance Policy

English Bridge and Intensive English Language students who miss seven classes or more will be automatically withdrawn from the course and a grade of "W" will be reported to the Registrar.

## The English Bridge Program Dismissal

Students who fail, withdraw, or are withdrawn from an ENGB course three times, or who do not complete the English Bridge within two academic years, will be dismissed from the Bridge Program. Students will be given the chance to write a petition and provide a credible reason why they were unable to succeed in a particular course, and this petition will be taken into consideration by the Program Coordinator and the English Division Head.

**Note:** The petition needs to be submitted at least one week prior to the beginning of Drop/Add period for the term for which the student desires to register.

## Developmental Math and The University Experience

Students enrolled in the English Bridge Program may also enroll in UNIV 100: *The University Experience* and one Developmental Math course (MATH 090, MATH 095, MATH 103, or MATH 104 depending on program of study) per semester.

## THE INTENSIVE ENGLISH LANGUAGE PROGRAM

Students who do not meet the requirements for enrollment in the English Bridge Program may enroll in IELP 097, ENGB 098 or ENGB 099 depending on their English placement exam score. These students would be classified as following the Intensive English Language Program (IELP) and would be required to pass each course in the sequence in order to progress to the next level. This track is for students who do not intend or do not meet the requirements to pursue an undergraduate degree program at the university. Should such students at any point during their time in the IELP decide to apply to the university, they would need to follow the regular application process for admission.

The English Bridge Program and Intensive English Language students have not been accepted into the university as degree candidates.

## CENTER FOR ENGLISH PROFICIENCY COURSE DESCRIPTIONS

### IELP 097 | LOW INTERMEDIATE INTENSIVE ENGLISH

**Prerequisite:** Placement by International TOEFL® + TWE, Internet-based TOEFL®, International IELTS™, EMSAT, ACCUPLACER™, or with permission of Program Coordinator. Limited English is assumed.

IELP 097 introduce students to the English-language skills of reading, writing, listening, and speaking at a low intermediate level. This course helps students begin to develop practical and academic vocabulary and reading skills, learn to write grammatically correct sentences and paragraphs, and build confidence in understanding and speaking English.

It is assumed that an incoming student can:

- Understand and identify the main ideas in simple narrative, discursive, and academic texts;
- Write simple paragraphs that clearly describe past, present, and future experiences, make comparisons, and express opinions;
- Identify the main points and details in a simple dialogue, explanation, or narrative when spoken slowly and clearly;
- Use simple language to tell a story, describe events, and express opinions and emotions; and,
- Interact verbally with others in routine contexts, asking and answering questions, making suggestions, and giving and understanding instructions.

### ENGB 098 | INTERMEDIATE ENGLISH BRIDGE

**Prerequisite:** Placement by International TOEFL® + TWE, Internet-based TOEFL®, International IELTS™, EMSAT, or ACCUPLACER™

ENGB 098 introduces students to the English-language skills of reading, writing, listening, and speaking at an intermediate level. This course helps students acquire the vocabulary, grammar skills, and critical reading strategies needed for academic success. Students will develop reliable study and note-taking habits, the confidence to deliver oral presentations, and the writing skills needed to compose thoughtful, well-developed, and unified multi-paragraph texts.

Upon completion of this course students will be able to:

- Recognize the main ideas in simple narrative, discursive, and academic texts, distinguishing between main ideas and supporting details;

- Write simple, structured multi-paragraph texts on a range of familiar topics and for a variety of purposes ;
- Identify a speaker’s main idea and supporting examples in a presentation intended for a general audience;
- Deliver an oral presentation that summarizes and responds to the views of others, developing a simple argument that is supported by reasons and examples; and,
- Demonstrate basic competence in understanding and using level-appropriate vocabulary and grammar in a range of routine and academic contexts.

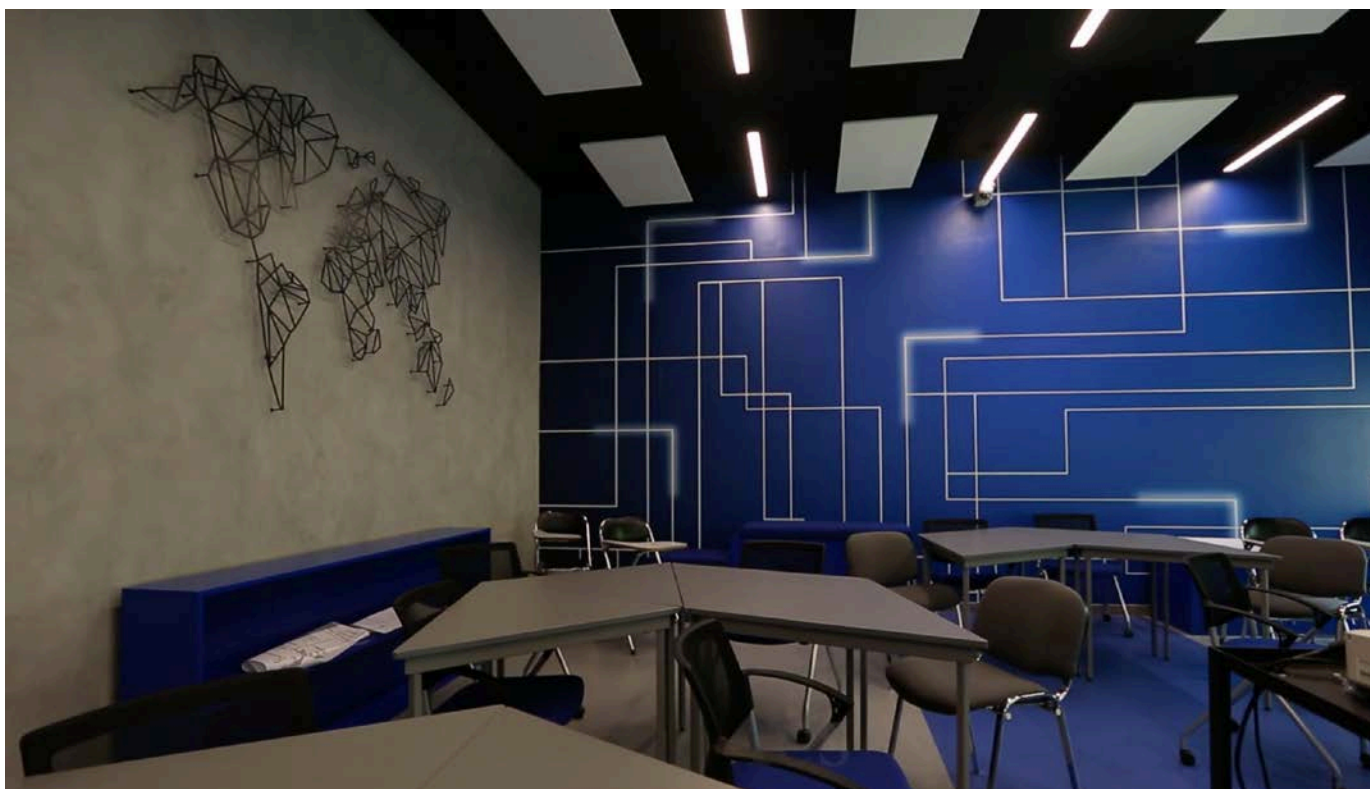
### **ENGB 099 | ADVANCED ENGLISH BRIDGE**

**Prerequisite: ENGB 098 with a grade of P+/IP or placement by International TOEFL® + TWE, Internet-based TOEFL®, International IELTS™, EMSAT, or ACCUPLACER™**

ENGB 099 introduces students to the English-language skills of reading, writing, listening, and speaking at an advanced level. This course helps students develop the listening and speaking skills needed for university success, such as note-taking from lectures, writing reports, and making formal presentations; assists students in developing their university level academic English vocabulary and reading strategies; and teaches students to write university-level essays that use grammatically correct sentence structures in coherent, well-developed paragraphs.

Upon completion of this course students will be able to:

- Analyze the purpose and meaning of simple narrative, discursive, and academic texts, identifying the main line of argument and/or development of a central theme;
- Write simple, structured academic essays in a variety of rhetorical modes that adhere to the conventions of Standard Written English;
- Recognize lines of argument, organizational structure, inferred meaning, and emphasis through intonation and stress in a presentation intended for an academic audience;
- Deliver an effective oral presentation that summarizes information from multiple sources, develops a focused argument, and demonstrates a clear sense of organization; and,
- Demonstrate basic competence in understanding and using level-appropriate grammar for academic reading and writing purposes.



## CENTERS AT AUD

Serving the Community at large as a source of expertise from within the AUD faculty members, AUD's different centers offer services ranging from training and consultancy to research projects within their respective sectors.

- Center for Executive Programs and Professional Services (CEPPS)
- Center for Entrepreneurship and Innovation (AEIC)
- Center for Research, innovation and Design (CRID)
- Infrastructure Sustainability and Assessment Center (ISAC)
- Center of Excellence for Smarter Logistics
- Middle East Cities Center

## ***Center for Executive Programs and Professional Services (CEPPS)***

CEPPS is the business and professional outreach arm of The American University in Dubai. CEPPS programs and services encompass the entire range of expertise resident at AUD, as well as world-class expertise made available through knowledge partnerships and alliances with leading international providers of executive education and professional know-how.

### **Mission**

The mission of CEPPS is to provide top quality executive education, training, professional development and consulting services to private and public sector organizations in the UAE, the GCC region and the wider Middle East.

### **Customized Courses**

All CEPPS courses are customized to suit the specific needs of each organization. CEPPS courses are designed to ensure that they deliver professional development outcomes that closely match the organization's desired results.

### **Consultancy**

CEPPS provides consulting services to corporations and public sector organizations by utilizing the expertise available in AUD's different schools and academic departments. This resident expertise covers a wide range of professional areas and specializations. Additionally, for both customized courses and consultancy, external expertise can also be made available through CEPPS's knowledge partnerships and alliances with leading international providers of executive education and professional know-how.

More detailed information is available on the CEPPS website: <https://cepps.aud.edu>.

## ***Center for Entrepreneurship and Innovation (AEIC)***

AUD Center for Entrepreneurship and Innovation (AEIC) aims at developing business startups and graduating young entrepreneurs, with a mindset to start their own business. AEIC provides its members, with a diverse ecosystem that connects minds and nurtures innovative ideas. The Center provides young entrepreneurs with opportunities for entrepreneurship mentoring, training, technical advice, project and trade license support, and startup services that help them develop products and services.

### **Policies and Procedures**

The following section and subsections cover the policies and procedures that govern the operational processes in the "AUD Center for Entrepreneurship and Innovation (AEIC)".

### **Admission and Success Criteria**

The Center supports an Entrepreneurship and Innovation (E&I) path available to all students as of their first year of university studies. Students majoring in any academic discipline can pursue the E&I path in parallel to their programs of study. Each academic school within AUD equates the E&I path requirements to a number of course-work credits. The current requirements for the E&I path, subject to change according to AUD educational requirements, are:

1. **BUSI 121 – Entrepreneurship and Innovation**: a basic course in design thinking and ideation. This course has no pre-requisite and is available to students as of their first year. Besides training students in design thinking, this course introduces them to a network of partners for additional supporting services, entrepreneurship-related related workshops and events.
2. **BUSI 251 – Entrepreneurship Startup Project**: a course on entrepreneurship startups. Students need to complete BUSI121 before progressing to this level. There is an Alternate Pathway\* entry for those who do not complete/have the pre-requisite. In the course, they must produce a minimum viable product business for their start-up and pitch it to an Evaluating Committee, under the guidance of internal and external mentors. The Evaluating Committee validates the business idea and decides whether the proposal by the students qualifies for a business license. At this point, students may have secured initial funds to initiate their start-up companies.

Program	BUSI 121: Entrepreneurship and Innovation	BUSI 251: Startup Entrepreneurship Project
Bachelor of Architecture (B.Arch.)	General Elective	Professional Elective
Bachelor of Fine Arts (B.F.A.) in Interior Design	General Elective	Professional Elective
Bachelor of Fine Arts (B.F.A.) in Visual Communication	Professional Elective	Professional Elective
Bachelor of Science in Biology (B.S.)	General Elective	General Elective
Bachelor of Arts in International Studies (B.A.I.S.)	General Elective	General Elective
Bachelor of Arts in Psychology (B.A.)	General Elective	General Elective
Bachelor of Business Administration (B.B.A.)	General Elective	Major Elective
Bachelor of Communication and Information Studies (B.C.I.S.)	Will replace BUSI 101	Business Elective (BUSI ELE)
Bachelor of Science in Civil Engineering (B.S.C.E.)	General Elective	Will count as additional course to degree requirement
Bachelor of Science in Computer Engineering (B.S.COMP.E.)	General Elective	Will count as additional course to degree requirement
Bachelor of Science in Electrical Engineering (B.S.E.E.)	General Elective	Will count as additional course to degree requirement
Bachelor of Science in Mechanical Engineering (B.S.M.E.)	General Elective	Will count as additional course to degree requirement

**Launching and managing a start-up company.** Students whose startup ventures are vetted by the Evaluation Committee will receive their business licenses through a seamless process, and get a co-working desk in the AEIC. They use the space and business license to launch and manage their start-up companies, under the mentorship of industry professionals and academics affiliated with the AEIC.

*\*This is an evaluation done for all students with an idea by addressing/and it happening during the semester.*

### Mentorship

Students who join the incubation program must have internal mentors from the academic body or external mentors from the industry to guide them through the incubation phases. The mentor provides technical and/or business advice to students as they proceed through the incubation phases.

### Program Duration

A student joining the incubation program is eligible to use the AEIC facilities throughout his/her tenure at AUD, during which he/she may have access to a network of mentors, investors, and other activities.

### Facilities

The AEIC is originally housed on AUD campus in the EMBA Building. It includes a versatile and modular workspace to be configured for brainstorming, training, meeting, demo and other work-related activities based on need. There may also be other locations for the center that are provided by the university or negotiated with other entities.

### Intellectual Property

The objective of the AEIC is to support students and entrepreneurship. In order to do that the AEIC will endeavor to reach the objective that successfully incubated company are fully owned by the founding students. Mentors will be entitled to a royalty rate that must be negotiated, a priori, with the student(s). Negotiations will be arbitrated by the AEIC, and final agreement must fall within certain reasonable limits as defined by the AEIC.

### Funding

Students may seek funds from a variety of sources to launch their incubated companies. The AEIC will support the students and may arbitrate the funding process and provide contract templates for the following list of legitimate funding sources:

- Angel investors
- Venture capital funds
- Bank loans

- Friends and family
- Government grants
- Industry partnerships
- Others

## **Center for Research, Innovation and Design (CRID) – School of Architecture, Art and Design (SAAD)**

### **Mission**

The mission of the Center for Research, Innovation, and Design (**CRID**) is to become the premier platform in Dubai that delivers high standards research, innovation, and design in the field of Architecture, Interior Design and Visual Communication. The CRID is an Explore-Imagine-Create-Learn environment that will serve and reach out to local, regional, and global communities and will offer continuing education and training opportunities to the larger public of the UAE.

### **Activities & Services**

As part of AUD’s commitment to continuing pursuit of academic excellence the CRID will focus on the below four main areas of expertise;

#### **Research <Explore>**

- Support faculty in their pursuit of scholarly activities
- Assist and lead faculty in their plan to acquire and secure research grant funding
- Engage in research studies with public, private, and civic entities
- Disseminate research output in local and international journals, conferences, seminars and fora

#### **Innovation <Imagine>**

- Organize design competitions in SAAD related fields
- Identify, vet and pitch innovative ideas internally and to potential entrepreneurs in related fields
- Disseminate innovative outputs in local, regional, and global exhibitions
- Patent licensing agreements of innovations and products with partners and stakeholders

#### **Design <Create>**

- Produce design schemes and products in the fields of Architecture, Interior and Graphic Design, as well as advertising, Digital Media and Art
- Disseminate design output in local and international journals, conferences, seminars, and exhibitions
- Address needs of government and private agencies in the area of design and products
- Offer internship to the SAAD students in their respective fields

#### **Education & Training <Learn>**

- Offer training, workshops, and courses (including online) for the larger community in the UAE and the region
- Administer certification exams such as software Applications to SAAD related fields

### **Leadership**

The CRID will comprise of the below that will be growing based on the SAAD’s resources and needs;

- Director
- Committee: composed mainly of faculty from SAAD

### **Structure**

The Director of CRID and committee work together with the SAAD faculty to achieve the outcome of all predetermined activities and tasks.

### **Facilities**

Open and flexible meeting space is a key component for the CRID. In addition to the area dedicated to the center within the School of Architecture, Art, and Design, the center will have access to facilities, technologies, and equipment that are available at the SAAD, including but not limited to, virtual reality headsets and mat, 3D printers, laser cutters, studios, labs and classrooms.



## Operation

As a facility within the School of Architecture, Art & Design (SAAD), the CRID will operate as a vehicle of collaboration among all faculty, staff, students, and alumni of the school and will provide a timeshared space with specific operational period based on recommendations and needs. The SAAD community can work as either individuals or groups and utilize the facility with other resources within the school and the university at large.

## Infrastructure Sustainability and Assessment Center (ISAC)

The Infrastructure Sustainability and Assessment Center (ISAC) is the leading source for regional expertise in material durability and service life assessment. The Center serves both academia and the industry and builds upon the expertise of internationally-renowned researchers and professionals, as well as the wealth of data and information on performance of constructed facilities and durability of advanced construction materials in Dubai.

## Mission

The mission of the Infrastructure Sustainability and Assessment Center is to provide the professional engineering community with state-of-the-art knowledge and expertise for a sustainable physical infrastructure.

In support of its mission, the Center provides and seeks opportunities for academic-industry collaboration, applied research, and technology transfer. The Center also offers continuing education courses in areas such as construction material durability, non-destructive testing, lifecycle assessment of physical infrastructure, and structural health monitoring and repair.

## Research and Services

ISAC provides a broad range of professional services, spanning pre- and post-construction of engineering facilities. Examples of the services provided by the Center include:

- Pre-construction review of project specifications and QA/QC plans;
- Pre-construction review of geotechnical reports and recommendations for foundation design;
- Review of structural and geotechnical designs, and analysis of structural and foundation systems using state-of-the-art software;
- Recommendations and professional input regarding local materials and environments and regional requirements;
- Assessment of the service life of structural elements using computer models, based on local environmental inputs;
- Monitoring and assessment of concrete durability-related issues such as corrosion of reinforcing steel and sulfate attack;
- Assessment of the service life of structural elements based on used materials and structural details (e.g. concrete cover over reinforcing steel; use of steel liners);
- Diagnosis and recommendations for repair alternatives related to concrete performance, from selection of mix proportions and concrete production to performance under different environmental conditions;
- Diagnosis and recommendations for repair alternatives for superstructures and foundation systems;
- Review of construction processes in terms of compliance with standards and best practices; and,
- Review and monitoring of project safety, productivity, and construction management processes.

The Center is carrying out a number of research projects in the following areas:

- Optimization of mix design and chemical additives to improve durability of concrete materials in sulfate- and chloride-rich environments;
- Modeling and assessment of service life of concrete materials in coastal and offshore structures;
- Predictive models for rate of corrosion of steel reinforcement;
- Ground improvement and reduction of liquefaction susceptibility of reclaimed land deposits; and,
- Characterization of the stress-deformation characteristics of weathered limestone and sandstone,

The research is supported by industrial partners, government agencies, and non-profit foundations.

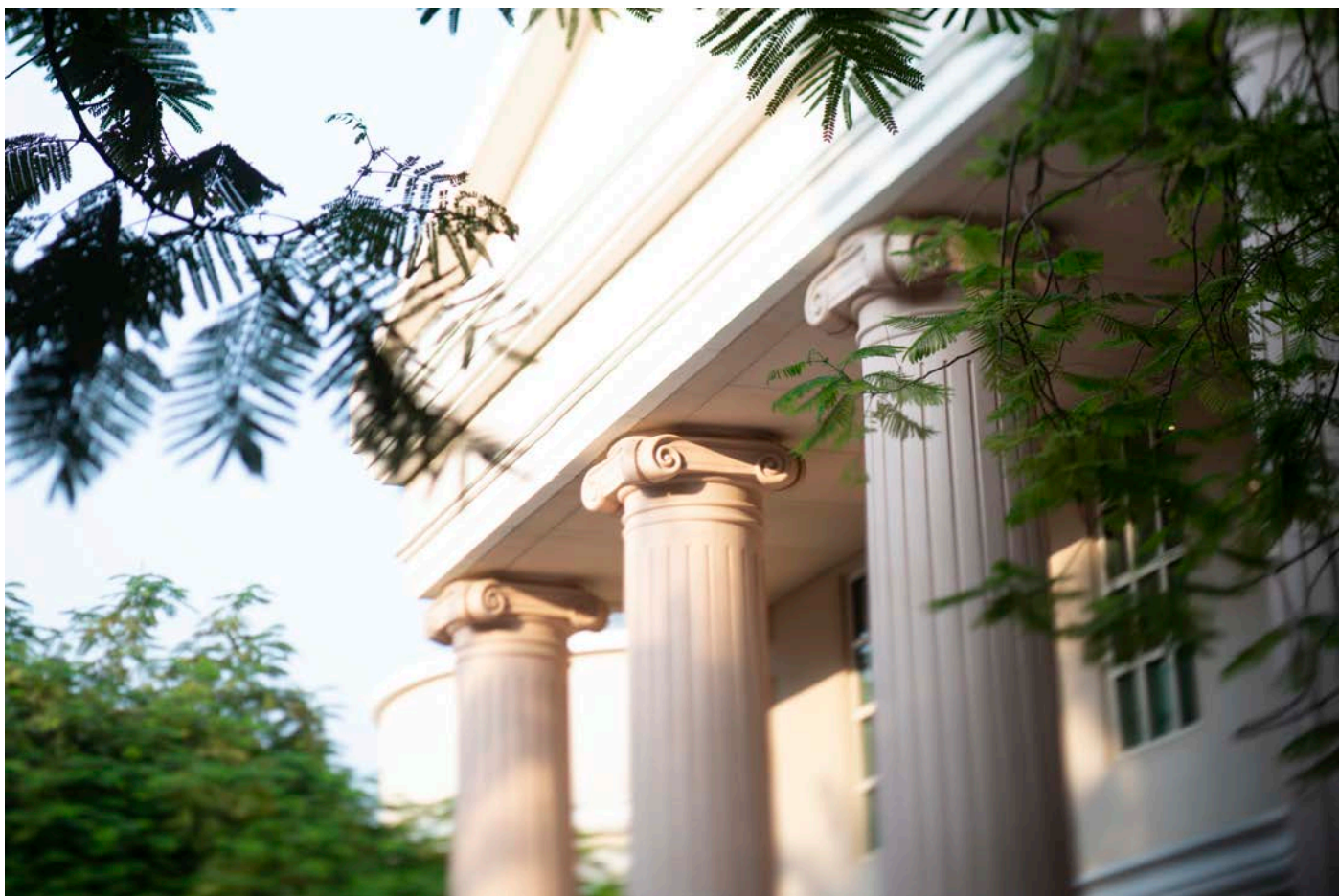
## *Center of Excellence for Smarter Logistics*

The AUD-IBM Center of Excellence for Smarter Logistics has a physical address. Projects do not need to be in the supply chain field, as logistics overlaps with several fields. The room serves several objectives, hence its versatile design. It can be set as a board room with 18 seats, a venue for concurrent break-out sessions in separate groups of three teams (six people each) and a classroom conducive for group discussions or even formal lectures (if needed). All these configurations can be made on-demand in a few minutes. From a technology perspective, the room is connected to IBM Cloud and has access to the majority of IBM tools and services (normally available for special education partners). The most important aspect is having access to IBM talent and labs for collaborations on mutual projects. Faculty are encouraged to use the center as a means to inspire professional collaborations with other entities in the IBM ecosystem (e.g., clients, universities, labs, etc.)

## *Middle East Cities Center*

### **OBJECTIVES**

- Develop applied research in partnership with industry on topics related to sustainability, resilience, competitiveness and future of cities
- Provide consultancy work to government entities and the private sector to advance work in Sustainability Development Goals (SDGs) field.
- Develop publications on best practices for urban policies and practices in private and public sectors
- Partner with international bodies to carry out projects of mutual interest
- Engage AUD's faculty and students with practical projects in collaboration with industry and international organizations
- Organize international conferences, seminars and webinars



## **Undergraduate Course Descriptions**

## Course Code Legend

### Numbering

00-100	Developmental Courses
100-199	Freshmen Courses
200-299	Sophomore Courses
300-399	Junior Courses
400-499	Senior Courses

This Legend generally applies. Students should consult their advisors to discuss specific exceptions.

### Code

ACCG	Accounting	HUMN	Humanities
AIMC	Advertising and Integrated Marketing Communications	IDEL	Interior Design Professional Elective (Transfer-in)
ANTH	Anthropology	IDES	Interior Design
ARCH	Architecture	IELP	Intensive English Language Program
ARTS	Fine Arts	INST	International Studies
BDSC	Business Analytics	ITAL	Italian
BIOL	Biology	JOUR	Journalism
BUEL	Business Professional Elective (Transfer-in)	MATH	Mathematics
BUSI	Business	MEST	Middle-Eastern Studies
CABR	Course Abroad	MGMT	Management
CHEM	Chemistry	MKTG	Marketing
COMM	Communication	PHIL	Philosophy
COMP	Computer Information Systems	PHYS	Physics
DDFT	Digital Design and Fabrication Technology	POLS	Political Science
DESI	Design	PSYC	Psychology
DPST	Digital Production and Storytelling	QUAN	Quantitative Methods
ECON	Economics	SCIE	Natural Sciences
ECVL	Civil Engineering	SOCI	Sociology
EECE	Computer/Electrical Engineering	SPAN	Spanish
EMEC	Mechanical Engineering	SSCI	Social Sciences
ENGB	English Bridge	UNIV	The University Experience
ENGG	Engineering	VCAD	Advertising
ENGL	English	VCCC	Visual Communication
FINA	Finance	VCDM	Digital Media
FREN	French	VCGD	Graphic Design
GEOG	Geography	VCPH	Photography
HIST	History	VCST	Studio Art
		WLDC	World Cultures

### Hours

Where relevant, the Courses carry the following hours' legend:  
**(lecture – lab, studio, field work – credits)**

### Frequency

The frequency of the course offering is indicated per the following legend:

<b>F</b> = Fall	<b>S</b> = Spring
<b>SI</b> = Summer I	<b>SII</b> = Summer II

### Prerequisites

If a course does not list a prerequisite, that means that students are allowed to register without previous specific coursework. However, students should be mindful of the considerations made under *English as a Prerequisite* on p. 72 and any other course sequencing advice provided by an Academic Advisor.

### **ACCG 201 | PRINCIPLES OF FINANCIAL ACCOUNTING (3-0-3)**

**Prerequisites:** *BUSI 101, MATH 200 | F, S, SI, SII*

This introductory course focuses on external financial reporting, providing a general overview of basic financial statements and the accounting process that produces them. This course covers topics such as the nature and purpose of accounting and accounting information, fundamental accounting concepts, principles and methods, the accounting cycle, accounting for current and fixed assets, introduction to liability and owners' equity, with emphasis on sole proprietorship and partnership accounts, and introduction to financial statement analysis. Students must receive at least a C grade in this course in order to register for additional Accounting Major courses.

### **ACCG 211 | PRINCIPLES OF MANAGERIAL ACCOUNTING (3-0-3)**

**Prerequisite:** *ACCG 201 | F, S, SI, SII*

The emphasis of this course is on the use of accounting information internally by managers in an organization. Students will gain an understanding of the information needed by managers in planning, control and decision making. This course covers cost concepts and cost behavior, activity based costing, costing systems, operational budgets, standard costing, introduction to capital budgeting, cost-volume-profit analysis and relevant costs in decision making.

### **ACCG 301 | INTERMEDIATE ACCOUNTING I (3-0-3)**

**Prerequisite:** *a grade of C or higher in ACCG 201 | F, S*

This course focuses on theory and applications of financial accounting. It introduces the conceptual framework, the process of creating generally accepted accounting principles, and the fundamentals of financial statements – income statements, balance sheets, and statements of cash flow. Issues examined include cash and receivables, inventories, long-lived tangible and intangible assets. Moreover, the course investigates the foundations and applications of international accounting practices.

### **ACCG 302 | INTERMEDIATE ACCOUNTING II (3-0-3)**

**Prerequisite:** *ACCG 301 | S, SI*

This course is a continuation of the Intermediate Accounting I. It continues the in-depth analysis of accounting theory, and procedures underlying preparation of financial statements. Topics covered include short-term and long-term liabilities, stockholders' equity, including dilutive securities and earnings per share, investments, revenue recognition, income taxes, pension and retirement benefits, leases, accounting changes and errors, statements of cash flows, and full disclosure in financial reporting.

### **ACCG 311 | COST ACCOUNTING (3-0-3)**

**Prerequisite:** *a grade of C or higher in ACCG 201, ACCG 211 | F, S, SI*

This course examines various tools of cost accounting. It also examines means by which control can be exercised and the types of accounting information that allow for different means of planning and control. It covers the behavioral, quantitative, and qualitative aspects accounting, such as the nature of control, responsibility centers, performance evaluation, pricing of intermediate products, strategic planning, advanced topics in budgeting, costing, the balanced scorecard, executive compensation, and control for differentiated strategies.

### **ACCG 341 | ACCOUNTING INFORMATION SYSTEMS (3-0-3)**

**Prerequisite:** *a grade of C or higher in ACCG 201, ACCG 211 | F*

This course provides an overview of major accounting subsystems with an emphasis on computer systems and internal control. It provides an overview of the design of information systems that support the accounting function of a firm. It focuses on business transaction cycles and processes, including Order Entry/Sales/Receivables; Purchase/Payables; Payroll/Human Resources; Fixed Assets; Production; Financing, and the General Ledger in the context of Enterprise Resource Systems (ERSs). Topics covered also include Computer Control and Audit; Computer Crime; and Reporting with XRBL.

### **ACCG 352 | FRAUD AUDITING AND FORENSIC ACCOUNTING (3-0-3)**

**Prerequisite:** *ACCG 302 | S*

This course investigates the deceptions in financial and accounting processes. It is concerned with the detection and prevention of financial statement fraud. Topics covered include fraud examination techniques, internal control methodology, financial statement misrepresentation, conversion investigation methods, inquiry methods and fraud reports.

### **ACCG 401 | ADVANCED ACCOUNTING (3-0-3)**

**Prerequisite:** ACCG 302 | F, S

This course focuses on the nature and structure of accounting information that is generated by the business firm. The main emphasis is not on the process through which accounting information is generated, but on how this information can be used in decision making by business managers. Topics covered include key financial statements and their interpretation, ratio analysis and its uses in performance evaluation as well as its limitations, financial planning and budgeting, use of accounting information for more effective control of operations, economic value added vs. ROI, and other approaches to performance measurement.

### **ACCG 421 | AUDITING (3-0-3)**

**Prerequisite:** ACCG 301 | F

This course presents both the theoretical and practical aspects of auditing, including the responsibilities and function of the independent auditor. Topics include auditing objectives and concepts, types of audits, auditing standards, auditors' professional code of ethics and auditors' liability, risk and internal control, and the audit process.

### **ACCG 431 | U.S. TAXATION (3-0-3)**

**Prerequisite:** ACCG 401 | SI

This course covers knowledge applicable to federal income, estate and gift taxation and its application in practice. The content of this course is consistent with the AICPA Federal taxation specification outline tested in the CPA exam. The course covers topics such as taxation of individuals, corporations, partnerships, estates and trusts, exempt organizations, and preparers' responsibilities.

### **ACCG 441 | INTERNATIONAL ACCOUNTING (3-0-3)**

**Prerequisite:** ACCG 401 | F, S, SI

This course gives a broad overview of the global financial and accounting environment and addresses three distinct, but overlapping topic areas: financial reporting, financial analysis, and planning and control of multinational enterprises. The course covers topics such as financial reporting regimes, harmonization of international accounting differences, international accounting standard setting process, financial reporting issues relating to segment reporting, international financial ratio analysis, business combinations, intangible assets, foreign currency translation, accounting for changes in exchange rates, translation of financial statements, and managerial accounting issues relating to control of and performance measurement for foreign operations.

### **ACCG 491 | SPECIAL TOPICS IN ACCOUNTING (3-0-3)**

**Prerequisite:** Senior Status or approval of the Chair, a grade of C or higher in ACCG 201 | Upon demand

This course presents a critical study of theory, research and practical applications related to advanced topics in accounting, not covered in any other accounting course. The specific topics will be determined by the interests of the students and the instructor.

### **AIMC 201 | PRINCIPLES OF ADVERTISING AND INTEGRATED MARKETING COMMUNICATIONS (IMC) (3-0-3)**

**Prerequisite:** MKTG 201 | F, S, SI

This course introduces students to the field of integrated marketing communications (IMC) and its role in the marketing mix. The course also provides students with an understanding of different media choices, such as advertising, sales promotion, public relations, personal selling, direct marketing, digital and social media. Students examine basic communication theories and media concepts. Students further learn how to apply their knowledge in determining media objectives and strategies. Special attention is given to the creative product across all media and tools.

### **AIMC 331 | HISTORIC AND CONTEMPORARY ISSUES IN ADVERTISING and IMC (3-0-3)**

**Prerequisite:** a grade of C or higher in AIMC 201 | S

This course examines historic and contemporary issues (political, social, economic, technological, Internet, legal, arts and cultural) related to Advertising, Public Relations and Integrated Marketing Communications in local, regional and global contexts. Students also implement creative strategies in solving problems related to Advertising and IMC issues.

### **AIMC 401 | CREATIVE STRATEGY AND RHETORIC (3-0-3)**

**Prerequisite:** a grade of C or higher in AIMC 201 | S

This course provides students with a background knowledge in rhetorical theories and cultural innovation strategies as applied in developing written, spoken, visual, and other creative strategies for multimedia and interactive Advertising, PR, and Integrated Marketing Communications (IMC).

### **AIMC 411 | MEDIA PLANNING (3-0-3)**

**Prerequisite:** *a grade of C or higher in AIMC 201 | F*

This course entails in-depth study of the media planning functions within the Integrated Marketing Communications (IMC) process. Students learn the relationship between marketing strategy and media planning, and the strategic media planning process. Topics include consumer insight and analytics; digital and non-digital media analytics; inter-media comparisons; qualitative media evaluation; media budget determination and allocation; media testing and experimentation.

### **AIMC 421 | STRATEGIC PLANNING AND MEASUREMENT FOR ADVERTISING AND IMC (3-0-3)**

**Prerequisite:** *a grade of C or higher in AIMC 201 | F*

This course examines the role of strategic decision-making in IMC marketing plan formulation. Students learn how to select and evaluate appropriate media outlets. Students also examine creative communications metrics and implement strategies in solving problems related to Advertising and IMC campaigns. The course further involves empirical research to issue-resolution.

### **AIMC 431 | CAMPAIGN DEVELOPMENT AND EVALUATION (3-0-3)**

**Prerequisite:** *a grade of C or higher in AIMC 421 | S*

This is the capstone course of the Advertising and Integrated Marketing Communications major. Students spend the entire term working in teams to respond to a challenging real world case. The response consists of a fully developed IMC strategy and plan, together with executional solutions across a wide variety of communications disciplines. Class times are used for instructor facilitation, team meetings and lecture/discussion on topics germane to the case, such as media planning, website construction, and sales promotion. Faculty other than the instructor of record and outside practitioners also make pedagogical contributions to the course.

### **AIMC 481 | STUDY INTERNSHIP (0-25-3)**

**Prerequisites:** *AIMC 431, Senior Status and approval of the Chair | SI, and Upon demand*

Students spend 25+ hours/week employed by an advertising/communications/marketing firm. This internship examines students' progress in their chosen field of specialization under the joint supervision of the faculty supervisor and their supervisor in the workplace.

### **AIMC 491 | SPECIAL TOPICS IN IMC (3-0-3)**

**Prerequisite:** *a grade of C or higher in AIMC 201, Senior Status or approval of the Chair | SI, and Upon demand*

This course offers an advanced topics in Advertising and IMC which are not covered by other course offerings. The specific topic will be determined by student/instructor interest. Students should check with the Department Chair to determine course content for a specific semester.

### **ANTH 201 | INTRODUCTION TO CULTURAL ANTHROPOLOGY (3-0-3)**

**Corequisite:** *ENGL 101 | Upon demand*

This course introduces students to the rich and distinctive ways through which anthropologists apprehend the cultural and social world. It shall focus on the writing of anthropologists and their research in different contexts, and examine key areas of interest (e.g., kinship, religion and the economy), concepts, fieldwork methods and writing technique (ethnography) that are central to the discipline.

### **ANTH 311 | CULTURE AND SOCIETY IN POSTCOLONIAL AFRICA (3-0-3)**

**Corequisite:** *ENGL 102 | Upon demand*

This course uses an anthropological lens to explore cross-cultural encounters, clashes, dilemmas, and understandings of colonialism and post-coloniality across the African continent. Students examine popular representations of culture in different African societies with the objective of contextualizing problems such as poverty, conflict, dependence, while countering prevailing narratives about Africa. Topics addressed include colonialism, post-colonialism, social organization, ethnicity and nationality, politics, globalization, religion, gender, and popular culture.

### **ARCH 101 | ARCHITECTURAL DESIGN STUDIO I (0-8-4)**

**F, and Upon demand**

In this foundation course, the student is introduced to the fundamentals of manual drafting and the tools used in this technique. Some of the goals are to learn basic architecture drafting vocabulary, line quality, lettering and drafting conventions for a site, plot, building, including roof and floor plans, interior and exterior elevations, and building

sections. This course involves presentation techniques axonometric and perspective drawings. Anthropometrics and ergonomics will also be introduced.

### **ARCH 102 | ARCHITECTURAL DESIGN STUDIO II (0-12-6)**

**Prerequisite:** ARCH 101 | S, and Upon demand

ARCH 102 builds upon the foundation skills acquired in ARCH 101. The students recognize fundamental concepts and basic architecture elements. In this course students discuss design process that includes the role of research, analysis, and spatial organization. Also, students work individually on a number of projects that introduce them to different phases including research, conception, problem formulation and resolution and project layout and presentation. In addition, students work in teams on design projects concentrating on analysis and decision making.

### **ARCH 151 | HISTORY AND THEORY OF ARCHITECTURE I (3-0-3)**

**S, and Upon demand**

This course examines the development of architecture and urbanism from pre-history to circa 1400 by depicting the different architectural languages and terminologies used by different styles. Emphasis is placed on the historical and intellectual context of selective examples of architecture, along with their environmental, technological, and social relevance.

### **ARCH 201 | ARCHITECTURAL DESIGN STUDIO III (0-12-6)**

**Prerequisite:** ARCH 102 | F, and Upon demand

This second year studio course focuses upon the understanding of architectural convention in relation to cultural, sociological and general human related aspects. Based on a socio-cultural understanding of design approach students are encouraged to develop their analytical problem-solving skills which function as the basis for design invention and as the foundation of ethical action in the process of architectural designing.

### **ARCH 202 | ARCHITECTURAL DESIGN STUDIO IV (0-12-6)**

**Prerequisites:** ARCH 201, ARCH 211 | S, and Upon demand

This is a studio course that introduces the strategies of architectural design. Students develop an architectural project based on a building program and site. Issues concerning building assemblies, structural systems, building envelope systems, and basic building systems are covered. The integration of these issues into building design is complemented by studio exercises.

### **ARCH 211 | MATERIALS AND METHODS OF CONSTRUCTION (3-0-3)**

**Prerequisite:** ARCH 101 | F, and Upon demand

This course introduces students to commonly used construction materials and their respective methods of construction. Students also study the major building components from foundation to roofing including the building envelope and acquire an overall understanding of the building assembly.

### **ARCH 253 | HISTORY AND THEORY OF ARCHITECTURE III (3-0-3)**

**Prerequisite:** ARCH 254 | S, and Upon demand

This is the third of three sequential courses that cover the History of Architecture from the third millennium BC through to the Twenty-first century. This course is characterized by a series of lectures and presentations that examine the development of architecture and urbanism in Europe and elsewhere from the industrial revolution through to the early Modernism period of Europe and North America and on to a world setting for the variations in late Modernism before considering various new movements of the Twenty-first century. Knowledge of the language of architecture, its terminology and recognition of period styles are required. Emphasis is placed on the historical and intellectual context of selective examples of architecture, along with their environmental, technological and social relevance.

### **ARCH 254 | HISTORY AND THEORY OF ARCHITECTURE II (3-0-3)**

**Prerequisite:** ARCH 151 | F, and upon demand

This course examines the development of architecture and urbanism from circa 1400 to present, by depicting the different architectural languages and terminologies used by different styles in the Arabian Gulf and worldwide. Emphasis is placed on the historical and intellectual context of selective examples of architecture, along with their environmental, technological and social relevance.

### **ARCH 294 | FILM AND ARCHITECTURE (3-0-3)**

**Prerequisite:** ARCH 202 | F, and Upon demand

The course film and architecture will introduce students to tools for analysis and exploration of the relation between architecture and film both as phenomena of time and space. Students will look at the source and portrayal of



architectural expression in film from its development of early to modern manifestation. This course enhances the theoretical and experimental understanding of filmic and architectural structure.

### **ARCH 301 | ARCHITECTURAL DESIGN STUDIO V (0-12-6)**

**Prerequisite:** ARCH 202, ARCH 351, DDFT 341 | F, and Upon demand

This third year studio course focuses upon the understanding of Architectural theories and methodologies, their implication on understanding and approaching design methods. Students are encouraged to develop new ways of analysis and criticism for architectural objects. This will be the basis for the process of design invention of this course.

### **ARCH 302 | ARCHITECTURAL DESIGN STUDIO VI (0-12-6)**

**Prerequisites:** ARCH 301, DDFT 351, Corequisite ARCH 321 | S, and Upon demand

In this studio course, students design environmentally responsive buildings at the inception stages of the design process, integrating structural systems and construction technologies.

### **ARCH 311 | STRUCTURAL ANALYSIS (3-0-3)**

**Prerequisite:** ARCH 211, PHYS 201 | F, and Upon demand

This course provides students with basic knowledge of structural analysis, in preparation for structural design. Students will study the behavior of structures through an understanding of the concepts of load and load path, internal forces, different types of stress, structural materials, the role of geometry in structural design and finally basic mathematical calculations.

### **ARCH 312 | STRUCTURAL DESIGN (3-0-3)**

**Prerequisite:** ARCH 311 | S, and Upon demand

This course prepares students for understanding the impact of structural systems on architectural design and for making selections based on the necessary knowledge of aspects of structure. The course covers the relevant structural materials and properties, structural elements and systems.

### **ARCH 321 | ENVIRONMENTAL AND BUILDING SERVICE SYSTEMS (3-0-3)**

**Prerequisite:** ARCH 201 | S, and Upon demand

This course exposes the students to the notion of sustainability and the way it informs architecture and site design thinking. Students understand how environmental systems can reduce the energy consumption related to heating, cooling, daylighting, ventilation and acoustics. Students also learn about building services, including Mechanical, Electrical and Plumbing (MEP) as well as vertical transportation within the building.

### **ARCH 322 | BASIC ELEMENTS OF LANDSCAPE ARCHITECTURAL DESIGN (3-0-3)**

**Prerequisite:** ARCH 202 | SI, and Upon demand

This course presents the thoughts and key design theories fundamental to landscape architecture in simple words and illustrations, it also offers the vocabulary, significance, characteristics, potential uses, and design guidelines for landform, plant materials, buildings, pavement, site structures, and water in landscape architectural design. It will help students overcome common mistakes and misconceptions typical in the early phases of their design career and will heighten their understanding and awareness of the major physical components of the outdoor environment.

### **ARCH 342 | PORTFOLIO DESIGN IN ARCHITECTURE (3-0-3)**

**Prerequisite:** ARCH 302 | Upon demand

This course introduces students to how to plan, design, and produce their portfolio from their design projects, which contain sources for their conception and a trajectory for their design development. It will also explain how to search for clues to your core design inspiration and discuss how to be more open to new pathways to problem analysis and problem-solving inspiration. Finally students can apply digital desktop publishing and image processing software techniques to produce more not only competitive but also professionally informed.

### **ARCH 351 | THEORY OF ARCHITECTURE (3-0-3)**

**Prerequisites:** ARCH 254 or ARCH 253 | S, and Upon demand

This advanced lecture course focuses upon the understanding of architectural theories and methodologies, and their implications for understanding and analyzing architectural design. Students are encouraged to apply theories to architectural objects.

### **ARCH 361 | INTERDISCIPLINES IN ARCHITECTURE: ARCHEATABLE (1-4-3)**

**Prerequisite:** DDFT 341 | F, and Upon demand

This course explores the intersection between Architecture and Gastronomy through the application of advanced digital design and fabrication techniques to complete a complex project in a specific architectural context.

### **ARCH 370-375 | ARCHITECTURE STUDY TOUR (3)**

**Prerequisite:** ARCH 302 | Upon demand

In this course, students analyze specific aspects in architecture and/or urban design in global context, through direct analysis of actual case studies, or by participation in relevant worldwide events and exhibitions.

### **ARCH 380 | SPECIAL TOPICS IN ARCHITECTURE (3-0-3)**

**Prerequisite:** ARCH 202 | Upon demand

This is an advanced course in which students participate in topics to be selected by the instructor, with the approval of the Chair, and which develops an aspect of design and/or presentation. Research, critical analysis, application of the research and analysis to the design, and presentation will be required in the course.

### **ARCH 401 | ARCHITECTURAL DESIGN STUDIO VII (0-12-6)**

**Prerequisite:** ARCH 302 | F, and Upon demand

In this course, students survey the main theories of urban design by analyzing several case studies throughout recent history. They also discuss the multidimensional and interactive aspect of urban design and its relation to architecture, and design a real context urban project in order to integrate the physical, environment, socio-cultural, economic, legal and philosophical elements that shape cities.

### **ARCH 402 | ARCHITECTURAL DESIGN STUDIO VIII (0-12-6)**

**Prerequisite:** ARCH 321, ARCH 401, ARCH 431, DDFT 475 | S, and Upon demand

In this design studio students are not only required to consolidate their knowledge and abilities developed under previous studios, but should also demonstrate well rounded competencies in integrating the technical aspects of architectural design, with particular emphasis given to construction materials and technology, structural design, Mechanical, Electrical & Plumbing (MEP) solutions and working drawings documentation.

### **ARCH 412 | CONSTRUCTION MANAGEMENT AND BUILDING ECONOMICS (3-0-3)**

**Prerequisite:** ARCH 211 | F, and Upon demand

ARCH 412 introduces students to the basic principles and techniques of management and Building Economics. Students are introduced to the principles and practices of estimating project cost, scheduling methods, and controlling techniques, as well as time value of money, financial feasibility and cash flow analyses.

### **ARCH 423 | SUSTAINABLE URBANISM (3-0-3)**

**Prerequisites:** ARCH 202, ARCH 321 | S, and Upon demand

This course combines expertise in New Urbanism with a thorough understanding of environmental issues and techniques. It also exposes students to a comprehensive and technically informed way on how to design and build places that are environmentally responsible and also gratifying to inhabit.

### **ARCH 431 | LIFE SAFETY AND CODES (3-0-3)**

**Prerequisite:** ARCH 202 | F, and Upon demand

This course covers the process of an architectural project starting from the inception stages. Topics include programming, developing design requirements and standards, as well as building codes, including those incumbent to safety and accessibility.

### **ARCH 441 | PROFESSIONAL PRACTICE, ENTREPRENEURSHIP AND ETHICS (3-0-3)**

**Prerequisites:** ARCH 431 | S, and Upon demand

Students develop an understanding of the business and practice of Architecture and also examine innovative entrepreneurial models. Topics include professional services and contracts, firm leadership, strategic planning, team building and staff development, standards of professional, legal, and ethical conduct, marketing, firm and project financial management, risk and liability, construction administration, and dispute resolution.

### **ARCH 501 | ARCHITECTURAL DESIGN STUDIO IX (0-12-6)**

**Prerequisite:** ARCH 402 | F, and Upon demand

In this course, students prepare a thesis proposal which consists of collecting, analyzing, and writing a summary about data pertinent to a particular building type and use it to produce a preliminary design to be carried out in detail during

the final semester. Students will build a comprehensive knowledge as to building standards and norms leading to space programming, codes, and regulations and design theory. Throughout the process, students will learn to plan, structure and write a research document as well as developing familiarity with research techniques and methods in the field of Architecture.

### **ARCH 502 | ARCHITECTURAL DESIGN STUDIO X (0-12-6)**

**Prerequisites:** ARCH 431, ARCH 501 | S, and Upon demand

This is a capstone course in which students implement their thesis research by developing a project that incorporates all the principles of design demonstrating a comprehensive understanding of architectural design and evidence of professional capability. A final presentation of the resulting design to an advisory panel will be required.

### **ARCH 561 | INTERNSHIP (2)**

**Prerequisite:** Senior Status and Portfolio; and approval of the Chair | SI, and Upon Demand

The internship provides students with practical, on-the-job experience which allow them to integrate theory with “real world” situations. The internship is academically supervised by a faculty member and professionally supervised by the company’s internship supervisor who provides feedback to the university about the student’s progress.

(The course is 3 credits for students who joined before AY 2023-2024)

### **ARTS 101 | INTRODUCTION TO THE ARTS (3-0-3)**

**Corequisite:** ENGL 101 | F, S

This course introduces students to the art of various cultures, with a focus on the role of visual arts in building and responding to cultural and historical contexts. Students will develop skills in visual and verbal analysis of art.

### **ARTS 200 | HISTORY OF ART I (3-0-3)**

**Prerequisite:** ENGL 101 | F, S

This course surveys global developments in art and architecture from pre-history through 1400. Artworks will be analyzed in their historical, sociological and political contexts through visual presentations.

### **ARTS 201 | HISTORY OF ART II (3-0-3)**

**Prerequisites:** ARTS 200, ENGL 102 | F, S

This course surveys the major developments in world art and architecture from the European Renaissance through the 20<sup>th</sup> Century. The cultural and sociological contexts of art and the changing conditions of the artists and art production, as reflected in the new styles and movements of this period are examined.

### **ARTS 202 | HISTORY OF ART III (3-0-3)**

**Prerequisites:** ARTS 200, ENGL 102 | S

This course explores the art of the 20<sup>th</sup> century and through the first decade of the 21<sup>st</sup>, focusing on the transformation from Modernism to the post-modern context of arts and culture in contemporary societies. It examines the historical and theoretical background necessary for the understanding of seminal artworks and major art movements, and familiarizes students with critical concepts.

### **BDSC 401 (Replaces MGMT 314 Business process simulation) | BUSINESS PROCESS MODELING AND ANALYTICS (3-0-3)**

**Prerequisites:** BUSI 331, QUAN 301 | F, S

This course focuses on the efficiencies of business processes and how these efficiencies consequently effect the organizational performance. The content consists of modeling a business problem, run simulations and collect data through the use of Discrete Event Simulation software.

### **BIOL 201 | PRINCIPLES OF BIOLOGY (3-0-3)**

**Corequisite:** ENGL 101 (students will not receive credit for both BIOL 201 and SCIE 201) | F, S, SI

This course introduces students to principles of biology including basic concepts in biochemistry and bioenergetics, cell biology, genetics, biodiversity, ecology and sustainability. Students will learn mechanisms, practices, technologies and applications that promote better health and sustain natural resources in the environment.

### **BIOL 202 | GENERAL BIOLOGY I W/Lab (3-3-4)**

**Prerequisite:** None | F, S

This course introduces students to the basic aspects of cell structure, heredity, diversity, classification, evolution, and energy transfer through living organisms. Students will explore a variety of biological phenomena with emphasis on an inquiry-based approach to promote critical thinking and problem-solving skills.

### **BIOL 203 | GENERAL BIOLOGY II W/Lab (3-3-4)**

**Prerequisite:** BIOL 202 | F, S

This course offers a general overview of structure and life processes in animals. It provides an emphasis on comparative animal physiology, showing structural, functional and behavioral adaptations to environmental challenges.

### **BIOL 208 | GENERAL ECOLOGY LABORATORY (0-3-1)**

**Co-requisite:** SCIE 311 | F, S

This laboratory course provides students with the opportunity to conduct field and laboratory exercises that illustrate concepts of general ecology.

### **BIOL 213 | CELL BIOLOGY W/Lab (3-3-4)**

**Prerequisite:** BIOL 203 | F, S

This course introduces students to principles of cell biology, including cell-cell interaction, cell-extracellular matrix interaction, and the cells' behavior in their microenvironment. Students are exposed to different tools and methods used to investigate the basic functions of the cell, the intracellular sorting within its compartments, and key cell processes.

### **BIOL 283 | GENETICS W/Lab (3-3-4)**

**Prerequisite:** BIOL 203 | F, S

This course introduces the principles of genetics and genomics. Course topics address transmission genetics and molecular genetics as fully integrated subjects, and they introduce the basic processes of gene transmission, mutation, expression, and regulation. Laboratory experiments will cover the subjects and theories introduced in course work.

### **BIOL 307 | EVOLUTION (3-0-3)**

**Prerequisite:** SCIE 311 | F, S, SI

This course examines concepts and theories related to evolution, ecology, diversity, and the adaptation of living things to their natural environment. Topics include the origins of diversity, evolutionary change, phylogeny and classification, diversity in form and function, evolution by natural selection, modes of speciation, and long-term trends in evolution and adaptations.

### **BIOL 311 | INTRODUCTION TO BIOTECHNOLOGY (3-0-3)**

**Prerequisites:** BIOL 201, BIOL 202, or SCIE 201, ENGL 101, MATH 101 (or higher) | S

This course is designed to introduce students to the basic principles of biotechnology and its applications. It will introduce students to fundamental scientific concepts in molecular biology and biotechnology emphasizing modern, cutting-edge emerging tools and applications in this area. Medical applications of biotechnology, industrial bio-manufacturing, bioremediation, forensic analysis, cloning and transgenic techniques, and aquaculture are some of the topics that students will be introduced to in this course. Students will have an opportunity to consider the ethical implication of emerging biotechnologies and their impact on communities.

### **BIOL 325 | ANIMAL PHYSIOLOGY (3-0-3)**

**Prerequisite:** BIOL 203 | F, S, SI

This course focuses on the fundamental principles of animal physiology. Its primary aim is to integrate concepts from all levels of biological organization to explore the nature of diversity in cells, physiological systems, and whole animals.

### **BIOL 326 | ANIMAL PHYSIOLOGY LABORATORY (0-3-1)**

**Prerequisite:** BIOL 203 (prerequisite), **Corequisite:** BIOL 325 | Upon demand

This laboratory course supplements the material presented in the Animal Physiology course and provides hands on experience with current techniques used in physiological studies. Students conduct experiments examining animal physiology using a variety of animal models. Be aware that animals will be sacrificed on several occasions during the semester.

### **BIOL 327 | NEUROPHYSIOLOGY (3-0-3)**

**Prerequisite:** BIOL 203 | F, S, SI

This course offers an introduction to the field of neurophysiology. Topics include basic neuronal cell physiology, signaling cascades and pathways, cellular neurobiology, neurodegenerative diseases, behavioral neuroscience, and behavioral disorders. Additional topics include the nervous system (peripheral and central, PNS & CNS), sensory

modalities, and central processing of sensory information and pathways, including special senses. In addition, higher brain functions such as learning, memory, language and communication will be addressed.

### **BIOL 329 | IMMUNOBIOLOGY (3-0-3)**

**Prerequisite:** BIOL 213 | F, S, SI

This course provides an overview of the immune response and its involvement in health and disease. Course topics include immunity, structure and function of the immune system, antigens and antibodies, complement, genetic basis of the immune response, humoral and cellular immunity, immunological tolerance, organ and tissue transplantation, allergies, and autoimmunity.

### **BIOL 331 | DEVELOPMENTAL BIOLOGY (3-0-3)**

**Prerequisite:** BIOL 203 | F, S, SI

The course offers an overview of the fundamental principles and mechanisms that govern development in animals, with an emphasis on the cellular and molecular aspects.

### **BIOL 333 | ENDOCRINOLOGY (3-0-3)**

**Prerequisite:** BIOL 213 | F, S, SI

This course introduces the endocrine system. Major topics include the structure, synthesis, secretion, role, and regulation of hormones. It also deals with related diseases and disorders.

### **BIOL 345 | PLANT PHYSIOLOGY W/Lab (3-3-4)**

**Prerequisite:** BIOL 202 | F, S

This course focuses on the physiology and biochemistry of plant growth and development in both normal and extreme environments. Topics include plant-water relations, mineral nutrition, hormones, and growth regulators, as well as how plants sense the environment and respond to cold, heat, drought, flooding, pathogens, and pests. It also addresses recombinant DNA technology and environmentally-friendly means of using plants to combat disease and pollution.

### **BIOL 351 | PRINCIPLES OF BIOCHEMISTRY (3-0-3)**

**Prerequisite:** BIOL 203, **Corequisite:** CHEM 213 | F, S

This course explores the macromolecules and fundamental metabolic pathways of eukaryotes, with an emphasis on human systems. Students study the structure and function of amino acids and proteins, the structure and metabolism of carbohydrates and lipids, and the structure and biochemical characteristics of nucleotides and nucleic acids. Topics also include the thermodynamic principles and biochemical pathways that drive life processes as well as their regulatory mechanisms.

### **BIOL 361 | MICROBIOLOGY W/Lab (3-3-4)**

**Prerequisite:** BIOL 203 | F, S

Microbiology explores the biology of microorganisms. Course topics include microbial cell structure and function, physiology, metabolism, genetics, diversity, and ecology. Applied aspects of microbiology are also covered, including biotechnology, the role of microorganisms in environmental processes, and medical microbiology. Laboratory experiments will cover the subjects and theories introduced in course work. Laboratory experiments will cover the subjects and theories introduced in course work.

### **BIOL 385 | MOLECULAR BIOLOGY (3-0-3)**

**Prerequisite:** BIOL 283 | F, S

This course introduces students to molecular biology. Key concepts include the molecular mechanisms of gene expression and regulation, the fundamental aspects of recombinant DNA technology, protein structure and function, and the signaling pathways that control gene activity. Students study the regulation of the cell cycle, the molecular basis of illnesses, and genetic engineering applications.

### **BIOL 386 | MOLECULAR BIOLOGY LABORATORY (0-3-1)**

**Corequisite:** BIOL 385 | F, S

This laboratory course exposes students to basic molecular biology techniques, including nucleic acid extraction, PCR amplification, electrophoresis, and protein extraction and quantification. Students will apply the theories and interpret the results of various molecular biology techniques.

### **BIOL 389 | FUNDAMENTALS OF BIOINFORMATICS (3-0-3)**

**Prerequisites:** BIOL 283, BIOL 385 | F, S

This course focuses on the applied aspects of bioinformatics. Students learn how to work on genomics and proteomics data, and they determine the role of genetic variabilities in evolution of biomolecules and organisms, which forms the basis for the diversity seen among pathogens and industrially beneficial organisms. Special emphasis is given to the relationship between knowledge of bioinformatics and current advancements in biomedical research.

### **BIOL 390 | FUNDAMENTALS OF BIOINFORMATICS LABORATORY (0-3-1)**

**Corequisite:** BIOL 389 | F, S

This laboratory course includes use of high throughput methods requiring standalone, public domain software in retrieving and analyzing biological data. Experiments will complement topics taught in the Fundamentals of Bioinformatics course to give students experience working on in silico experimental studies.

### **BIOL391 | SPECIAL TOPICS IN BIOLOGY (3-0-3)**

**Prerequisite:** BIOL 203 | F, S, SI

This course focuses on contemporary developments in the field of Biology. Subjects include cancer, cloning, theoretical biology, and other advances in technical and theoretical knowledge.

### **BIOL 397 | UNDERGRADUATE RESEARCH IN BIOLOGY (3-0-3)**

**Prerequisites:** BIOL 203, Senior Status | F, S, SI

This course introduces various aspects of scientific research from readings, project design, experimental work, data analysis, and scientific communication of findings. Experimental work will start after an introductory phase involving project-writing and experimental design. Laboratory work is expected to culminate with a publication-style report.

### **BUSI 101 | INTRODUCTION TO BUSINESS (3-0-3)**

**F, S, SI, SII**

An introductory survey of the business world, with consideration of the structure and forms of business enterprise, the nature of business relationships, and the diversity and choice of business careers. This course explores perceptions and misperceptions of business and its role in society, in a multicultural setting.

### **BUSI 121 | ENTREPRENEURSHIP AND INNOVATION (3-0-3)**

**F, S**

This course is an overview of small business management and includes methods and procedures for establishing a small business; problem solving techniques required for successful operations; entrepreneurial traits and risks; location selection; and franchising.

### **BUSI 201 | BUSINESS COMMUNICATIONS (3-0-3)**

**Prerequisites:** BUSI 101, ENGL 101 | F, S, SI, SII

Students in this course will learn the dynamics of human interaction in the workplace. The focus of the course is designed to increase the student's understanding and implementation of effective communication behaviors and skills exhibited through written and oral communication forms. The fundamentals of business communication will introduce rhetorical principles, cultural adaptation and compositional practices necessary for successful communication in a range of professional and academic settings.

### **BUSI 211 | BUSINESS ETHICS (3-0-3)**

**Prerequisite:** BUSI 201 (also applies to non-Business Majors) | F, S, SI

This course introduces students to the ethical context of business operating domestically as well as internationally. This course introduces students to a cooperative framework, which will embrace the foundations of regional differences and influences with respect to ethical decision making. The difficult issue of ethical relativism and other problems associated with multiple ethical systems are examined from theoretical as well as case-based applied perspectives.

### **BUSI 221 | PERSONAL FINANCIAL MANAGEMENT (3-0-3)**

**Prerequisite:** MATH 200 (not open to students in the Finance Major) | F

This course covers fundamentals of personal finance including salary and compensation, budgeting, savings, investments, renting, establishing a home, property acquisition, installment contracts, purchase acquisition, scams and frauds, credit, insurance, retirement, taxes, and other financial issues.

### **BUSI 251 | STARTUP ENTREPRENEURSHIP PROJECT (3-0-3)**

**Prerequisite:** *BUSI 121, ENGL 101 | F, S*

In this course, students learn about the stages of customer discovery/empathy, prototyping, segmentation, positioning, and pitching. Under the guidance of course facilitator and startup mentor, students develop a go-to-market strategy for their business idea and network with potential investors.

### **BUSI 301 | BUSINESS RESEARCH (3-0-3)**

**Prerequisites:** *BUSI 101, QUAN 201 | F, S, SI*

Business analysts, managers and other professionals engaged in managerial and supervisory tasks are required to conduct research projects, or to supervise staff undertaking programs under their direction and to evaluate proposals and work completed by contracted professionals. To fulfill these responsibilities, managers must possess knowledge of research methodologies and techniques and be competent in their application. This course explores the role of research in business decision-making. The aim is to introduce students to the principal stages, terminology, concepts, processes and methodologies used in conducting research, and reporting and reviewing the results of research, and to enhance skills, knowledge and competencies in conducting research. Also, a major part of this course is dedicated to the development and execution of a business research project.

### **BUSI 311 | BUSINESS LAW I (3-0-3)**

**Prerequisites:** *BUSI 101, BUSI 211 | F, S, SI*

This course serves as an introduction to the issues arising in the legal environment in which businesses operate. Consideration is given to the law of contracts, business torts, warranties, agency law and business formation including potential liability exposure.

### **BUSI 312 | BUSINESS LAW II (3-0-3)**

**Prerequisite:** *BUSI 311 | F, S*

This course is a continuation of the introductory business law course and examines the following areas of law: corporate mergers, sales and lease contracts, negotiable instruments, debtor-creditor relationships including secured transactions and creditors rights and bankruptcy, intellectual property and internet law, securities regulations, the international legal environment and labor and employment law including discrimination.

### **BUSI 321 | BUSINESS IN THE INTERNATIONAL ENVIRONMENT (3-0-3)**

**Prerequisite:** *ECON 202 | F, S, SI*

Consideration is given to comparative analysis of market conditions and business practices in the global economy, with an emphasis on international economic factors and institutions, including trade, financing, exchange rates, development and government policies. Selected topics in international management are covered.

### **BUSI 331 | MANAGEMENT OF INFORMATION SYSTEMS (3-0-3)**

**Prerequisites:** *COMP 101, MATH 200 | F, S, SI, SII*

This course introduces students to the dynamic environment of Information Systems (IS) and Information Technology (IT). IS and IT influence every aspect of business. This course has 3 main topics: (1) using IS/IT for competitive advantage, (2) core IS/IT skills and management, and (3) IS/IT as an agent of change in all functional areas of business.

### **BUSI 401 | CONTEMPORARY BUSINESS ISSUES (3-0-3)**

**Prerequisites:** *ANTH 201, ECON 201, HIST 252, POLS 200 | Upon demand*

This seminar-style course asks students to explore current issues in business. The primary focus of the course is business. In addition, all students are expected to look at the historical, political, and cultural factors involved. The course is designed to allow students to explore a primary area of interest while maintaining the interrelationships of all major areas of the BAIS degree. This course is also open to non-BAIS students.

### **BUSI 481 | INTERNSHIP (0-25-3)**

**Prerequisite:** *Senior Status and approval of the Chair | SI and Upon demand*

With the aid of a supervising instructor, and under the direct supervision of a member of the host organization, the student participates in a practical onsite internship in which theoretical principles are applied to work situations. Upon the end of the internship, the student submits a report to the supervising instructor.

### **CABR 275 | COURSE ABROAD (3)**

**Prerequisites:** *ENGL 102, approval of dean | Upon demand*

Students travel to international cities to visit iconic locations and leading regulatory and professional institutions. The theme for each course abroad is chosen in advance from academic disciplines such as history, art, business or

technology with faculty members serving as course leaders and facilitators. Scheduled class meetings are held before and after the trip, as part of the course requirements.

### **CHEM 101 | INTRODUCTION TO CHEMISTRY (3-0-3)**

**Prerequisite:** None | F, S, SI

This course exposes students to fundamental concepts in chemistry, namely the atomic structure and properties of matter, periodicity in elements, chemical reactions and stoichiometry, molecular geometry, and quantum mechanics.

### **CHEM 201 | GENERAL CHEMISTRY (3-0-3)**

**Prerequisite:** MATH 095 | F, S, SI

This course introduces fundamental laws and theories of chemistry. Topics include atomic structure, bonding theory, stoichiometry, properties of matter, chemical thermodynamics and kinetics, electrochemistry and introduction to organic chemistry.

### **CHEM 204 | GENERAL CHEMISTRY LABORATORY (0-3-1)**

**Prerequisite:** CHEM 101, **Corequisite:** CHEM 201 | F, S

This course introduces students to experimental chemistry. Topics include principles and applications of chemical laboratory techniques, including preparation and qualitative and quantitative analysis of chemical compounds using titrimetric and spectrophotometric methods.

### **CHEM 205 | ANALYTICAL CHEMISTRY (3-0-3)**

**Prerequisite:** CHEM 201 | F, S, SI

This course is an introduction to analytical chemistry. Topics discussed include activities and activity coefficients, equilibrium calculations in complex systems, various types of titrations, electrochemistry, and reaction kinetics.

### **CHEM 211 | ORGANIC CHEMISTRY I W/Lab (3-3-4)**

**Prerequisite:** CHEM 201 | F, S

This course introduces principles of organic chemistry. Topics include structures, properties and chemical reactivity of organic compounds, stereochemistry and reaction mechanisms.

### **CHEM 213 | ORGANIC CHEMISTRY II (3-0-3)**

**Prerequisite:** CHEM 211 | F, S

This is the second course in the organic chemistry sequence. Emphasis is placed on aromatic and carbonyl chemistry. Topics include aromatic compounds, aldehydes and ketones, carboxylic acids, acid chlorides, esters, anhydrides, amines, spectroscopy, and chromatography.

### **COMM 101 | INTRODUCTION TO GLOBAL MEDIA (3-0-3)**

**Corequisite:** ENGL 101 | F, S

The course provides an overview of the history of mass communication and the events responsible for the globalization of mass media. It offers an introduction to the theories and practices of globalized media, with particular emphasis on the rise of digital media.

### **COMM 103 | MEDIA, CULTURE AND SOCIETY (3-0-3)**

**Prerequisite:** COMM 101, **Corequisite:** ENGL 102 or MEST 302 | S, SI

This course offers more in-depth examination of topics addressed in COMM 101, Introduction to Global Media. It adopts a critical approach while examining the relationship between the media and the larger society, encompassing related cultural and political issues. It provides knowledge and understanding of the dominant theories and current research in media effects.

### **COMM 104 | INTRODUCTION TO NON FICTION TV FORMATS (1-2-2)**

**Corequisite:** ENGL 101 | S

The course will examine the major formats and non-fiction TV shows that have been successful internationally and on Arab TV channels in the last ten years. It will cover all the basic genres of non-scripted TV including reality, game and talent shows.



### **COMM 105 | DRAMA AND NON FICTION TV FORMATS ANALYSIS (1-2-2)**

**Corequisite:** ENGL 101 | F, S

The students will learn about the elements of TV drama including story development, character analysis, production values, and stylistic choices. They will analyze as well the major non-fiction TV shows including reality, game and talent shows.

### **COMM 106 | THE LANGUAGE OF FILM (2-2-3)**

**Corequisite:** ENGL 102 | S

The course will cover all the basic elements of film including cinematography, mise en scène, montage, sound, drama, and narrative structure. Through the lectures, assigned readings and film screenings, students will sharpen their observational skills and develop a better understanding of the art of the film.

### **COMM 201 | MEDIA ECONOMICS AND RESEARCH (3-0-3)**

**Prerequisites:** ENGL 102, MATH 101/ 200 | F

Students will gain a basic understanding of media economics, including for profit media owned by private companies/individuals and nonprofit government owned or subsidized media. They will learn the basic research methods and statistical tools used to measure readers/viewers. Students will also learn how to assess the influences of the economic model on decision-making for news, entertainment and other media industries.

### **COMM 202 | ETHICAL AND LEGAL RESPONSIBILITIES IN THE MASS MEDIA (3-0-3)**

**Prerequisite:** COMM 103 | S

Using a case study approach, this course provides students with an understanding of the traditions of media-related law that might be used as paradigms in countries with evolving media systems. It explores the ethical duties that accompany journalism, entertainment, advertising, and public relations.

### **COMM 221 | MEDIA WRITING SKILLS (3-0-3)**

**Prerequisite:** ENGL 102 | F

This course introduces the basics of writing techniques for print, broadcast, and online media. The print section will focus on sharpening students' writing, reporting, news judgment and critical thinking. The broadcast and online sections will focus on writing in a clear, concise and conversational style for television, radio and film, and the evolving principles of writing, editing and presentation for the Web. The course also covers journalistic ethics and professional standards related to writing.

### **COMM 222 | MULTIPLATFORM STORYTELLING (2-2-3)**

**Prerequisite:** COMM 221, COMM 243 (for JOUR students), or COMM 241 (for DPST students), or VCDM 221 and VCDM 222 (for VC students) | S

Different media require different storytelling skills. Continuing the themes of COMM 221, this course provides training in writing for multiple media platforms, ranging from ink on paper to multimedia venues. The course also emphasizes new media technologies.

### **COMM 223 | SCREENWRITING FUNDAMENTALS (2-2-3)**

**Prerequisite:** ENGL 102 | F

This course allows students to explore the fundamental elements of screenwriting through writing exercises, writing short scripts, and discussing students' work and the work of fellow screenwriters. In the process, students begin to find their own voices as writers and discover what stories they want to tell.

### **COMM 230 | VIDEO EDITING AND SOUND DESIGN (2-2-3)**

**Prerequisites:** COMM 106, Corequisite: COMM 223 | F

The course gives a comprehensive introduction into the aesthetics of motion picture editing and sound design through hands-on application of recording and editing rules, techniques and practices. Students learn how timing, pacing, sound, and other dramatic aesthetics affect viewer's perceptions and the success of the sequence.

### **COMM 232 | CINEMATOGRAPHY (0-6-3)**

**Prerequisites:** COMM 230 | S

The course aims to develop a discerning eye for the qualities of the moving image and the skillset required to create moving images that express the intent of the storyteller. It reinforces a fundamental understanding of composition as a storytelling act, rather than simply an aesthetic choice. It then combines that with lighting to build character and create mood.

### **COMM 241 | INTRODUCTION TO PRODUCTION (2-2-3)**

**Prerequisites:** *COMM 223, COMM 230 (for DPST students), or COMM 243 (for JOUR students), or VCDM 221 and VCDM 222 (for VC students) | S*

This course introduces the most important aspect of narrative filmmaking – the roles of the actor and the director in forming the story through developing an understanding of character. Students will explore the use of blocking, subtext, story refinement and acting/performance. Students will also gain an understanding of the roles and responsibilities of each crew position on a large scale production by working as crew members on advanced projects.

### **COMM 243 | INTRODUCTION TO PRODUCTION FOR JOURNALISM (2-2-3)**

**Prerequisites:** *COMM 104 | F, SI*

The course allows the students to have their initial experience with production and post-production equipment by teaching them the fundamentals of camera composition and lighting as a storytelling act and giving them a comprehensive introduction into the aesthetics of non-linear motion picture editing and sound design. Through hands-on application of cinematography, sound recording and video editing techniques, students will learn how timing, pacing, sound, and other dramatics aesthetics affect viewers' perceptions and the success of the sequence.

### **COMP 101 | IT AND INNOVATION IN TODAY'S WORLD (3-0-3)**

**F, S, SI, SII**

This course provides students with insight into information technology (IT) and its the role in promoting innovation. Students explore various aspects of digital media, communication, smart systems, artificial intelligence, big data, and hardware innovations. In addition, the course includes practical labs and projects that introduce students to essential computer skills such as web design, mobile computing, and artificial intelligence applications.

### **DDFT 268 | COMPUTER-AIDED DESIGN (CAD) I (1-4-3)**

**Prerequisites:** *ARCH 101 or IDES 192, ENGL 101 | F, SI, and Upon demand*

In this course, students are introduced to the fundamentals of CAD and the tools used in this form of practice. Students learn 2D and 3D CAD vocabulary and the technical skills necessary to produce floor plans, furniture plans, exterior and interior elevations, building sections, and reflected ceiling plan. Students are also required to set up custom CAD standards and make use of CAD automation tools. A basic CAD 3D modeling component is also introduced at the end of the semester.

### **DDFT 270 | DIGITAL DESIGN ILLUSTRATION (1-4-3)**

**Prerequisites:** *DDFT 268 | S, and Upon demand*

The subject focus for this course is the language of architectural exterior and interior design illustrations. Emphasis is on the tools necessary to create skillful enhancement of CAD drawings and turn them into digitally manipulated images which include entourage. Students are required to draft 2D floor plans, elevations, sections and 3D mass model an existing building for the sole purpose of generating accurate shadows. These are then used as backgrounds for applying specific drawing type rendering techniques. The importance of appropriate color, texture, scale, tone, light and typography is stressed in the various stages of production. The end product is a combination of rendered images and text thoughtfully laid out to represent and communicate an idea.

### **DDFT 341 | DIGITAL DESIGN AND FABRICATION I (1-4-3)**

**Prerequisite:** *ARCH 102 or IDES 292 | F, and Upon demand*

This course provides both the conceptual framework and the practical skills for understanding digital design media and for making effective use of the emerging digital design and fabrication repertoire. Topics include basics of computation, uses of spatial and image data, fundamentals of geometric modeling and fabrication, and cultural aspects of design computing.

### **DDFT 351 | PARAMETRIC DESIGN I (1-4-3)**

**Prerequisite:** *DDFT 341 | S and Upon demand*

This course provides both the conceptual framework and the practical skills for understanding computational design and teaching students the basic skills in visual scripting. Topics include basics computation, uses of spatial and image data, fundamentals of geometric modeling and fabrication, and cultural aspects of design computing.

### **DDFT 352 | PARAMETRIC DESIGN II (1-4-3)**

**Prerequisite:** *DDFT 351 | F, , and Upon demand*

This course brings students into complex concepts of object oriented programming, building upon skills learned in DDFT351. Topics include transformations, physics and structures, evolutionary computation, management and visualization of data flows, scripting for prototyping and digital fabrication, and grasshopper interoperability.

### **DDFT 373 | VIRTUAL DESIGNS (1-4-3)**

**Prerequisite:** ARCH 101 or IDES 191 or VCCC 102 | Upon demand

In this course, students will acquire experiential-based immersive techniques that allow them to generate and communicate product and industrial designs inside Virtual Reality.

### **DDFT 433 | DESIGN PROCESS: CAD AND CAM (1-4-3)**

**Prerequisite:** DDFT 268 | F, and Upon demand

This course provides both the conceptual framework and the practical skills for understanding tools for product development that combines industrial and mechanical design, collaboration, and machining in a single software. Students explore design ideas with an integrated concept-to-production platform, as well as develop an application-based understanding established on the design process to be applied to interior design spaces.

### **DDFT 442 | ARTIFICIAL INTELLIGENCE IN ARCHITECTURE (1-4-3)**

**Prerequisite:** DDFT 351 | F, and Upon demand

The course introduces artificial intelligence (AI) for architects, providing students with the knowledge and skills necessary to apply AI in their designs. Additionally, the course explores the ethical considerations of AI in architecture and the impact of AI on the built environment.

### **DDFT 466 | ADVANCED COMPUTER-AIDED DESIGN (1-4-3)**

**Prerequisite:** DDFT 268 | F, S, and Upon demand

This is an advanced computer aided drafting course focused on three-dimensional modeling and animation. Students learn how to translate two-dimensional plans and elevations into three-dimensional drawings to investigate, analyze, develop and improve design solutions and to create design presentations. This is a project-oriented course and each student will apply these simulation techniques to investigate and refine a previously designed hospitality or other approved project. Students are required to generate fully rendered photorealistic perspectives.

### **DDFT 473 | VIRTUAL ENVIRONMENTS (1-4-3)**

**Prerequisite:** DDFT 268 | Upon demand

This advanced course introduces students to the principles of Virtual Reality modeling methods. Students will acquire passive and active learning techniques that allow them to 3D design while they are in Virtual Reality.

### **DDFT 474 | BUILDING INFORMATION MODELING I (BIM-I) (1-4-3)**

**Prerequisite:** DDFT 268 or DDFT 341 | F, S, and Upon demand

In this course, students are introduced to the principles and practice form of Building Information Modeling (BIM). Students learn about BIM's bi-directional associativity and embedded relationships. They realize BIM integrates and streamlines coordination between architecture, interior design, structure, MEP, construction, and operations for the entire lifecycle of a building. They digitally build the architecture of a landmark project and learn to extract 2D, 3D, 4D, and 5D BIM by-products. Students also produce a 1:1 scale virtual reality immersive experience out of their BIM semester project.

### **DDFT 475 | COLLABORATIVE BUILDING INFORMATION MODELING (1-4-3)**

**Prerequisite:** DDFT 474 | S, SI, and Upon demand

In this BIM II sequence course, students build on the principles and application essentials learned in BIM I. Students are required to focus on advanced custom architectural and furniture modeling as well as integrate the architecture and the interior design with the structural and the MEP systems. Advanced BIM application tools are introduced for students to exercise project collaboration and interference checking on all integrated building components.

### **DPST 209 | SELECTED TOPICS IN DIGITAL PRODUCTION AND STORYTELLING (2-2-3)**

**Prerequisite:** approval of the Dean | Upon demand

The course aims at presenting various topics in Digital Production and Storytelling that are of interest to the students and the instructor. The course intends to widen and deepen the students' understanding of various issues related to the broadcast industry.

### **DPST 302 | MEDIA AND PUBLIC SERVICE (3-0-3)**

**Prerequisites:** COMM 241 or COMM 222 | S

This course explores the role of media in promoting health, education, public safety, and issues of public concern. A case study approach will involve students in research and planning media campaigns in these fields.

### **DPST 323 | SCREENWRITING AND PRODUCING FOR TV AND THE WEB (2-2-3)**

### **Prerequisite: DPST 340 | S**

Students study the format of series for television and the web. In a “writers’ room” set-up, they create and develop a “show bible” for an original web series. In groups, students participate in the pre-production, production, and post-production of the pilot episode.

### **DPST 340 | INTERMEDIATE PRODUCTION (1-4-3)**

**Prerequisite: COMM 241, COMM 232 (for DPST students), or COMM 243 (for JOUR students), or VCDM 221 and VCDM 222 (for VC students) | F**

This course expands the student’s practical experience in production, enhances their understanding of the set protocol, and helps them develop their storytelling skills. In groups, students produce a short fiction film, a free form video production and an EFP (Electronic Field Production) multi-camera short program. By rotating different crew positions, students get to participate in producing, directing actors, cinematography, sound recording and editing and studio management.

### **DPST 361 | ONLINE COMMUNITIES (2-2-3)**

**Prerequisite: ENGL 103, COMM 103 | F**

This course examines the establishment, workings, and effects of online communities. It explores the development of Web 1.0 to Web 2.0 along with virtual communities. The students will scrutinize such online tools as blogs, social networks, business networking, virtual worlds, and other online communities.

### **DPST 422 | CAPSTONE STORYTELLING (2-2-3)**

**Prerequisite: DPST 323 | F**

The purpose of this course is to expand students’ development in the narrative conventions of advanced screenwriting including theme, plot, structure and characters. The course, will expose the students to the language of cinematic screenwriting and three-act screenplay structure for the short film made for television, which they can employ in other audiovisual media platforms.

### **DPST 441/JOUR 441 | THE DOCUMENTARY (2-2-3)**

**Prerequisite: DPST 340 (for DPST students), JOUR 322 (for JOUR students) | F**

This course provides an overview of the history, theory, and genres of documentary films. Students learn to analyze and critique a variety of historical and contemporary documentaries, while developing and producing short documentaries through team work.

### **DPST 444 | CAPSTONE PRODUCTION (2-2-3)**

**Prerequisite: DPST 422 | S**

The short fiction scripts that had been written in DPST 422 are produced in this course. In groups, students will put their cumulative experience in preproduction, production, and post-production to produce a well-crafted short film at an advanced level.

### **DPST 461 | INTERNSHIP (0-15-3)**

**Prerequisite: Senior Status | S, and Upon demand**

A carefully supervised internship with a media organization approved by the faculty supervisor. Students are required to submit a detailed ongoing journal and a final report as defined by the faculty supervisor.

### **ECON 201 | PRINCIPLES OF MICROECONOMICS (3-0-3)**

**Prerequisite: MATH 200 or MATH 201 | F, S, SI, SII**

Economic theory of the firm; resource allocation and price determination; the free market supply/demand mechanism; and pure and imperfect competition models are analyzed. Students must receive at least a **C grade** in this course in order to register for additional Economics Major courses.

### **ECON 202 | PRINCIPLES OF MACROECONOMICS (3-0-3)**

**Prerequisite: ECON 201 | F, S, SI, SII**

Factors determining aggregate economic performance; employment, output, income, price level, economic growth and fluctuations, monetary and fiscal governmental policy; and evolution of economic doctrines are studied. Students must receive at least a C grade in this course in order to register for additional Economics Major courses.

### **ECON 302 | MONEY AND BANKING (3-0-3)**

**Prerequisites: completion of ECON 201 with a grade of C or higher, ECON 202 | F, S**

This course covers the nature of monetary and banking theory; banking history; measurement factors used in determining economic activity; interrelationship of commercial banking system and foreign exchange transactions;

balance of international payments; and financial intermediaries. In this course, we will learn about the determinants and impact of interest rates, the stock market, central and commercial banks operation and international financial architecture.

### **ECON 310 | HISTORY OF ECONOMIC THOUGHT (3-0-3)**

**Prerequisites:** completion of ECON 201 with a grade of C or higher, ECON 202 | F, SI

Students completing this course will have obtained in depth knowledge of the history of economic thought, and its relationship to the rise of capitalism as a social, and increasingly global system. It is of important that students majoring in economics understand the historical context in which it has developed. Such knowledge allows students to better grasp complex economic phenomena such as the organization of capital markets, as well as the production and distribution of wealth, form both a historical and contemporary perspective.

### **ECON 311 | MANAGERIAL ECONOMICS (3-0-3)**

**Prerequisites:** completion of ECON 201 with a grade of C or higher, ECON 202 | S, SI

This course is an advanced analysis of rational economic decision-making in a managerial context. Topics include demand estimation, project analysis, business and economic forecasting, market structure and competition.

### **ECON 312 | INTERMEDIATE MICROECONOMICS (3-0-3)**

**Prerequisites:** completion of ECON 201 with a grade of C or higher, ECON 202 | F, S

This course provides students with a more advanced treatment of the topics covered in principles of microeconomics. Particular emphasis is placed on resource allocation and price determination, as determined by consumers' and firms' behaviors. The course explores in detail the concepts of equilibrium and non-competitive markets. It also includes an introduction to game theory, and an advanced treatment of welfare economics, beyond that covered in principles courses.

### **ECON 313 | INTERMEDIATE MACROECONOMICS (3-0-3)**

**Prerequisites:** completion of ECON 201 with a grade of C or higher, ECON 202 | F, S

Macroeconomics is the study of aggregate economic variables such as total production, the general price level, overall employment, total investment and savings, etc. in a specific country. The task of macroeconomists is to understand the fundamental relationships between these variables in order to make better predictions about the economy and advice on public policy. In this course, we will learn about macroeconomic variables and institutions, and use standard macroeconomic models in an attempt to understand why economies experience recessions and booms and what policy options governments might use to avoid decrease (or promote increases) in the standards of living.

### **ECON 401 | INDUSTRIAL ORGANIZATION (3-0-3)**

**Prerequisite:** grade of C or higher in ECON 201 | S

The course begins with an examination of basic theoretical models of the behavior of firms under different market structures such as perfect competition, oligopoly and monopoly. The focus then shifts to the applications of economics in antitrust cases. Industry cases and applications of antitrust policies are studied with an emphasis on the structure-conduct-performance approach to industrial organization.

### **ECON 402 | INTERNATIONAL ECONOMICS (3-0-3)**

**Prerequisites:** a grade of C or higher in ECON 202; completion of FINA 201 | S

This advanced elective course considers the current theories and the practical consequences of international trade. A variety of forms of commercial policy as a means of regulating trade are examined. Internal financial flows and exchange rate mechanisms are also considered. The domestic consequences for organizations of exchange rate policy are examined.

### **ECON 441 | PUBLIC FINANCE (3-0-3)**

**Prerequisites:** grade of C or higher in ECON 201, ECON 202 | F

The focus of this course is on the economics of the public sector. Topics covered include the government budget and its impact on resource allocation, income distribution and economic stabilization; the government budgeting process and the principles and problems of budget determination, including both tax and expenditure aspects; tax shifting and incidence; and fiscal and debt management policies.

### **ECON 442 | OIL AND ENERGY ECONOMICS (3-0-3)**

**Prerequisites:** ECON 312, ECON 313 | S

The course provides students with an overview of the economics of energy markets, as well as the determinants of recent and historical price trends in the industry. Students are provided with an introduction into energy trading, and how such trading is influenced by economic and political events.

### **ECON 460 | APPLIED ECONOMETRICS (3-0-3)**

**Prerequisites:** *ECON 312, QUAN 301 | F, S*

Econometrics is the application of statistical methods for the purpose of testing economic and business theories. Economic analysis and forecasting require a solid understanding of the principles of econometrics. This course will introduce students to the skills used in empirical research including, but not limited to, data collection, hypothesis testing, model specification, regression analysis, violations of regression assumptions and corrections, dummy variables and limited dependent variable models. Extensive focus will be on the intuition and application of econometric methods. This course is a more practical approach to econometrics. We will focus on using theory and software to application of econometrics to every-day problems. More importantly we'll cover the practical issues of choosing a research topic, obtaining data and conducting analysis.

### **ECON 491 | SPECIAL TOPICS IN ECONOMICS (3-0-3)**

**Prerequisite:** *Senior Status or approval of the Chair, grade of C or higher in ECON 201 |*

**Upon demand**

This course represents a critical study into the theory, research and practical applications of an advanced topic in economic, one that is not covered in other economics courses. The specific topics will be determined by the interest of students and the instructor.

### **ECVL 210 | ENGINEERED MATERIALS W/LAB (3-3-4)**

**Prerequisites:** *CHEM 201, ENGG 270 | F, S*

Physico-chemical properties of construction materials. Atomic structure and phase diagrams. Corrosion and chemical degradation. Material hardness, durability, fracture, ductility, and strengthening mechanisms. Engineering shop experience.

### **ECVL 268 | MECHANICS OF MATERIALS ( 3-0-3)**

**Prerequisite:** *ENGG 270 | F, S*

Analysis of stresses and strains in two and three dimensions. Stress transformation and Mohr's circle. Torsion of circular sections, bending of beams, shear flow, and buckling of axially loaded members.

### **ECVL 305 | GEOMATICS W/LAB (3-2-3)**

**Prerequisites:** *ENGG 200, ENGG 210, ENGG 222 | F, S*

Geospatial data collection equipment and methods including surveying, leveling, traversing, and GPS measurements. Geometric design of roadway alignments and cross sections. Cut and fill sections. Lab and field work.

### **ECVL 330 | FLUID MECHANICS W/LAB (3-2-3)**

**Prerequisites:** *ENGG 275 | F, S*

Mechanics of fluids with emphasis on control volume analysis of flowing fluids using kinematics, continuity, energy, and momentum principles. Introduction to open channel flow and applications to real fluids.

### **ECVL 340 | ENVIRONMENTAL ENGINEERING W/LAB (3-2-3)**

**Prerequisites:** *BIOL 201, CHEM 201, ENGG 200 | S, SI*

Environmental engineering issues associated with water, air, and land pollution. Risk assessment, groundwater contamination, environmental chemistry, global climate change, and sustainable technologies.

### **ECVL 350 | TRANSPORTATION ENGINEERING W/LAB (3-2-3)**

**Prerequisite:** *ECVL 305 | S, SI*

Introduction to the planning, operation, and evaluation of transportation systems. Human, vehicular, and roadway characteristics. Traffic flow fundamentals, bottleneck, and queuing theories. Structural characteristics and loading conditions of pavements. Design and performance of transportation facilities.

### **ECVL 360 | STRUCTURAL ANALYSIS I W/LAB (3-3-4)**

**Prerequisites:** *ECVL 268, MATH 230 | F, S*

Loads and structural systems. Internal forces in statically determinate structures. Deflection of statically determinate structures using various methods. Analysis of statically indeterminate structures by the compatibility method. Moment distribution for beams and frames. Analysis using commercial software.

### **ECVL 368 | REINFORCED CONCRETE DESIGN I (3-0-3)**

**Prerequisites:** *ECVL 210, ECVL 360, ENGG 255 | F, S*

Methodologies and codes for design of reinforced concrete elements. Design of members for flexure, shear, and bond development. Detailing of continuous beams, one-way slabs, short columns, and footings. Design project.

### **ECVL 370 | GEOTECHNICAL ENGINEERING I W/LAB (3-3-4)**

**Prerequisites:** *ECVL 210, ECVL 330, MATH 240 | F, S*

Introduction to engineering classification, mechanical behavior, and compaction of soils. Effective stresses and seepage. Spatial stress distribution and consolidation. Introduction to shear strength, foundation design, and site exploration.

### **ECVL 380-389 | LABORATORY TOPICS IN CIVIL ENGINEERING (0-3-1)**

**Prerequisite:** *approval of the Dean | Upon demand*

Laboratory topics of interest to students and faculty which are not available in the existing Civil Engineering curriculum can be offered through this course. Prior approval of the course material and syllabus by the Dean is required.

### **ECVL 399 | FIELD EXPERIENCE IN CIVIL ENGINEERING (1-25-2)**

**Prerequisites:** *ECVL 350, ECVL 360, ECVL 370, PSPK 101 | INT*

Practical field experience, involving work on real civil engineering projects. Technical work under the supervision of a civil engineer, with emphasis on design and construction. Development and implementation of teamwork and project management skills. Professional and ethical issues in the engineering workplace.

### **ECVL 420 | CONSTRUCTION ENGINEERING AND MANAGEMENT (3-0-3)**

**Prerequisite:** *ECVL 368 or ECVL 370 | F, S*

Fundamental concepts in planning, design, and construction of civil engineering projects. The course topics cover project delivery systems, sustainability in construction, contracts, cost estimating, project scheduling, cash flow analysis, and project controls.

### **ECVL 422 | CONSTRUCTION OPERATIONS AND PROCESSES (3-0-3)**

**Prerequisite:** *ECVL 420 | S*

Site layout and integrated operations design for common civil infrastructure and construction works such as excavation, reinforced concrete, structural steel, and finishing works. Selection of equipment, fleet design, resource allocation, productivity analysis, and construction safety considerations. Design project.

### **ECVL 433 | HYDRAULIC ENGINEERING (3-0-3)**

**Prerequisite:** *ECVL 330 | S*

Applications of fluid mechanics to engineered and natural hydraulic systems. Open channel flow, fluid drag, pipe networks, design of hydraulic structures, and environmental hydraulics. Computational methods in hydraulics. Design project.

### **ECVL 440 | SUSTAINABLE ENGINEERING DESIGN (3-0-3)**

**Prerequisite:** *ECVL 340 | F*

Implications of sustainability for engineering design and practice. LEED, life cycle analysis, and environmental impact assessment. Models, software tools, and applications in water management, construction material selection, and energy use.

### **ECVL 444 | WATER AND WASTEWATER ENGINEERING (3-0-3)**

**Prerequisites:** *ECVL 330, ECVL 340 | F*

Unit operations in water, wastewater, and groundwater treatment. Design of water and wastewater treatment operations and processes using bench-scale experiments and software. Preliminary cost estimates. Design project.

### **ECVL 451 | PAVEMENT ENGINEERING (3-0-3)**

**Prerequisites:** *ECVL 350, ECVL 370 | S (even years)*

Analysis and design of flexible and rigid pavements for highways and airfields. Advanced technologies and materials for pavements. Performance evaluation and rehabilitation of distressed pavement.

### **ECVL 455 | TRAFFIC ENGINEERING (3-0-3)**

**Prerequisite:** ECVL 350 | F

Introduction to traffic operations, safety, and evaluation of traffic systems. Traffic data collection and analysis methods. Interrupted traffic flow fundamentals and shockwave theory. Intersection control warrants and intersection design. Parking studies and parking design. Introduction to intelligent transportation systems.

### **ECVL 458 | TRANSPORTATION PLANNING (3-0-3)**

**Prerequisite:** ECVL 350 | S (even years)

Transportation planning procedures and processes. Traffic forecast using the traditional four-step models of trip generation, trip distribution, modal split, and route assignment. Traffic impact studies of new urban developments.

### **ECVL 460 | STRUCTURAL ANALYSIS II (3-0-3)**

**Prerequisite:** ECVL 360 | S (even years)

Influence lines, moving loads, and approximate methods of analysis. Flexibility vs. stiffness techniques. Slope deflection method. Direct stiffness method for trusses and framed structures.

### **ECVL 462 | STRUCTURAL DYNAMICS (3-0-3)**

**Prerequisites:** ECVL 360, ENGG 275 | S (odd years)

Response of single and multiple DOF systems to dynamic excitation under free and forced vibration. Frequency response analysis and response spectra of linear systems. Introduction to earthquake engineering.

### **ECVL 464 | BRIDGE ENGINEERING (3-0-3)**

**Prerequisite:** ECVL 368 | S (even years)

Design, inspection, and repair methodologies for bridges in emerging and mature infrastructures. Structural systems for short-, moderate- and long-span crossings. Design procedures for steel, concrete, and composite elements. Design project.

### **ECVL 466 | STRUCTURAL STEEL DESIGN (3-0-3)**

**Prerequisites:** ECVL 210, ECVL 360 | F

Behavior of structural steel in tension and compression. Design methods for tension and compression members and beams. Design and analysis of welded and bolted connections. Design project.

### **ECVL 468 | REINFORCED CONCRETE DESIGN II (3-0-3)**

**Prerequisite:** ECVL 368 | S (odd years)

Short columns under biaxial bending, slender columns, and torsion in beams. Direct design and equivalent frame method for two-way slabs, and flat slabs. Design of prestressed concrete for flexure and shear, and loss of prestress.

### **ECVL 470 | GEOTECHNICAL ENGINEERING II (3-0-3)**

**Prerequisite:** ECVL 370 | F, S

Design and analysis of geotechnical structures, including shallow and deep foundations, and earth retaining structures. Analysis and remediation of slope instability. Ground improvement techniques. Design Project.

### **ECVL 480-489 | SPECIAL TOPICS IN CIVIL ENGINEERING (3-0-3)**

**Prerequisite:** approval of the Dean | Upon demand

Topics of interest to students and faculty which are not available in the existing Civil Engineering curriculum can be offered through this course. Prior approval of the course material and syllabus by the Dean is required.

### **ECVL 499 | CIVIL ENGINEERING DESIGN PROJECT (3-3-4)**

**Prerequisite:** ECVL 399, **Corequisites:** ECVL 420, ECVL 470 | F, S

Interdisciplinary course covering a broad range of civil engineering topics. Integrated team design project involving structural and geotechnical design, transportation planning, environmental assessment, construction management, cost estimates, plans and specifications.

### **EECE 200 | LINEAR CIRCUIT ANALYSIS I W/LAB (3-3-4)**

**Prerequisite:** PHYS 202 with a grade of C or higher, **Corequisite:** MATH 231 (students will not receive credit for both EECE 200 and EECE 201) | F, S

Physical principles underlying circuit model elements. Basic circuit elements, resistance, inductance, and capacitance. Independent and controlled sources and OpAmps. Analysis of steady-state and transient responses. First and second-order circuits.



### **EECE 201 | ELECTRIC CIRCUIT THEORY (3-0-3)**

**Prerequisites:** MATH 231, PHYS 202 (students will not receive credit for both EECE 200 and EECE 201) | F, S

Fundamentals of electric circuit theory for first- and second-order linear circuits. Conceptual and working understanding of basic circuit elements, resistance, inductance, and capacitance. Independent and controlled power sources and operational amplifiers. Introduction to analysis of steady-state and transient responses of first-order circuits.

### **EECE 205 | LINEAR CIRCUIT ANALYSIS II W/LAB (3-3-4)**

**Prerequisites:** EECE 200, MATH 231 | S, SI

Analysis of sinusoidal steady-state systems. Frequency response and Bode plots. Circuit analysis using mathematical transforms, convolution integrals, state variable methods, and transfer functions. Simulation software applications.

### **EECE 240 | DIGITAL SYSTEM DESIGN W/LAB (3-3-4)**

**Prerequisites:** EECE 200 | S, SI

Introduction to digital logic design. Boolean algebra and switching theory, logic minimization and K-maps, combinational design, programmable logic, state elements, synchronous sequential design, and basic memory structure.

### **EECE 250 | INTERMEDIATE PROGRAMMING (3-0-3)**

**Prerequisite:** ENGG 140 | F, S

Object-oriented programming for advanced problem solving. Abstract classes, inheritance, and polymorphism. Advanced flow control instructions, abstract data types, I/O streams, and memory management. Elementary data structures.

### **EECE 300 | MICROELECTRONIC DEVICES AND CIRCUITS I, W/LAB (3-2-3)**

**Prerequisites:** CHEM 201, EECE 205 | F

Conceptual and functional description of the characteristics of microelectronic devices, semiconductors, PN junctions, diode circuits, BJT and FET's. Load-line analysis, biasing and Small-signal analysis, digital logic circuits. Design Project.

### **EECE 305 | MICROELECTRONIC DEVICES AND CIRCUITS II (3-0-3)**

**Prerequisite:** EECE 300 | S

Analysis and design of electronic circuits and systems. Single-stage and multistage amplifiers, frequency response, feedback amplifiers, power amplifiers, oscillators, memory and data converter circuits. Advanced digital technologies.

### **EECE 310 | APPLIED ELECTROMAGNETICS I (3-0-3)**

**Prerequisites:** EECE 205, MATH 240 | F

Vector analysis. Coulomb's law and the static electric field. Electric flux and Gauss' law. Electrostatic work, energy, and potential. Capacitance and dielectric materials. Current and conductors. Laplace's equation. Ampere's law and the static magnetic field. Magnetic materials and properties. Faraday's law and induction.

### **EECE 315 | APPLIED ELECTROMAGNETICS II W/LAB (3-2-3)**

**Prerequisites:** EECE 310, ENGG 255 | S

Time-varying fields and Maxwell's equations. Electromagnetic waves and propagation. Reflection and transmission of plane waves. Theory and applications of transmission lines. The Smith chart. Impedance matching and transmission line circuits. Introduction to waveguides.

### **EECE 320 | SIGNALS AND SYSTEMS W/LAB (3-2-3)**

**Prerequisites:** EECE 205, ENGG 222 | F, S

Introduction to signals and systems, including time and frequency-domain representations of signals and linear time-invariant systems. Laplace transform and z-transform. Applications in analog and digital filters, communication systems and linear feedback systems.

### **EECE 323 | FUNDAMENTALS OF DIGITAL SIGNAL PROCESSING (3-0-3)**

**Prerequisite:** EECE 320 | S

Fundamental concepts and techniques for digital signal processing. Fourier transform, DFS, DFT and FFT. Analysis of linear time-invariant systems. Structures for discrete-time systems. Digital filter design.

### **EECE 326 | COMMUNICATION SYSTEMS I W/LAB (3-2-3)**

**Prerequisites:** EECE 320, ENGG 300 | S

Random processes. Analysis of amplitude and frequency modulations. Sampling, quantization and pulse amplitude modulation, Frequency and time division multiplexing, Baseband pulse transmission and the effects of noise and inter-symbol interference.

### **EECE 330 | ELECTRIC POWER SYSTEMS W/LAB (3-2-3)**

**Prerequisites:** EECE 205, ENGG 222 | S

Balanced three phase real and reactive power. Power factor and power factor correction. System model and per unit analysis. Transmission line parameters and performance. Power flow and usage for system planning and design.

### **EECE 340 | INTRODUCTION TO MICROPROCESSORS W/LAB (3-2-3)**

**Prerequisites:** EECE 240, EECE 250 | F, S

Introduction to architecture, operation, and application of microprocessors. Assembly programming language, address decoding, and system timing. Parallel, serial, and analog I/O, interrupts and direct memory access. Interfacing to static and dynamic RAM.

### **EECE 345 | COMPUTER ARCHITECTURE W/LAB (3-2-3)**

**Prerequisite:** EECE 340 | S

Instruction set architecture (ISA) design and analysis. High-level languages, compilers, and ISA interaction. Simple and pipelined datapath/control path processor design. Memory hierarchy and caches. Performance evaluation and analysis.

### **EECE 350 | DATA STRUCTURES AND ALGORITHMS (3-0-3)**

**Prerequisites:** EECE 250, MATH 250 | F

Abstract data types and data representation in static and dynamic collections: queues, sets, lists, trees and graphs. Storage allocation and collection techniques. Basic algorithms for manipulation and characterization of stored data. Performance characterization and evaluation.

### **EECE 355 | SOFTWARE ENGINEERING (3-0-3)**

**Prerequisite:** EECE 250, ENGG 255 | S

Modern software engineering methods and principles that enable development of quality software. Use of UML to model computer software components, pathways, and processes. Overview and analysis of the software life cycle from planning to production.

### **EECE 360 | COMPUTER NETWORKS (3-0-3)**

**Prerequisite:** ENGG 200 or ENGG 300 | S

OSI model and its instantiation in TCP/IP, with emphasis on the value of standards. Overview of the seven layers, focusing on Transport, Network, and Physical layers. Routing and switching, IP addressing, and wired and wireless Ethernet.

### **EECE 380-389 | LABORATORY TOPICS IN ELECTRICAL AND COMPUTER ENGINEERING (0-3-1)**

**Prerequisite:** approval of the Dean | Upon demand

Laboratory topics of interest to students and faculty which are not available in the existing Computer or Electrical Engineering curricula will be offered through this course. Prior approval of the course material and syllabus by the Dean is required.

### **EECE 398 | FIELD EXPERIENCE IN ELECTRICAL ENGINEERING (1-25-2)**

**Prerequisites:** EECE 300, EECE 326, EECE 330, PSPK 101 | SI

Practical field experience, involving work on real electrical engineering projects. Technical work under the supervision of an electrical engineer. Development and implementation of teamwork and project management skills. Professional and ethical issues in the engineering workplace.

### **EECE 399 | FIELD EXPERIENCE IN COMPUTER ENGINEERING (1-25-2)**

**Prerequisites:** EECE 340, EECE 350, EECE 360, PSPK 101 | SI

Practical field experience, involving work on real computer engineering projects. Technical work under the supervision of a computer engineer. Development and implementation of teamwork and project management skills. Professional and ethical issues in the engineering workplace.

### **EECE 410 | ANTENNA THEORY (3-0-3)**

**Prerequisite:** EECE 315 | F (odd years)

Antenna parameters such as radiation pattern, directivity and gain, polarization, input impedance, radiation efficiency. Wire, array, aperture, and microstrip antenna. Software based antenna design. Antenna measurements.

### **EECE 426 | COMMUNICATION SYSTEMS II (3-0-3)**

**Prerequisite:** EECE 326 | F

Geometric representation of signals and signal-space analysis. Digital modulation by phase shift keying, quadrature amplitude modulation, frequency shift keying and their individual variants. Spread spectrum modulation. Error correction coding.

### **EECE 428 | WIRELESS COMMUNICATION (3-0-3)**

**Prerequisite:** EECE 326 | S

Radio wave propagation, paths loss models, Multipath fading in wireless channels. The cellular concept. Modulation techniques for wireless communication. Equalization, diversity and coding, and multiple access techniques in wireless networks.

### **EECE 430 | ENERGY ENGINEERING (3-0-3)**

**Prerequisite:** EECE 330 | F

Introduction to electromechanical power conversion and transformers. Synchronous machines, asynchronous (induction) machines, and operating principles of AC and DC machinery. Introduction to alternative and renewable energy with emphasis on solar and wind energy.

### **EECE 433 | ELECTRIC DRIVES (3-0-3)**

**Prerequisite:** EECE 330 | S

Basic AC and DC variable speed motor drives. Variable voltage and variable frequency drives for induction motors, including flux vector control. Fundamentals of power electronics for motor drives. Design of system interface, control, and commissioning.

### **EECE 434 | SMART GRID ANALYSIS FOR SUSTAINABLE ENERGY (3-0-3)**

**Prerequisite:** EECE 330 | S

This course provides an overview of distributed generation systems and smart power grids. The course covers the technical aspects, control, modeling, and load flow analysis of smart grids. The environmental and economic aspects of smart grids and distributed generators are also presented.

### **EECE 435 | POWER SYSTEM PROTECTION AND RELAYING (3-0-3)**

**Prerequisite:** EECE 330 | F

Electric system fault analysis, current calculation, fault protection, and device selection. Protection of transmission lines and buses, transformers, generators, synchronous machines, and induction motors. Computational methods for design of power systems protection.

### **EECE 437 | SOLAR ENERGY SYSTEMS (3-0-3)**

**Prerequisite:** EECE 330 | F

Deep analysis of photovoltaic systems and their integration within the electric power network. Characteristics of photovoltaic cells and modules, photovoltaic system components, and design of effective standalone and grid-connected systems.

### **EECE 440 | EMBEDDED SYSTEM DESIGN W/LAB (3-2-3)**

**Prerequisite:** EECE 340 | F

Microcontroller structure, instruction set, and peripherals. Digital and analog I/O, interrupts, timers and event counters, and serial communication. Efficient microcontroller programming with assembly and C. Real-time kernels and scheduling techniques.

### **EECE 442 | SYNTHESIS WITH HDL (3-0-3)**

**Prerequisite:** EECE 340 | Upon demand

Fundamental concepts, techniques, and tools for computer-aided design of digital systems. Modeling, simulation, and verification of digital systems using hardware descriptive languages at the register transfer level (RTL).

### **EECE 448 | DIGITAL INTEGRATED CIRCUIT DESIGN (3-0-3)**

**Prerequisite:** EECE 340 | *Upon demand*

VLSI design process in CMOS technology. Advanced CMOS transistor modeling. CMOS gates timing and power modeling. Interconnect modeling and analysis techniques. SPICE circuit simulation. Digital chip design and fabrication. Digital memory design.

### **EECE 450 | OPERATING SYSTEMS (3-2-3)**

**Prerequisites:** EECE 345, EECE 350 | *F*

Fundamental concepts related to the design of operating systems: process and thread scheduling and synchronization; deadlock prevention; memory management; I/O management; file systems and storage management; and security.

### **EECE 452 | RELATIONAL DATABASES (3-0-3)**

**Prerequisites:** EECE 350 | *Upon demand*

Database modeling and implementation. Relational data modeling and modeling tools: entity relationship, table normalization, and schema implementation. Structured Query Language. Storage allocation and management. Embedded database systems.

### **EECE 453 | ARTIFICIAL INTELLIGENCE (3-0-3)**

**Prerequisites:** EECE 350 | *Upon demand*

Concepts and methods of Artificial Intelligence including intelligent agents, planning, learning, reasoning, perception, and game theory. First and second order logic, heuristic search, and symbolic search algorithms. Programming techniques for AI and machine learning. Applications in robotics and search algorithms.

### **EECE 454 | INTRODUCTION TO MACHINE LEARNING (3-0-3)**

**Prerequisites:** EECE 350, ENGG 300 | *Upon demand*

The course provides a broad perspective on machine learning approaches and techniques with the focus on solving real-world problems. The course is application-oriented and trains students on the use of modern programming tools to process data and implement useful solutions. The covered topics include supervised learning, unsupervised learning, regression, classification, clustering, dimensionality reduction, and generative methods.

### **EECE 455 | DIGITAL IMAGE PROCESSING (3-0-3)**

**Prerequisite:** EECE 323 | *Upon demand*

Digital Imaging Fundamentals. Human visual perception and color. 2-D Fourier space, sampling, and reconstruction. Image enhancement in the spatial domain. Image enhancement in the frequency domain. Image restoration. Color image processing.

### **EECE 457 | MOBILE APPLICATIONS (3-0-3)**

**Prerequisites:** EECE 355, EECE 360 | *F (odd years)*

Introduction to mobile computing including the theory and paradigms of wireless networks and mobile device technology, architecture, and applications. Topics include mobile security, location-based services, synchronization, and development of thin-client applications.

### **EECE 470 | SYSTEMS AND CONTROLS (3-0-3)**

**Prerequisites:** EECE 300, EECE 320 | *F*

Mathematical models of systems. State-variable model. Performance and stability of feedback control systems. Root locus method. Frequency response methods. Design of feedback control systems.

### **EECE 480-489 | SPECIAL TOPICS IN ELECTRICAL AND COMPUTER ENGINEERING (3-0-3)**

**Prerequisite:** *approval of the Dean* | *Upon demand*

Topics of interest to students and faculty which are not available in the existing Electrical and Computer Engineering curricula will be offered through this course. Prior approval of the course material and syllabus by the Dean is required.

### **EECE 498 | ELECTRICAL ENGINEERING DESIGN PROJECT (3-3-4)**

**Prerequisite:** EECE 398, **Corequisite:** EECE 470 | *F, S*

Interdisciplinary course covering a broad range of electrical engineering topics. Integrated team design project involving design of a multi-component electrical system within realistic constraints, cost estimates, plans and specifications.

### **EECE 499 | COMPUTER ENGINEERING DESIGN PROJECT (3-3-4)**

**Prerequisite:** EECE 399, **Corequisites:** EECE 440, EECE 450 | F, S

Interdisciplinary course covering a broad range of computer engineering topics. Integrated team design project involving software and hardware design within realistic constraints, cost estimates, plans and specifications.

### **EMEC 210 | STRUCTURE AND PROPERTIES OF MATERIALS W/LAB (3-3-4)**

**Prerequisites:** CHEM 201, PHYS 202 | F, S

Physical properties of solid materials at the macroscopic and microscopic levels. Atomic bonding, crystal structure, chemical bonding, phase transformation, dislocation, and fracture. Engineering properties of metals, alloys, ceramics, polymers, and composite materials. Introduction to nanomaterials. Laboratory experiments.

### **EMEC 320 | SOLID MECHANICS I (3-0-3)**

**Prerequisites:** EMEC 210, ENGG 275 | F, S

Analysis of stresses and strains in two and three dimensions. Principal stresses, maximum shear stress, Mohr circle, and stress transformation. Shear force and bending moment diagrams. Extension, torsional rotation, bending, and buckling of machine elements. Stresses and strains in membranes, pressure vessels, and pipes.

### **EMEC 330 | FLUID DYNAMICS W/LAB (3-3-4)**

**Prerequisites:** ENGG 275, MATH 240 | F, S

Review of fluid statics, barometry, and buoyancy. Dynamics of fluids with emphasis on control volume analysis of flowing fluids using kinematics, continuity, energy, and momentum principles. Local analysis using continuity and Navier-Stokes Equations. Viscous flow analysis, boundary layers, pipe flow, and drag. Dimensional analysis and similitude. Laboratory experiments.

### **EMEC 340 | THERMODYNAMICS (3-0-3)**

**Prerequisites:** ENGG 275 | F, S

First law of thermodynamics. Thermodynamic properties of pure substances, energy and mass conservation, and entropy. Second Law of thermodynamics, gas and vapor cycles, energy system analysis and power cycles. Principles of heating and refrigeration. Thermodynamics of reacting mixtures.

### **EMEC 345 | HEAT AND MASS TRANSFER W/LAB (3-2-3)**

**Prerequisites:** EMEC 330, EMEC 340 | F, S

Transport and conservation of mass, momentum, and energy. Heat transfer by conduction, convection, and radiation. Mass transfer by convection and diffusion. Transport coefficients and principles of heat and mass exchange. Steady state and transient conditions in mass and heat transfer. Laboratory experiments.

### **EMEC 350 | DESIGN OF MECHANICAL SYSTEMS W/LAB (3-2-3)**

**Prerequisites:** EMEC 320, ENGG 255 | F, S

Design of machine elements, including springs, fasteners, shafts, gears, cams, and bearings. Mechanical power transmission. Static and cyclic failure mechanisms of machine components. Lubrication, friction, wear, and dimensional tolerances. Integration and assembly of machine elements. Laboratory design experience.

### **EMEC 360 | ELECTRONICS AND INSTRUMENTATION W/LAB (3-3-4)**

**Prerequisites:** EECE 201, ENGG 200 | F, S

Analog and digital measurement, instrumentation, and data acquisition systems. Noise reduction and frequency domain techniques. Linear and nonlinear calibration of instruments, and error analysis. Applications including strain, displacement, velocity, acceleration, flow rate, pressure, and temperature. Lab experiments and documentation.

### **EMEC 365 | CONTROL SYSTEMS W/LAB (3-2-3)**

**Prerequisites:** EMEC 360, ENGG 222 | F, S

Principles of system dynamics and feedback in open- and closed-loop systems. Sequencing control, linear feedback systems, non-linear systems, and discrete systems. System stability and closed-loop system analysis and design using proportional, integral, and derivative elements. Software-based simulation of system dynamics and control.

### **EMEC 380-389 | LABORATORY TOPICS IN MECHANICAL ENGINEERING (0-3-1)**

**Prerequisite:** approval of the Dean | Upon demand

Laboratory topics of interest to students and faculty which are not available in the existing Mechanical Engineering curriculum will be offered through this course. Prior approval of the course material and syllabus by the Dean is required.

### **EMEC 399 | FIELD EXPERIENCE IN MECHANICAL ENGINEERING (1-25-2)**

**Prerequisites:** EMEC 345, EMEC 350, EMEC 360, PSPK 101 | INT

Practical field experience, involving work on real mechanical engineering projects. Technical work under the supervision of a mechanical engineer. Development and implementation of teamwork and project management skills. Professional and ethical issues in the engineering workplace.

### **EMEC 400 | COMPUTER-AIDED MECHANICAL DESIGN (3-0-3)**

**Prerequisite:** EMEC 350 | F

Project-based implementation of CAD, CAE, and CAM systems for mechanical production. Geometric modeling, prototyping, and product development using software applications. Limitations on CAD and CAE systems, including economic constraints, safety, sustainability, and manufacturability.

### **EMEC 433 | TURBOMACHINERY (3-0-3)**

**Prerequisites:** EMEC 330, EMEC 340 | S

Principles of fluid dynamics and thermodynamics governing the performance and efficiency of combustion, steam, wind, and hydraulic turbomachinery. Rotor-fluid energy exchange, vortex flow, losses in nozzles and diffuser, and blade element performance. Design of centrifugal pumps, axial compressors multistage turbomachinery, and wind turbines.

### **EMEC 435 | ENGINEERING AERODYNAMICS (3-0-3)**

**Prerequisite:** EMEC 330 | S (even years)

Principles of subsonic aerodynamics, including airfoils, force and moment coefficients, lift, and drag. Kelvin circulation theorem, thin airfoil theory, vortex panel method, and pressure integration. Design of wings, power and thrust, and lifting line theory. Aircraft design, control, stability, and flight takeoff and landing. Safety and reliability implications.

### **EMEC 438 | COMPUTATIONAL FLUID DYNAMICS (3-0-3)**

**Prerequisites:** ENGG 222, EMEC 330 | S (odd years)

Flow of compressible fluids and advanced dynamics of fluids. Numerical and computational modeling of fluid flow and fluid transport. Introduction to finite difference and finite volume method solutions. Software implementation including mesh generation, selection of model parameters, solution techniques, and interpretation of results.

### **EMEC 440 | ENERGY SYSTEMS W/LAB (3-2-3)**

**Prerequisite:** EMEC 345 | F

Principles of energy conversion. Performance of heat exchangers and efficiency of refrigerators, fans, motors, turbines, and compressors. Thermodynamics of combustion processes. Environmental, economic, and societal aspects of energy generation from fossil fuel, solar, wind, nuclear, and geothermal systems. Laboratory experiments.

### **EMEC 444 | DESIGN OF HVAC SYSTEMS (3-0-3)**

**Prerequisite:** EMEC 345 | F

Design and analysis of vapor-compression and absorption refrigeration systems. Principles of thermal comfort, air conditioning, and dehumidification. Load estimates, delivery losses, air distribution and ventilation control. Environmental regulations and implications of thermal insulation in terms of energy conservation.

### **EMEC 447 | INTERNAL COMBUSTION ENGINES (3-0-3)**

**Prerequisite:** EMEC 340 | F

Operating principles and cycle analysis of ICE systems. Thermo-chemical reactions, air and fuel induction, ignition, and combustion. Emissions, exhaust, and pollution control. Heat transfer, engine dynamics, and energy efficiency. Friction, lubrication, and wear of engine components.

### **EMEC 452 | MECHANICAL VIBRATIONS (3-0-3)**

**Prerequisite:** EMEC 365 | S (even years)

Response of undamped and damped SDOF to harmonic forced vibration. Fourier transform, convolution methods, frequency-domain analysis, and applications in random and transient vibration. System resonance, frequency response analysis, and response spectra. Eigenvalues and modes of vibration of multiple DOF systems.

### **EMEC 455 | MECHATRONIC SYSTEMS (3-0-3)**

**Prerequisites:** EMEC 350, EMEC 365 | F

Design and modeling of electrohydraulic and electro-mechanical motion systems. Characteristics of hydraulic actuators, variable speed drives, and variable power systems. Motion and position sensors, including encoders, LVDTs, and accelerometers. Industrial PLC, servo systems, Nyquist stability, and digital control algorithms.

### **EMEC 460 | MANUFACTURING ENGINEERING AND TECHNOLOGY (3-0-3)**

**Prerequisite:** EMEC 320 | F

Manufacturing processes for metals, polymers, powders, ceramics, and composites. Metal cutting, welding, casting, and forming. Rolling, drawing, and extrusion of metals and polymers. Mechanical and non-mechanical material removal technologies. Economic evaluations, process selection, quality assurance, and quality control of products.

### **EMEC 466 | DESIGN OF ROBOTIC SYSTEMS (3-0-3)**

**Prerequisites:** EMEC 350, EMEC 365 | S

Design, modeling, and simulation of robotic and mechatronics systems. Kinematics and differential motion, precision, and payload. Mechanical design, actuators, sensors, control, and autonomous navigation. Implications of robotic system deployment in terms of safety, security, ethics, and economy.

### **EMEC 475 | ADVANCED MECHATRONIC SYSTEMS (3-0-3)**

**Prerequisites:** EMEC 455 | S

Mechatronics System Performance. Motion transmission mechanisms. Computer control systems. Microprocessor and microcontrollers. Z transform. Discrete time systems and controllers. Interfacing Sensors and Actuators to Computer. Real Time Interfacing. Computer I/O Cards and Software. Mechatronics system case studies.

### **EMEC 480-489 | SPECIAL TOPICS IN MECHANICAL ENGINEERING (3-0-3)**

**Prerequisite:** approval of the Dean | Upon demand

Topics of interest to students and faculty which are not available in the existing Mechanical Engineering curriculum will be offered through this course. Prior approval of the course material and syllabus by the Dean is required.

### **EMEC 499 | MECHANICAL ENGINEERING DESIGN PROJECT (3-3-4)**

**Prerequisite:** EMEC 399, **Corequisites:** EMEC 440, EMEC 460 | F, S

Interdisciplinary course covering a broad range of mechanical engineering topics. Integrated team project involving design and prototyping of a mechanical system or product within realistic constraints, including documentation of cost estimates, plans and specifications.

### **ENGG 140 | INTRODUCTION TO PROGRAMMING (3-2-3)**

**Prerequisite:** MATH 095 (Placement by Computer Proficiency Examination or COMP 101 with a grade of C or higher) | F, S, SI

Language-independent problem solving and computational thinking. Fundamentals of programming in common micro-computing languages. Program structure, procedural statements, input/output and file handling, and basic algorithms including sorting and searching.

### **ENGG 200 | ENGINEERING STATISTICS (3-0-3)**

**Prerequisite:** MATH 220 | S, SI

Introduction to statistics and probability in engineering. Discrete and continuous distributions, sampling, and inference of mean and variance. Hypothesis testing, design of experiments and statistical quality control of engineering components and systems.

### **ENGG 210 | ENGINEERING GRAPHICS AND VISUALIZATION (3-0-3)**

**Prerequisite:** ENGG 140 | F, S, SI

Principles of engineering drawing, geometric modeling, multi-view projections, and computer-aided graphics. Three-dimensional representation, geometric perspectives, and solid modeling. Applications in engineering design, including drafting standards, dimensioning, specifications, and tolerances.

### **ENGG 222 | NUMERICAL METHODS IN ENGINEERING W/LAB (3-2-3)**

**Prerequisites:** ENGG 140, MATH 230, MATH 231 | F, S, SI

Formulation and software implementation of numerical solutions to engineering problems. Numerical differentiation and integration, curve fitting, and interpolation. Solutions and engineering applications of nonlinear equations, systems of equations, and initial and boundary-value problems.

### **ENGG 255 | ENGINEERING DESIGN AND ECONOMICS (3-0-3)**

**Prerequisites:** BIOL 201, PHYS 202 | F, S, SI

Principles of engineering design, including specifications, product synthesis, iterative analysis, prototyping, testing, and evaluation. Time value of money, equivalence, rate of return, and benefit-cost analysis. Engineering project management elements, approaches and processes including scheduling, WBS, estimating, and budgeting.

### **ENGG 270 | STATICS W/LAB (3-2-3)**

**Prerequisites:** *MATH 220, PHYS 201 with a grade of C or higher | F, S*

Vector mechanics, forces, moments, and equivalent system of forces. Static equilibrium of particles and rigid bodies in two and three dimensions. Center of gravity, distributed forces, and internal forces. Analysis of simple systems including trusses, pulleys, and bars. Friction and moment of inertia.

### **ENGG 275 | DYNAMICS (3-0-3)**

**Prerequisites:** *ENGG 270, MATH 231 | S, SI*

Review of particle dynamics, including energy and momentum. Kinematics of rigid bodies in two- and three-dimensional motion. Kinetics of rigid bodies, impulse and momentum in translational and rotational motion. Introduction to viscous and frictional damping. Free and forced vibration of SDOF systems.

### **ENGG 300 | PROBABILITY AND RANDOM VARIABLES (3-0-3)**

**Prerequisite:** *MATH 220 | F*

Introduction to probability and statistics in engineering. Axioms of probability, conditional probability and Bayes theorem. Random variables and probability distributions. Central limit theorem. Multiple random variables and joint distributions.

### **ENGL 101 | COMPOSITION AND RHETORIC (3-0-3)**

**Prerequisite:** *ENGL 100 with a P or P+, or placement by International TOEFL® and TWE or another internationally-recognized exam | F, S, SI, SII*

This course develops students' ability to read and write critically in academic contexts. Students will engage with the writing process to join a discourse, build rhetorical awareness and practice composing in a variety of forms (e.g., narrative, expository, analytical, and/or argumentative essays). Coursework emphasizes inquiry and self-reflection as a means of strengthening students' understanding of their own and others ideas.

### **ENGL 102 | ADVANCED COMPOSITION AND RESEARCH (3-0-3)**

**Prerequisite:** *ENGL 101 | F, S, SI, SII*

This course advances students' abilities to produce effective academic writing in English. Students will engage in a series of research-intensive writing projects to understand and define a current intellectual or social problem, explore a range of responses to that problem, and propose practical solutions that are framed within specific generic conventions. Coursework emphasizes empathy, critical thinking, creative problem solving, and the rhetorical nature of writing.

### **ENGL 103 | INTRODUCTION TO LITERATURE (3-0-3)**

**Prerequisite:** *ENGL 102 | F, S, SI, SII*

This course introduces students to the study of literature. Through intensive close reading, students critically analyze literary texts from a variety of genres, movements, periods, and cultures, paying special attention to how nuances of language produce meaning in literature.

### **ENGL 210 | CREATIVE WRITING (3-0-3)**

**Prerequisite:** *ENGL 103 | F, S*

The class introduces students to the various genres of creative writing—short story, creative non-fiction, and poetry. In this course students are exposed to examples of each genre; they participate in workshops evaluating both published and their own work. Over the course of the semester, students produce a portfolio of work in the genre(s) focused on that term. Specific course focus will be determined by the instructor.

### **ENGL 211 | BRITISH LITERATURE I (3-0-3)**

**Prerequisite:** *ENGL 103 | Upon demand*

This course involves the study of major works and literary movements in British literature from the Old English period to, and including, the Restoration and the 18th century. Readings include those by Chaucer, Shakespeare, Swift, and Pope. The contributions of female authors are highlighted in various time periods.

### **ENGL 212 | BRITISH LITERATURE II (3-0-3)**

**Prerequisite:** *ENGL 103 | Upon demand*

This second course in the British Literature series involves the study of the major works and literary movements in British literature from the Romantic period to the present. The course begins with an extensive study of the Romantic poets, then moves on to the fiction of the Victorian Age and the early Twentieth Century, before focusing on the modern poets.



### **ENGL 221 | AMERICAN LITERATURE I (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course involves the study of major works and literary movements in American literature from the time of Discovery until the post-Civil War Reconstruction. The course begins with literature from explorers and Native Americans and proceeds to literary works produced by colonists and immigrants, and then short fiction and philosophical treatises. The course culminates with a study of literature from the American Civil War period.

### **ENGL 222 | AMERICAN LITERATURE II (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This second course in the American Literature sequence involves the study of major works and literary movements in American literature from the American Civil War to the present. The works are produced by Native American, African American, Female and Expatriate authors as well as social commentators. Special attention is paid to determining what makes all of these works “American.”

### **ENGL 231 | WORLD LITERATURE I (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course offers a survey of world literature from ancient times through the middle of the 17th century. The readings include epics such as *Gilgamesh* and the *Odyssey*; stories within-stories, such as the *Decameron* and *The Thousand and One Nights*; novels and dramas; and *Paradise Lost*.

### **ENGL 232 | WORLD LITERATURE II (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course provides students with an exploration of literature(s) from various parts of the globe from the middle of the 17th century to the present. Readings include those from authors from Europe, Asia, Africa, South America, and the Middle East. Common themes between authors and texts are discussed.

### **ENGL 275-278 | SPECIAL TOPICS IN LITERATURE (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course provides a critical study of topics related to literature not specifically covered in other English courses. The specific topics will be determined by interests of the students and the instructor. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

### **ENGL 311 | WORLD MYTHOLOGY (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course examines key myths of the classical and ancient worlds and the literature, both ancient and modern, which is derived from them. Specific focus will be determined by the professor and may include mythology from a variety of cultures.

### **ENGL 312 | BIOGRAPHY/AUTOBIOGRAPHY (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course examines biography/autobiography as a literary genre. The course focuses on the characteristics of the genre and the personal, cultural and global impact of the genre.

### **ENGL 313 | CHILDREN'S LITERATURE (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course explores the historical and cultural development of children's literature from the 17th century through the latter 20th century.

### **ENGL 314 | COMING-OF-AGE NOVELS (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course examines numerous coming-of-age novels from various cultures to explore the potential “sameness” of the experience for the protagonists.

### **ENGL 315 | CONTEMPORARY FEMALE AUTHORS (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course examines the literary works produced by women authors from the midpoint of the 20th century to the present. Genres to be discussed include prose, poetry and essay.

### **ENGL 316 | PRIZE-WINNING AUTHORS (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course exposes students to works (both in total and in part) produced by those authors recognized by either the Nobel or Booker Prize Committee as outstanding. Authors and works discussed may change according to the instructor.

### **ENGL 475 | SPECIAL TOPICS IN LITERATURE (3-0-3)**

**Prerequisite:** ENGL 103 | Upon demand

This course provides a critical study of topics related to literature not specifically covered in other English courses. The specific topics will be determined by interests of the students and the instructor. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

### **FINA 201 | PRINCIPLES OF FINANCE (3-0-3)**

**Prerequisites:** ACCG 201, ECON 201, QUAN 201 | F, S, SI

The Principles of Finance course begins with cash-flow projections and evaluation of financial strength and weaknesses. Capital structure is dealt with followed by cost of capital and evaluation of capital investment opportunities. Students must receive at least a C grade in this course in order to register for additional Finance Major courses.

### **FINA 311 | CORPORATE FINANCE (3-0-3)**

**Prerequisite:** a grade of C or higher in FINA 201 | F, S, SI

This course studies the principles and practices of managerial finance and considers financial instruments, sources and applications of funds, financial ratios, capital market analysis, capital budgeting, investments, and dividend decisions.

### **FINA 321 | FINANCIAL MARKETS AND INSTITUTIONS (3-0-3)**

**Prerequisite:** a grade of C or higher in FINA 201 | F, S

This course looks at managing the business of managing money. Students study the market structure of global financial services including sources of funds, packaging, management, marketing and distribution of products and services. This course is an overview of the theory and practice of risk management, investment management, investment banking and market making.

### **FINA 331 | RISK AND INSURANCE (3-0-3)**

**Prerequisite:** a grade of C or higher in FINA 201 | S

This course introduces basic risk theory and elementary risk management principles and techniques. Topics covered include individual life insurance and annuity products; property/liability insurance, life/health insurance, and selected social insurance programs; insurers and their operations; guidelines for efficient purchase and use of insurance products.

### **FINA 411 | INVESTMENT AND PORTFOLIO MANAGEMENT (3-0-3)**

**Prerequisite:** FINA 311, QUAN 301 | F, S, SI

This course is an analysis of the nature and underlying theory of investments and its utilization by the individual investor and portfolio manager. Topics include capital market theory, portfolio theory and management, options contracts, interest rate futures, factors influencing security prices, and the workings of the New York and London Stock Exchanges.

### **FINA 421 | COMMERCIAL BANKING (3-0-3)**

**Prerequisite:** FINA 411 | S, SI

This course will expose students to the commercial banking industry and the role and responsibilities of commercial bank officers. Topics covered will include the supervisory role of regulatory agencies, financial statement analysis, performance measurement, asset-liability management, tools and techniques for managing interest rate, credit, and liquidity risk.

### **FINA 431 | REAL ESTATE FINANCE AND INVESTMENT (3-0-3)**

**Prerequisite:** a grade of C or higher in FINA 201 | S

This course is an introduction to the fundamental concepts, principles, analytical methods and tools used for making investment and finance decisions regarding real estate assets. A key objective of this course is to recognize the unique features that distinguish real estate investments from securities investments and from the corporate finance framework of investment decision making.

### **FINA 441 | MULTINATIONAL FINANCIAL MANAGEMENT (3-0-3)**

**Prerequisite:** FINA 411 | F, S, SI

This course covers topics related to the financial operations of multinational corporations and international financial markets. The Foreign exchange rate determination, the parity conditions, and financing and investments by the multinational corporation will also be covered.

### **FINA 451 | FINANCIAL MODELING AND EMPIRICAL ANALYSIS (3-0-3)**

**Prerequisite:** FINA 411 | F, S, SI

The objectives of the course are to provide students with an understanding of the theories and methodologies of financial modeling and empirical analysis; to enable students to perform financial analysis using computer models; and to apply financial principles in making corporate decisions. The MS Excel is used as a vehicle for numerically solving and graphically interpreting problems that arise in areas such as financial statement analysis, portfolio management, option valuation, bond and stock valuation and analysis, and foreign exchange.

### **FINA 461 | DERIVATIVE SECURITIES (3-0-3)**

**Prerequisite:** FINA 411 | F, S

Topics to be covered in this course include the principles and pricing of options, futures and forward contracts, and swaps; arbitrage, hedging and advanced futures and options strategies. In this course, the concepts of portfolio risk and insurance and financial innovations are examined along with the use of derivative securities in corporate financial management.

### **FINA 491 | SPECIAL TOPICS IN FINANCE (3-0-3)**

**Prerequisite:** Senior Status or approval of the Chair | Upon demand

This course is a critical study of theory and research related to selected topics in finance. The specific topics of the course will be determined by the interests of the students and the instructor.

### **FREN 101 | ELEMENTARY FRENCH I (4-1-4)**

**F**

This course provides the student with an oral and written approach to beginning French grammar and conversation, with special emphasis on communication skills. Individual daily work with language tapes is an essential part of the program.

### **FREN 102 | ELEMENTARY FRENCH II (4-1-4)**

**Prerequisite:** FREN 101 or equivalent | S

This course is a continuation of French 101, with expansion of vocabulary and possibilities of expression.

### **FREN 201 | INTERMEDIATE FRENCH I (4-1-4)**

**Prerequisite:** FREN 102 or equivalent | F

This course continues the development of French language and culture from FREN 102, using an oral and written approach to advance French grammar and conversation, with emphasis on communication skills.

### **FREN 202 | INTERMEDIATE FRENCH II (4-1-4)**

**Prerequisite:** FREN 201 or equivalent | S

This course is a continuation of FREN 201, with greater depth and using more complex language and maturity of expression and comprehension. Students encounter a wide range of current affairs, special topics like art, architecture and science, and issues of cultural and moral values.

### **GEOG 101 | WORLD GEOGRAPHY (3-0-3)**

**S**

This course presents the important principles basic to the proper understanding of the world in which we live. Emphasis is placed on the study of the changing world map and the importance of this to human, economic, and political relationships.

### **GEOG 310 | HUMAN GEOGRAPHY (3-0-3)**

**Prerequisites:** ENGL 102, BIOL 201 or SCIE 201 or SCIE 211 | Upon demand

This course examines the relationships between people and place, whether purposeful or unintended. It examines what factors play the greatest role in determining where large groups of people situate themselves. Some aspects to be included in class discussion are migration, displacement, culture, transportation, natural resources and environment.

### **HIST 201 | AMERICAN HISTORY FROM THE BEGINNINGS TO RECONSTRUCTION (3-0-3)**

**Corequisite: ENGL 101 | Upon demand**

This course examines the history of what ultimately became the United States of America. HIST 201 traces the development of the New World from discovery, through colonization, the war for independence, up through and including the Civil War and Reconstruction. The course focuses on how the various political, cultural, and social issues of the various time periods combined to influence the landmark events in the development of the nation.

### **HIST 202 | THE UNITED STATES IN THE CIVIL WAR (3-0-3)**

**Corequisite: ENGL 101 | Upon demand**

This course surveys American history from the Civil War to the present. Students examine the political, social, and cultural changes that the United States underwent during the Civil War and Reconstruction, the Industrial Revolution, the Great Depression, the world wars, the Cold War, the Civil Rights era, the conflict in Vietnam, the Reagan Revolution, and post-Cold War globalization.

### **HIST 212 | MODERN EUROPE (3-0-3)**

**Prerequisite: ENGL 102 | Upon demand**

This course surveys European history from the early-modern era to the present. Students evaluate the broader trends of the last 500 years of European history. Themes include the appearance of modern European nations, their relationships with each other and the wider international community; industrialization; the world wars; the rise and fall of colonial empires; and currents of regional unity from the Reformation to the Cold War.

### **HIST 251 | WORLD HISTORY TO 1500 CE (3-0-3)**

**Prerequisite: ENGL 102 | S**

This course surveys history from the appearance of humanity to the eve of the Columbian Exchange. Students interpret primary sources while exploring the relationship between the environment and global history; the emergence of government and society; the evolution of cross-cultural trade; and war and peace in the preindustrial world.

### **HIST 252 | WORLD HISTORY SINCE 1500 CE (3-0-3)**

**Prerequisite: ENGL 102 | F**

This course surveys the rise of the modern world. Students critically evaluate and discuss historical interpretations while examining the interconnected histories of global communications and trade; industrial capitalism and technology; the transition from a world of empires to nation-states; liberalism, Marxism, and other ideologies; and war and peace in global affairs from the Spanish conquest of Mexico to the rise of the Global South.

### **HIST 310 | THE U.S. IN WORLD AFFAIRS (3-0-3)**

**Prerequisite: ENGL 102 | Upon demand**

This course explores the history of American foreign relations since 1945. It introduces students to the most recent literature treating the United States and world affairs.

### **HIST 350 | REVOLUTION AND REACTION IN THE GLOBAL COLD WAR (3-0-3)**

**Prerequisites: ENGL 102, HIST 252 | Upon demand**

This course evaluates revolution and reaction in the Global Cold War, a conflict that involved the Soviet Union, the United States, Europe and the Global South. It familiarizes students with the most recent literature in international Cold War history while teaching them to test social-scientific theories of revolution against empirical case studies.

### **HIST 401 | CONTEMPORARY HISTORICAL ISSUES (3-0-3)**

**Prerequisites: HIST 252, POLS 200 or POLS 210 | Upon demand**

The interdisciplinary research seminar explores issues and trends in contemporary history related to international affairs, global and comparative history, or area studies in Latin America, Africa, and/or Asia. Students identify a problem while reviewing the most recent literature on it. They conduct primary-source research to offer their own findings.

### **HUMN 275-278 | SELECTED TOPICS IN HUMANITIES (3-0-3)**

**Upon demand**

Topics in the Humanities which are not covered by other course offerings. The specific topics will be determined by student/instructor interest. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

## **HUMN 475 | SPECIAL TOPICS IN HUMANITIES (3-0-3)**

### **Upon demand**

Advanced topics in the Humanities which are not covered by other course offerings. The specific topics will be determined by student/instructor interest. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

## **IDES 121 | HISTORY OF INTERIOR DESIGN I (3-0-3)**

### **Prerequisite: ENGL 101 | S, Upon demand**

This is the first of two sequential courses that cover the history of architectural interiors from the third millennium BC to the Classical Revival period in the 21st century, including local heritage and design styles. Knowledge of the language of architecture, its terminology and recognition of period styles are required. Emphasis is placed on the historical and intellectual context of selective examples of architecture and interior design, along with their environmental and social relevance.

## **IDES 191 | INTERIOR DESIGN STUDIO I: VISUAL EXPRESSION AND COMPOSITION (0-8-4 )**

### **F, S**

This studio introduces the fundamentals of form and composition, drawing from life, and perspective drawing. Students learn sketching and formal one and two-point perspectives. These are the building blocks for all design; the ability to understand form and composition is essential, as is the ability to sketch ideas.

## **IDES 192 | INTERIOR DESIGN STUDIO II: DRAWING FOR INTERIOR DESIGN (0-8-4 )**

### **Prerequisite: IDES 191 | S, and Upon demand**

This studio introduces technical drafting in both two and three dimensions. Students learn basic interior drafting vocabulary as well as isometric and axonometric views. Students learn the theory and practice of dimensioning techniques and scale. The studio integrates the above as part of the design process.

## **IDES 214 | TEXTILES FOR INTERIORS (3-0-3)**

### **Prerequisite: IDES 191 | F**

This course involves the study of textiles applied to interior design. Students learn textile composition, properties and performance characteristics alongside sustainability in relation to textiles. The knowledge gained is applied to interior spaces.

## **IDES 266 | RESOURCES AND MATERIALS (3-0-3)**

### **Prerequisite: IDES 192 | S**

This course introduces students to the recognition and specification of appropriate resources and materials used in interior design also the inherent characteristics of those materials. The student learns the application techniques and code regulations that influence a designer's selection. The student will be familiar with the local market materials, prices, and strongly initiated towards the use of new building technologies. Preliminary cost estimating is also introduced.

## **IDES 291 | INTERIOR DESIGN STUDIO III: 3D SPATIAL DESIGN (0-8-4 )**

### **Prerequisite: IDES 192 | F, and upon demand**

This studio covers the fundamentals of two and three-dimensional design, color theory, and model making techniques as they relate to interior design and space analysis. Design Principles and Elements of Design are introduced and applied. Color theory work includes hue, value, intensity, aesthetic and psychological implications. The studio integrates the above as part of the design process.

## **IDES 292 | INTERIOR DESIGN STUDIO IV: SPACE PLANNING AND UNIVERSAL DESIGN (0-8-4 )**

### **Prerequisite: IDES 291 | S, and upon demand**

This course introduces the human element into the built environment. The following topics are studied and applied: anthropometrics, ergonomics, space planning standards, and Universal Design principles. The relationship between natural and built environments is discussed. Evidence Based Design and structural details are introduced and integrated into the design process. The course exposes students to working drawings and detailing and develops their understanding of the relationship between drawings and specifications.

## **IDES 322 | HISTORY OF INTERIOR DESIGN II (3-0-3)**

### **Prerequisite: IDES 121 | F, SI**

This is the second of two sequential courses that cover the history of architectural interiors from the industrial revolution to the early Modernism period of Europe and North America and onto a world setting for the variations

in late Modernism before considering various new movements of the twenty-first century. Local and regional history are also covered. Emphasis is placed on the historical and intellectual context of selective examples of architecture and interiors, along with their environmental, technological and social relevance.

### **IDES 331 | PROFESSIONAL PRACTICE (3-0-3)**

**Prerequisite:** *IDES 391 | S, SI*

Specific to the practice of Interior Design, this course, through lectures and presentations, is constructed to introduce business practices and procedures to final year students. The course will relate to private practice and the various members of the design and construction teams. Students will demonstrate their knowledge and understanding of contemporary professional practice through examinations and assignments. Lectures and studio exercises will assist students in marketing themselves by developing the communication skills necessary for professional practice. Field trips to design offices and building sites supplement instruction and specialists may contribute to class discussions. Students are required to produce portfolios, including electronic, to a professional standard. Interviews by a jury, comprising interior design professionals both practitioners and academics, will constitute the final examination.

### **IDES 363 | INTERIOR LIGHTING (3-0-3)**

**Prerequisites:** *IDES 192, MATH 101 | F, SI*

This course introduces the student to fundamentals of interior lighting design, recognition of light sources and systems, and light measurement and calculation. Students learn to analyze the spatial requirements for light, select proper systems, calculate the level of lighting, draw reflected ceiling plans, lighting legends and lighting schedules. Emphasis is placed on communicating a design solution by accomplishing projects that are application oriented.

### **IDES 365 | PROCESS MODELING (3-0-3)**

**Prerequisite:** *DDFT 268 | F, SI*

This course introduces students to the 3D design Process Modeling from conception to execution. Three main areas of instruction are addressed: drafting, modeling, and drawing organization. Students will be able to construct detailed 3D models of interior spaces, architectural features, and furniture.

### **IDES 369 | BUILDING SYSTEMS AND CODES (3-0-3)**

**Prerequisites:** *IDES 292, IDES 266, DDFT 268 | F, SI*

This course introduces students to the basic elements of building construction, building systems and building codes. Emphasis is placed on the interaction between the design idea and the realities of construction, coordination and regulations in the design process.

### **IDES 374 | HOSPITALITY DESIGN (3-0-3)**

**Prerequisite:** *ARCH 202 or IDES 391 | S, and Upon demand*

This course introduces hospitality design. Students are introduced to the hospitality industry through comparative and client analysis. A hospitality interior design project is produced, applying anthropometric theory, sustainability and hospitality codes/standards.

### **IDES 375 | FOOD AND BEVERAGE OUTLET DESIGN (3-0-3)**

**Prerequisite:** *Arch 202 or IDES 292 | F, and upon demand*

This course introduces students to the principles of food and beverage outlet design and identifies several typologies that are researched and analyzed from the perspectives of design and space planning, materials technology, FF&E selection, functions and environmental comfort levels.

### **IDES 376 | WELLNESS AND SPA (3-0-3)**

**Prerequisite:** *Arch 202 or IDES 292 | S, and upon demand*

This course introduces students to the principles of wellness and spa design and identifies several typologies that are researched and analyzed from the perspectives of historical evolution, design and space planning, materials technology, functions and environmental comfort levels.

### **IDES 380-385 | INTERIOR DESIGN STUDY TOUR (3)**

**Prerequisite:** *Junior Status or Dean's approval | Upon demand*

In this course students analyze specific aspects of interior design, technology, and/or furniture design in a global context, through direct analysis of actual case studies, or by participation in relevant worldwide workshops, exhibitions and events.

### **IDES 386 | ISLAMIC GEOMETRIC PATTERN DESIGN (3-0-3)**

**Prerequisite:** *IDES 291 | Upon demand*

In this course students study geometric patterns found in Islamic art and architecture and engage in the creative process and development from a craftsman's point of view.

### **IDES 391 | INTERIOR DESIGN STUDIO V: FURNITURE DESIGN AND DETAILING (0-8-4)**

**Prerequisite:** *IDES 292 | F, and upon demand*

This studio focuses on issues related to custom furniture and millwork, as well as the building structures that they connect to. Through the study of the human form and by researching appropriate materials and construction techniques, students develop a full set of working drawings and specifications.

### **IDES 392 | INTERIOR DESIGN STUDIO VI: SMART DESIGN (0-8-4)**

**Prerequisite:** *IDES 391 | S, and upon demand*

This studio involves research and application of design theory to a competition project. In-depth work on concept development through documentation to presentation documents is included. Special emphasis is given to new or experimental technologies and materials and how their application can enhance habitable spaces or positively impacts the environment.

### **IDES 441 | SENIOR THESIS: RESEARCH AND PORTFOLIO (1-4-3)**

**Prerequisites:** *IDES 392, IDES 322, IDES 363 | F, and upon demand*

In this course, students prepare a thesis proposal with the assistance and approval of their instructor(s). The student shall produce a research paper and preliminary design scheme that demonstrates social awareness through an understanding of interior design. The student shall be guided as to carry out pertinent research in an independent manner. Requirements also include analytical studies, site selection and documentation, and a final preliminary design presentation to an advisory panel. Students are required to produce portfolios, including electronic, to a professional standard. Interviews by a jury, comprising interior design professionals both practitioners and academics, will constitute the final examination.

### **IDES 464 | ACOUSTICAL AND THERMAL DESIGN (3-0-3)**

**Prerequisite:** *IDES 266 or ARCH 211 | S, SI*

In this course, through lectures and demonstrations, the student develops an understanding of the principles of acoustical and thermal design, appropriate strategies for acoustical control, and how active and passive thermal systems and components inform interior design.

### **IDES 470 | SPECIAL TOPICS IN INTERIOR DESIGN (3-0-3)**

**Prerequisite:** *Approval of the Chair | F, S, and upon demand*

This is an advanced course in which students participate in topics to be selected by the instructor, with the approval of the Chair, and which develops an aspect of design and/or presentation. Research, critical analysis, application of the research and analysis to the design and presentation will be required in this course.

### **IDES 471 | INTERNSHIP (0-25-2)**

**Prerequisites:** *DDFT 268, IDES 391, and Senior status | SI and Upon demand*

With the aid of the supervising instructor from the Department in which a student is enrolled, the student participates in a practical "on-site" internship in which theoretical principles are applied to work situations under professional supervision.

### **IDES 472 | KITCHEN AND BATH DESIGN (3-0-3)**

**Prerequisite:** *IDES 391 | S, and upon demand*

This course introduces the students to kitchen and bathroom design, systems, products and finishes, standards and codes alongside Universal Design considerations. Emphasis is given to problem solving skills through integrated design techniques.

### **IDES 479 | INTERNSHIP A (0-25-3)**

**Prerequisites:** *IDES 471 | SI and Upon demand*

This course emphasizes focused professional development for the senior student prior to entering the profession as a graduate designer and follows on from the generalized experience gained from completing IDES 471. As a consequence senior students are required to demonstrate knowledge and experience of interior design project management systems primarily through completing a case study of a recently completed or ongoing project at the host office. Essential documentation produced will also include a course file and a professional diary, the latter which will

detail the student's daily office and site experience. The role of a faculty practical training supervisor is central to the success of this course in terms of placing, advising and periodically supervising students while liaising with the professional designer counterpart in the host company, before evaluating final course materials submitted.

### **IDES 491 | INTERIOR DESIGN STUDIO VII: COMPREHENSIVE DESIGN (0-8-4 )**

**Prerequisite:** *IDES 392 | F, and upon demand*

This studio involves completing a full set of contract documents and specifications for a term-long project. Emphasis is placed on building services, multi-story spaces, and building envelope as well as people with different needs.

### **IDES 492 | INTERIOR DESIGN STUDIO VIII: CAPSTONE DESIGN (0-8- 4)**

**Prerequisites:** *IDES 491, IDES 441 | S, and upon demand*

This capstone studio builds upon research done in IDES 441 and culminates in the design of a project. Having researched and analyzed a building type, students apply their findings an interior project that demonstrates professional skills.

### **INST 201 | INTRODUCTION TO INTERNATIONAL DEVELOPMENT | (3-0-3)**

**Prerequisite:** *ENGL 102 | S*

This course introduces students to the history of international development as well as current debates and issues in the field. The course explores competing theories and practices of development while critically evaluating their underlying assumptions, processes, and outcomes. The course will consist of four main sections: history of development thought, development paradigms, development actors and institutions, and contemporary development issues.

### **INST 325 | HISTORY OF PHILANTHROPY AND NON-PROFIT ORGANIZATIONS (3-0-3)**

**Prerequisite:** *ENGL 102 & Junior Status | F*

This course introduces the history and institutions of philanthropy and nonprofit organizations. From the early pioneers to the philanthrocapitalists of the 21st century, the course analyzes the long history of philanthropy and its ability to seed and accelerate shifts in public policy. The course provides a philosophical and organizational overview of the roots and practice of philanthropy in the United States, Europe, and in the Arab/Islamic world.

### **INST 360 | POVERTY AND INEQUALITY | (3-0-3)**

**Prerequisite:** *ENGL 102 & Junior Status | Upon demand*

Drawing on the most recent academic debates in social and political science, this course introduces students to the study of poverty and inequality. This course examines the contemporary forms of poverty in the world, and patterns of inequality within and between nations. This course surveys a variety of topics associated with poverty and inequality, including displacement, economic insecurity, labor exploitation, social marginalization and ecological degradation. Finally, this course explores the historical root causes as well as the most current political and economic conditions of poverty and inequality.

### **INST 361 | FORCED MIGRATION AND REFUGEES | (3-0-3)**

**Prerequisite:** *ENGL 102 and Junior Status | F (odd years)*

Drawing on the most recent academic debates in social and political sciences, this course offers students the opportunity to delve deeper into the issues of forced migration and refugees. This course examines the contemporary patterns of population displacement within and across international borders. With a global focus, this course surveys a variety of topics associated with forced migration, including internal displacement, refugee movements, humanitarianism, international aid, border controls, dispossession, social and political exclusion, and media representation of war and displacement.

### **INST 388 | RESEARCH METHODOLOGY | (3-0-3)**

**Prerequisite:** *ENGL102, MATH201 | F, SI*

This course in research methods prepares International Studies students to understand materials and issues associated with but not limited to the logic of the scientific method, research design, and qualitative and quantitative analysis of data. The course provides a foundation from which students may use the knowledge and practices gained in this course throughout the rest of their undergraduate program and the Capstone courses.

### **INST 398 | INTERNATIONAL STUDIES INTERNSHIP | (0-15-3)**

**Prerequisite:** *Junior Status | Upon demand*

With the aid of a supervising instructor and under the direct supervision of a member of the host organization, students participate in a practical onsite internship in which theoretical principles are applied to "real world" situations.



### **INST 498 | INTERNATIONAL STUDIES CAPSTONE I (3-0-3)**

**Prerequisite:** *INST 388 and successful completion of 90 credit hours* | F

This course provides students with the fundamentals of conducting research. In addition, it is during this course that students receive approval for their project which involves all of the core areas of the Bachelor of Arts degree in International Studies. This project must be approved prior to students' enrollment in INST 499.

### **INST 499 | INTERNATIONAL STUDIES CAPSTONE II (3-0-3)**

**Prerequisite:** *INST 498* | S

This course involves the production of the approved project from INST 498. Students meet on a weekly basis with their instructor to discuss progress and/or challenges to completing the project. Students are ultimately required to give an oral presentation to a panel prior to final completion of the course. INST 499 is a requirement for graduation for all students in the Bachelor of Arts in International Studies program.

### **JOUR 209 | SELECTED TOPICS IN JOURNALISM (2-2-3)**

**Prerequisite:** *Approval of the department head* | *Upon demand*

This course aims at presenting various topics in Journalism that are of interest to the students and the instructor. The course intends to widen and deepen the students' understanding of various issues related to nontraditional means of reporting.

### **JOUR 301 | VISUALIZING NEWS (2-2-3)**

**Prerequisite:** *COMM 222* | F

This course introduces students to basic design elements used to make a news story visually effective. Imagery such as still photography, television video, and video designed specifically for the web will also be explored. The course will follow a typical production workflow, including layout and design, the use of typography and color, preparing images and graphic elements for print, the web, and other media platforms.

### **JOUR 302 | NEWSROOM MANAGEMENT AND DECISION MAKING (3-0-3)**

**Prerequisite:** *COMM 222* | S

This course requires students to examine decision-making in the newsroom, explore illustrative case studies and develop their own assessments of what constitutes a good decision and how to make one. More often than not, there are no absolutely right answers, but the goal is making a better decision through thoughtful discussions of the type that take place daily in professional newsrooms.

### **JOUR 321 | REPORTING (2-2-3)**

**Prerequisite:** *COMM 222* | F

This course is an introduction to the practice and craft of gathering and writing information for news media. Students will develop sound news judgment and writing skills that will enable them to produce and edit content across multiple platforms. As much as possible, the course will be responsive to actual news, both local and international.

### **JOUR 322 | ADVANCED REPORTING (3-0-3)**

**Prerequisite:** *JOUR 321* | S

This course covers advanced concepts of news gathering, interviewing and writing. Each student will choose a topic to cover, and develop a news story and long-form writing project on that topic. In addition, students will produce a video or print story on a separate, local topic.

### **JOUR 323 | EDITORIAL AND CRITICAL WRITING (3-0-3)**

**Prerequisites:** *COMM 222, ENGL 103* | *Upon demand*

This course provides students with an intensive evaluation of their opinion writing, including editorials, op-ed columns, arts and entertainment criticism, and opinion pieces related to sports, business, politics, and other realms of journalistic writing.

### **JOUR 324 | BROADCAST JOURNALISM (2-2-3)**

**Corequisite:** *JOUR 321* | F

This class prepares students to become broadcast journalists. The course teaches students to produce reports and packages specifically destined for broadcast on TV, radio or online.

### **JOUR 401 | CURRENT ISSUES IN JOURNALISM (3-0-3)**

**Prerequisite:** Senior Status | Upon demand

Examines a range of topics not covered or covered only briefly in other courses. These may include coverage of business, environmental issues, sports, conflict, and other matters with which graduating students should have some familiarity.

### **JOUR 402 | CONTEMPORARY PERSPECTIVES IN JOURNALISM (3-0-3)**

**Prerequisite:** Senior Status | Upon demand

A seminar course in which students analyze and discuss in a sophisticated way critical issues in the news business, ranging from media economics to the impact of news coverage on societal institutions. This course provides students the opportunity to design and carry out an independent venture, such as an extensive research paper, or another extended journalism project under faculty supervision.

### **JOUR 441/DPST 441 | THE DOCUMENTARY (2-2-3)**

**Prerequisite:** DPST 340 (for DPST students) or JOUR 322 (for JOUR students) | F

This course provides an overview of the history, theory, and genres of documentary films. Students learn to analyze and critique a variety of historical and contemporary documentaries, while developing and producing short documentaries through team work.

### **JOUR 461 | MEDIA AND POLITICS IN THE MIDDLE EAST (2-2-3)**

**Prerequisite:** ENGL 103, COMM 103, and Junior Status | F

This course examines the role of the international media in the politics of the Middle East. The course surveys how the international media chooses to cover local conflicts. It addresses questions concerning the interplay between national interests and objectivity in news coverage, and the role of media in shaping the course of events and judging their outcomes in the region.

### **JOUR 462 | CAPSTONE PROJECT (2-2-3)**

**Prerequisite:** JOUR 322 | S

This course provides individual or small groups of students working with a faculty advisor the opportunity to design and carry out an independent venture, such as an extensive research paper, an online magazine article, or other complex journalism project.

### **JOUR 463 | INTERNSHIP (0-15-3)**

**Prerequisite:** Senior Status | S, and Upon demand

A carefully supervised internship with a media organization approved by the faculty supervisor. Students are required to submit a detailed ongoing journal and a final report as defined by the faculty supervisor.

### **MATH 101 | MATHEMATICS FOR THE ARTS (3-0-3)**

**Prerequisite:** placement by ACCUPLACER™ or MATH 090 | F, S, SI

This course surveys traditional and contemporary topics in mathematics, such as counting techniques, probability and statistics, and the mathematics of personal finance. It includes basic geometry of interest to students applicable in the arts program.

### **MATH 105 | PRECALCULUS FOR ARCHITECTURE (3-3-3)**

**Prerequisite:** placement by SAT or ACCUPLACER™, or a Grade of P or P+ in MATH 095 | F, S, SI

This course aims to provide architecture students with some of the mathematical tools needed in their field. Focus will be placed on applications in various real-life models including architecture and designs. Technology is used extensively in solving equations and graphing functions. Topics include: 2D and 3D Geometry, Analytic Geometry, Functions, Trigonometry, Conic sections and Vectors.

### **MATH 200 | CALCULUS FOR BUSINESS (3-0-3)**

**Prerequisite:** placement by ACCUPLACER™ or a Grade of P or P+ in MATH 103 | F, S, SI, SII

This course develops concepts of calculus used in the business environment. Topics include functions, limits, derivatives, and integrals, with a focus on applications in business and economics.

### **MATH 201 | FUNDAMENTALS OF STATISTICS (3-0-3)**

**Prerequisite:** *MATH 101 | S, SI*

This course aims at providing students with a proper understanding of basic concepts of data collection, data analysis, and statistical computing. Students will be able to use statistical techniques to collect, organize, and analyze data, find measures of variation, and perform regression analyses and hypothesis testing.

### **MATH 205 | CALCULUS FOR ARCHITECTURE (3-0-3)**

**Prerequisite:** *placement by ACCUPLACER™ or MATH 105 | F, S, SI*

This course aims to provide architecture students with some of the mathematical tools needed in their field.

Technology is used extensively in graphing and computing derivatives and integrals.

Topics include: Concepts of differentiation and integration with applications such as motion, optimization and Geometry.

### **MATH 210 | CALCULUS I (3-0-3)**

**Prerequisite:** *placement by ACCUPLACER™, or MATH 104 with a grade of P or P+ | F, S, SI*

This course is an introduction to differential and integral calculus of functions of a single variable. Topics include limits and continuity; derivatives, integrals and their applications.

### **MATH 220 | CALCULUS II (3-0-3)**

**Prerequisite:** *MATH 210 with a grade of C or higher | F, S, SI*

This course covers the notions of sequences and series, integration techniques, and applications of calculus to planar curves. Topics include integration by parts, partial fractions, trigonometric substitution, improper integrals, sequences and series, polar and parametric curves.

### **MATH 230 | LINEAR ALGEBRA (3-0-3)**

**Prerequisite:** *MATH 220 with a grade of C or higher | F, S*

This course introduces the fundamentals of linear algebra. Topics include vectors and 3D-Geometry, matrix algebra and determinants, systems of linear equations, linear transformations and their matrix representation, vector spaces, the eigenvalue problem, inner product spaces, orthogonality, and various applications.

### **MATH 231 | DIFFERENTIAL EQUATIONS (3-0-3)**

**Prerequisite:** *MATH 220 with a grade of C or higher | F, S*

This course covers basic concepts, methods and techniques for solving ordinary differential equations (ODEs) and their applications in engineering. Topics include first and higher order ODEs, Laplace transforms, power series solutions and systems of ODE's.

### **MATH 240 | MULTIVARIABLE CALCULUS (3-0-3)**

**Prerequisite:** *MATH 230 | F, S*

This course develops essential concepts of multivariable calculus. Topics include surfaces, vector-valued functions, functions of several variables, multiple integrals, vector fields, line and surface integrals, Green's theorem, Stokes' theorem, and Divergence theorem.

### **MATH 243 | STATISTICS FOR APPLIED SCIENCES (3-0-3)**

**Prerequisite:** *None | F, S, SI*

This course is an introduction to statistical analysis, with a focus on application in medicine or other health-related areas. Topics include data displays, basic principles of probability, and common probability distributions like the binomial, Poisson, and normal distributions; inferential statistics, hypothesis testing, and confidence intervals; and regression analysis.

### **MATH 250 | DISCRETE MATHEMATICS (3-0-3)**

**Prerequisite:** *placement by ACCUPLACER™ or MATH 104 with a grade of P or P+ | S*

This course introduces the mathematical foundation of computing. Topics include Logical reasoning and proofs, sets and functions, mathematical induction and recursion, counting principles and graph theory.

### **MATH 310 | HISTORY OF MATHEMATICS (3-0-3)**

**Prerequisite:** *MATH 101 or higher | F*

This course examines the content of historical documents that trace the roots of arithmetic, algebra and geometry from ancient times until the 13th century. The sources come from a variety of civilizations and cultures, and reveal common threads in the development of mathematics due to the needs of society, along with differences caused by cultural influences.

### **MATH 320 | CONTEMPORARY PROBLEM SOLVING (3-0-3)**

**Prerequisite:** *MATH 101 or higher | S*

A variety of thinking processes and specific techniques are introduced for defining and solving problems and for building mathematical models. Those tools are then used by students in games of strategy, mathematical problems and real-world situations, with the prime directive being: "Solve that problem!"

### **MATH 330 | MAKING DECISIONS FROM INTERPRETING DATA (3-0-3)**

**Prerequisite:** *MATH 101 or higher | Upon demand*

This is an introductory course in statistics, which deals with the study of variability, uncertainty and decision-making. Statistics is increasingly applicable to most disciplines and to everyday life. This course introduces the basic principles from contemporary usage, with consideration for appropriateness, contextual relevance and interpretation.

### **MEST 100 | THE ARABIC LANGUAGE (3-0-3)**

**F, S, SI**

This course introduces students to the history, development, and social context of the Arabic language, including the differences between classical, modern, and vernacular Arabic and the domains within which these varieties have been used. The course familiarizes students with the relationships between the Arabic language and other social variables such as nationality, religion, urbanization, social class, gender, and culture.

### **MEST 101 | ELEMENTARY ARABIC I (4-1-4)**

**F, S, SI**

In this course students learn to read and write at the Novice Mid-level in Modern Standard Arabic (MSA), as per the American Council on the Teaching of Foreign Languages' Standards. Students learn speaking and listening skills in MSA and one Arabic dialect. This course is not open to native Arabic speakers.

### **MEST 102 | ELEMENTARY ARABIC II (4-1-4)**

**Prerequisite:** *MEST 101 | S, SI*

In this course students learn to read and write at the Novice High-level in Modern Standard Arabic (MSA), as per the American Council on the Teaching of Foreign Languages' Standards. Students learn speaking and listening skills in MSA and one Arabic dialect. This course is not open to native Arabic speakers.

### **MEST 200 | ARABIC FOR COMMUNICATION II (3-0-3)**

**F, S, SI**

This course develops students' practical communication skills in Modern Standard Arabic and a regional dialect. Students will learn to navigate a variety of everyday tasks using both oral and written Arabic, including the ability to narrate, describe, compare/contrast, and express opinions about routine events and situations. Students will also develop the literacy skills needed to read short, straightforward texts on a variety of topics and in multiple genres.

### **MEST 201 | INTERMEDIATE ARABIC I (4-1-4)**

**Prerequisite:** *MEST 102 | F*

In this course students learn to read and write at the Intermediate Low-level in Modern Standard Arabic (MSA), as per the American Council on the Teaching of Foreign Languages' Standards. Students learn speaking and listening skills in MSA and one Arabic dialect. This course is not open to native Arabic speakers.

### **MEST 202 | INTERMEDIATE ARABIC II (4-1-4)**

**Prerequisite:** *MEST 201 | S*

In this course students learn to read and write at the Intermediate Mid-level in Modern Standard Arabic (MSA), as per the American Council on the Teaching of Foreign Languages' Standards. Students learn speaking and listening skills in MSA and one Arabic dialect. This course is not open to native Arabic speakers.

### **MEST 210 | INTRODUCTION TO MIDDLE EAST HISTORY (3-0-3)**

**Prerequisite:** ENGL 102 | F, S, SI

This course introduces students to the history of the Middle East since the advent of Islam. It begins with the eclipsing of the Byzantine and Sassanid empires in the early seventh century and ends with the collapsing of the Ottoman Empire in the aftermath of WWI. Particular attention will be given to the themes of historical change and continuity and cooperation and conflict in the Middle East over the past fourteen centuries.

### **MEST 275 | SELECTED TOPICS IN MIDDLE EASTERN STUDIES (3-0-3)**

**Upon demand**

A critical study of theory and research related to topics in Middle Eastern studies not covered by other courses. The specific topics will be determined by interests of the students and the instructor. Students should check with the Registrar or Chair of the Department of International and Middle Eastern Studies to determine course content for a specific semester.

### **MEST 280 | THE U.A.E. EXPERIENCE (3-0-3)**

**Prerequisite:** ENGL 102 | **Upon demand**

This course examines the U.A.E. as a post-oil society in the Middle East. The relevant aspects of the federation, including the U.A.E.'s economic bases (oil, a diversified economy) and its internal challenges (Emiratization, water and electricity consumption, etc.) will be analyzed. Emphasis will be put on Dubai as an example of a global city in a traditional environment.

### **MEST 301 | ARABIC PROFICIENCY I (3-0-3)**

**Prerequisite:** Placement exam | F, S, SI

This course provides advanced Arabic students with the linguistic skills required to understand and analyze Arabic language media and literature. The course will be in Modern Standard Arabic (MSA) and use authentic texts, which may include limited material in regional dialects. Emphasis will be placed on vocabulary acquisition, extensive reading and analysis, and strengthening students' skills in MSA.

### **MEST 302 | ARABIC PROFICIENCY II (3-0-3)**

**Prerequisite:** Placement exam or MEST 301 | F, S, SI

This course builds on and expands skills from MEST 301, particularly those required to analyze Arabic media and literature. It is intended for advanced Arabic students. The course will be conducted in Modern Standard Arabic (MSA) and use authentic texts, which may include limited use of regional dialects. Emphasis will be placed on vocabulary acquisition, intensive writing, and students' abilities to create content in MSA that is appropriate for formal, professional audiences.

### **MEST 310 | ISLAMIC CIVILIZATION (3-0-3)**

**Prerequisite:** ENGL 102 | F, S

This course explores various aspects of Islam as a civilization and the key achievements made by those who participated in the pursuit of knowledge under the cultural aegis of Islam. Developments in the fields of philosophy, mathematics, astronomy and medicine are some of the major themes highlighted as the course charts the role of Islamic civilization in the transmission of knowledge and ideas to the Mediterranean, Europe and beyond.

### **MEST 315 | HISTORY OF THE MODERN MIDDLE EAST (3-0-3)**

**Prerequisite:** ENGL 102 | **Upon demand**

This course concentrates on the emergence of the modern Middle East by examining its transformation into nation states following the collapse of the Ottoman Empire after WWI, the mandate period and the end of colonial rule. The course will focus on key events and developments across the region from Egypt to Iran, and from Turkey to the Gulf States during the last century.

### **MEST 317 | ARABIC LITERATURE IN TRANSLATION (3-0-3)**

**Prerequisite:** ENGL 103 | SI

This course considers a representative sample of Arabic prose, short stories, novels and plays with a brief account of critical background of the various genres.

### **MEST 318 | CULTURES OF THE MIDDLE EAST (3-0-3)**

**Prerequisite:** ENGL 102 | F

This course aims to explore the diversity, complexity, and dynamism of social and cultural life in the Middle East. It discusses a range of social forms and identities produced, consumed, and contested by the people living in this region,

and juxtaposes general theories about the Middle East with ethnographic studies based on specific localities and communities.

### **MEST 319 | POLITICS IN THE MIDDLE EAST (3-0-3)**

**Prerequisite:** ENGL 102 | SI

This course looks at the political structures and systems of governance across the contemporary Middle East as well as the historical factors that led to their formation. The course also examines the complex but significant relationship between local politics and politics at the level of state and government within individual Middle East countries in order to explain how this relationship has shaped policies both at the regional and at the international levels.

### **MEST 320 | THE QUR'AN: TEXT, HISTORY, AND MEANING (3-0-3)**

**Prerequisite:** ENGL 102 | F

This course examines the historical aspects of the Qur'an, such as the period of its 'revelation', its subsequent codification and the tradition of its interpretation. The course also focuses on the contents of the Qur'an as well as its place in various Muslim intellectual traditions, both medieval and modern.

### **MEST 323 | ISLAM: HISTORICAL AND SOCIETAL ASPECTS (3-0-3)**

**Prerequisite:** ENGL 102 | S, SI

This course is a study of the Islamic religious tradition and its development during various historical periods. The course focuses on the beliefs and practices of Muslims across diverse cultural landscapes as well as on the major schools of thought within Islam. The scope of the course extends to the contemporary period to include an analysis of modern intellectual movements.

### **MEST 327 | ISLAMIC POLITICS (3-0-3)**

**Prerequisite:** ENGL 102 | F

This course will focus on Islam as the language of politics at both the societal level and at the level of state and government. It will examine the influence of the teachings of Islam and Islamic political thought on the organization of society in the Muslim world, and account for the emergence of Islamic states, Islamist movements and the contemporary phenomenon of 'political Islam'.

### **MEST 329 | ISLAMIC ART AND ARCHITECTURE (3-0-3)**

**Prerequisite:** ENGL 102 | F, S, SI

This course is a general survey of Islamic art in its various forms from its beginnings in the 7<sup>th</sup> century to the early modern period. The development will be traced through the examination of architecture, manuscript illustration, textiles, pottery and other art forms.

### **MEST 343 | BUSINESS IN THE MODERN MIDDLE EAST (3-0-3)**

**Prerequisite:** ENGL 102 | S

This course offers descriptive and prescriptive approaches to the economies of the Middle East. The course examines the current status of the economies in the region and how they developed. In addition, discussion will focus on economic challenges in the region. Suggestions for addressing these challenges as well as the consequences of ignoring them will also be discussed.

### **MEST 350 | RELIGIONS OF THE MIDDLE EAST (3-0-3)**

**Prerequisite:** ENGL 102 | Upon demand

This course examines the beliefs, practices and institutions of the three Abrahamic faiths in the Middle East: Islam, Christianity, and Judaism. This course also considers the shared origins and histories of these three religions, in particular the history of their interaction and interdependence in the Middle East.

### **MEST 352 | CONFLICTS IN THE MIDDLE EAST (3-0-3)**

**Prerequisite:** ENGL 102 | S (even years)

This course examines the conflicts which have taken place in the Middle East since the end of the World War II. These conflicts include those between nations, cultures, and ideologies.

### **MEST 353 | WOMEN AND GENDER IN THE MIDDLE EAST (3-0-3)**

**Prerequisite:** ENGL 102 | S (odd years)

This course explores traditional gender roles in Middle East society, historically and in modern times. It focuses on the lives of key female figures in Middle East history with a view to delineating societal attitudes towards women in the region up to the modern day. The course also examines the role played by religion and religious authorities in the

formation and confirmation of such attitudes. In addition, the imperatives of contemporary Middle Eastern women's voices are surveyed as these manifest themselves in film, literature and other intellectual output.

### **MEST 380 | SOCIETY AND ECONOMICS IN THE GULF (3-0-3)**

**Prerequisite:** ENGL 102 | Upon demand

The course analyzes the diversity, complexity and dynamism of political, social, cultural, and economic life in the Gulf region in the modern period. There will be special emphasis on processes of social change and economic development since the Independence of the six GCC countries.

### **MEST 381 | NORTH AFRICA: NATION, SOCIETY, AND CULTURE (3-0-3)**

**Prerequisite:** ENGL 102 | F

This course examines the art, literature, and other aspects of culture in the nations of North Africa and how these important aspects have contributed to the shaping of those societies during various important recent historical periods.

### **MEST 382 | THE LEVANT: ARAB LANDS OF THE EASTERN MEDITERRANEAN (3-0-3)**

**Prerequisite:** ENGL 102 | Upon demand

This course focuses on the area extending from the Turko-Syrian border to Syro-Palestine, encompassing also present-day Lebanon and Jordan. The region is analyzed in terms of cultural continuity and religious diversity against the background of major political events.

### **MEST 383 | IRAQ: REINVENTING THE NATION (3-0-3)**

**Prerequisite:** ENGL 102 | Upon demand

This course surveys the history of the modern nation-state of Iraq in its religious, social and political dimensions. The background and long aftermath of both the Iraq-Iran War and the First Gulf War constitute some of the major focus of the course along with developments within the country since the fall of the Baath regime in 2003.

### **MEST 384 | EGYPT: LITERATURE SINCE 1952 (3-0-3)**

**Prerequisite:** ENGL 102 | Upon demand

This course examines the intricate relationship which has existed in Egypt between creative writers and the state since the coup d'état of 1952. It explores the ways in which creative writers have navigated between the narrow straits of governmental restrictions and societal mores and how these writers have ultimately shaped current Egyptian culture.

### **MEST 475 | SPECIAL TOPICS IN MIDDLE EASTERN STUDIES (3-0-3)**

**Upon demand**

A critical study of theory and research at a relatively advanced level related to topics in Middle Eastern studies not covered by other courses. The specific topics will be determined by interests of the students and the instructor. Students should check with the Registrar or Chair of the Department of International and Middle Eastern Studies to determine course content for a specific semester.

### **MGMT 201 | PRINCIPLES OF MANAGEMENT (3-0-3)**

**Prerequisite:** BUSI 101, ENGL 102 | F, S, SI, SII

This course combines the elements of management (planning, organizing, implementing, controlling and evaluating) and applies leadership principles and characteristics to the exercise of these functions. Management and leadership as topics of study are analyzed and compared. Interpersonal skills required for effective leadership are explored. Students must receive at least a C grade in this course in order to register for additional Management Major courses.

### **MGMT 313 | OPERATIONS MANAGEMENT (3-0-3)**

**Prerequisites:** MGMT 201, QUAN 201 | F, S, SI

This course provides a study of the drivers of quality, customer satisfaction, efficiency and productivity in service and manufacturing enterprises. Topics include product and service design, quality management, facility location and layout, materials management, scheduling, project management, and supply chain management.

### **MGMT 321 | ORGANIZATIONAL BEHAVIOR (3-0-3)**

**Prerequisite:** a grade of C or higher in MGMT 201 | F, S, SI

Organizational behavior is the interdisciplinary field of study that investigates the impact of individuals, groups, and structure on the behavior of organizations, and how organizations manage their environments. The course covers the major theories, concepts, and tools that are employed in the field. Through the application of theoretical knowledge to exercises and case studies, students arrive at a better understanding of human behavior in the work environment.

### **MGMT 331 | HUMAN RESOURCE MANAGEMENT (3-0-3)**

**Prerequisite:** a grade of C or higher in MGMT 201 | F, S, SI

This is an introduction to the principles and practice of human resource management. The role of human resources in the modern business organization will be the main focus. Students will develop proficiency in solving human resource problems through lectures and case studies. The course provides instruction that will help current and aspiring managers to better understand the human resource functions in international, as well as, in the local economies.

### **MGMT 341 | PROJECT MANAGEMENT (3-0-3)**

**Prerequisites:** a grade of C or higher in MGMT 201, QUAN 201 | F, S, SI

This course draws upon the applied fields of organization behavior, management theory/science, and finance to develop a theoretical and very practical understanding of project management for students. The practical learning from this course is accomplished primarily through team-based project simulations.

### **MGMT 401 | INTERNATIONAL MANAGEMENT (3-0-3)**

**Prerequisites:** a grade of C or higher in MGMT 201, MGMT 321 | F, S

Upon completion of this course, students are familiar with the globalization of markets and the economic interdependence of nations. In addition, the course develops skills that will assist students in designing, implementing and evaluating global strategies. Moreover, the socioeconomic, institutional, and structural variables underlying management practices, with a focus on human resources management in North America, Western Europe, Japan, East Asia, and the Arabian Gulf are considered.

### **MGMT 431 | LEADERSHIP (3-0-3)**

**Prerequisite:** MGMT 321 | F, SI

This course aims to provide students with a basic understanding of the role of leadership in the modern organization. Topics covered include different theories and definitions of leadership, organizational goals and the leader's role, leadership vs. management, leadership traits and characteristics, leadership styles and cultural differences, transformational leadership, charismatic leadership, transactional leadership, and gender and leadership. Case studies will be used to illustrate various leadership concepts, traits and styles in action.

### **MGMT 451 | SUPPLY CHAIN MANAGEMENT (3-0-3)**

**Prerequisite:** a grade of C or higher in MGMT 201 | F

This course examines the planning and management of the production and distribution of goods and services as an integrated process which connects suppliers, producers, retailers and the transportation system. Different components of this process are analyzed sequentially, including location choice, distribution system design, selection of suppliers and distributors, contracting issues, partnership formation, inventory policies, production plans and electronic data interchange.

### **MGMT 461 | MANAGING CHANGE AND INNOVATION (3-0-3)**

**Prerequisite:** MGMT 331, MGMT 341 | F, S, SI

The world is a constantly changing place. Once accepted ways of doing business often fail to provide organization much needed growth. Organizations that do not successfully innovate and adapt to their new environments, grow old and weary and die. The history of business is replete with examples of once successful companies that fail and a few that managed to innovate and change. Contrary to what many think it is not the creative new idea but it is the execution of the idea that poses the biggest hurdle. It is vital and interesting to know what specific challenges successful established organizations face to execute innovative and change ideas. In this class we will focus on these challenges through our readings and analyses of several case studies.

### **MGMT 491 | SPECIAL TOPICS IN MANAGEMENT (3-0-3)**

**Prerequisite:** Senior Status or approval of the Chair | Upon demand

This course is a critical study of theory and research related to selected topics in management. The specific topics of this course will be determined by the interests of the students and the instructor.

### **MGMT 499 | STRATEGIC MANAGEMENT (3-0-3)**

**Prerequisites:** Senior Status and completion of all Business Foundation and Core courses, and at least three required Major Electives | F, S, SI

This course introduces students to the elements of the strategic management theory and process including environmental analysis; internal analysis and diagnosis; generic strategy alternatives; strategic choice; and implementation.



### **MKTG 201 | PRINCIPLES OF MARKETING (3-0-3)**

**Prerequisite:** BUSI 101, ENGL 102 | F, S, SI, SII

This course will expose you to the fundamentals of marketing concepts and provide insights into how these concepts are applied by practitioners in the real world. It is designed to give you an overview of basic marketing theory and to introduce you to the elements of marketing practice through topics such as buyer behavior, marketing research, developing marketing goods and services, pricing, distribution, and promotion. Students must receive at least a C grade in this course in order to register for additional Marketing Major courses.

### **MKTG 311 | SALES MANAGEMENT (3-0-3)**

**Prerequisite:** a grade of C or higher in MKTG 201 | F, S

The course is designed to equip students with a theoretical and practical understanding of effective sales management. Students will be furnished with the skills necessary to manage a sales department efficiently. Students will learn how to set selling objectives, to design marketing policies and selling strategies, to organize sales departments for firms of varying size, to coordinate a sales force, to recruit and train sales people, and to analyze markets from a sales perspective.

### **MKTG 321 | RETAIL MANAGEMENT (3-0-3)**

**Prerequisite:** grade of C or higher in MKTG 201 | F, SI

The course offers challenging opportunities for those who choose a management level career in the retail business area. It introduces students to the many diverse forces that exert their influence over the retail trade industry. The course covers basic concepts and methods of retail management. It also exposes students to current retail practices and various retailing career opportunities.

### **MKTG 361 | MARKETING RESEARCH (3-0-3)**

**Prerequisites:** grade of C or higher in MKTG 201, QUAN 201 | F, S

The course will enable students to systematically study, conduct, and evaluate marketing research activities within a firm. Students will be exposed to survey planning, questionnaire construction, interviewing, data collection, data analysis, demand analysis and forecasting, and population sampling procedures.

### **MKTG 371 | DIGITAL MARKETING (3-0-3)**

**Prerequisite:** grade of C or higher in MKTG 201 | F, S

The purpose of this course is to examine aspects of the evolving digital marketing environment, including topics such as digital marketing analytics, search engine optimization, website design, online user experience and social media marketing. Students will explore and learn the theories and applications behind digital marketing, which will provide them with the foundation needed for real-world professional challenges. Students will earn industry certifications during the course.

### **MKTG 401 | CONSUMER BEHAVIOR (3-0-3)**

**Prerequisite:** grade of C or higher in MKTG 201 | F, S

The emphasis of this course is on the descriptive and conceptual analysis of consumer buying behavior with a focus on the theory and research essential to the understanding of individual choice behavior.

### **MKTG 411 | SERVICES MARKETING (3-0-3)**

**Prerequisite:** grade of C or higher in MKTG 201 | S

The course will enable students to focus on the unique challenges of managing services and delivering quality service to customers. It will discuss how services are different from physical products, why they are different, and what strategies result from these differences. Students will appreciate the attraction, retention, and building of strong customer relationships through quality service and will recognize this as the foundation for a strong customer relationship management.

### **MKTG 421 | INTERNATIONAL MARKETING (3-0-3)**

**Prerequisite:** grade of C or higher in MKTG 201 | S, SI

The course incorporates marketing concepts into the framework of the world market place and international business. Students will be exposed to key global topics such as market segmentation; international physical distribution, pricing, and product life cycle; and regulations and embargoes and their effects on international marketing strategy.

### **MKTG 471 | STRATEGIC MARKETING MANAGEMENT (3-0-3)**

**Prerequisite:** *grade of C or higher in MKTG 201, Senior Status or approval of the Chair | F, S*

The course enables students to view the marketing function of an organization from a strategic point of view. Planning, decision-making, implementation of product/price, promotion, advertising, and distribution and other management issues are discussed as they relate to market segmentation, consumer behavior and marketing communications. The course is based on case studies and product analyses.

### **MKTG 491 | SPECIAL TOPICS IN MARKETING (3-0-3)**

**Prerequisite:** *grade of C or higher in MKTG 201, Senior Status or approval of the Chair | Upon demand*

This course is a critical study of theory and research related to selected topics in marketing. The interests of the students and the instructor will determine the specific topics of this course.

### **PHIL 105 | INTRODUCTION TO CRITICAL THINKING (3-0-3)**

**Prerequisite:** *ENGL 101 | F, S*

This course presents formal thinking processes and the utility of critical thinking skills in different situations. Students learn to connect effective thinking, attention to detail, weighing positive and negative factors, and personal responsibility for decisions. Reading, writing, speaking and listening are emphasized throughout the course.

### **PHIL 201 | INTRODUCTION TO PHILOSOPHY/LOGIC (3-0-3)**

**Corequisite:** *ENGL 102 | F, S, SI*

This course is a survey of fundamental problems in several major divisions of philosophy, such as axiology, logic, philosophy of religion, epistemology and metaphysics. This course offers an overview of the basic aims, approaches and types of issues in philosophy, while enabling students to explore the place of philosophy in the development and justification of personal values.

### **PHIL 222 | PROFESSIONAL ETHICS (3-0-3)**

**Prerequisite:** *ENGL 102 | F, S, SI*

This course discusses professional workplace responsibility within the context of meta-ethics and applied ethics. Specific topics include professional interests of clients and employers, safety and liability, public welfare, whistleblowing, and legal obligations. It also reviews professional codes of ethics and examines case studies involving professional ethics.

### **PHIL 225 | ETHICS AND ARTIFICIAL INTELLIGENCE (3-0-3)**

**Prerequisite:** *ENGL 102 | S*

This course addresses the ethical challenges presented by the development and implementation of artificial intelligence, and considers the implications of A.I. in areas such as society, conflict, medicine, and human rights. An analytical and innovation-oriented approach is taken toward current debates and case studies centered on the present use of A.I. in various industries and areas of everyday life.

### **PHIL 250 | POLITICAL PHILOSOPHY (3-0-3)**

**Prerequisite:** *ENGL 102 & WLDC 201 OR PHIL 201 | S*

This course is a historical survey of major political thinkers from Socrates to Foucault, that is, from Classical Antiquity to the present day. The focus will be directed to key concepts and values necessary for the appraisal of political life. We will analyze, for example, the nature and scope of the State, individual rights, equality, liberty, community, property, and justice, as well as the ethical issues that are bound up with these ideas.

### **PHIL 310 | ETHICS AND MORAL PHILOSOPHY (3-0-3)**

**Prerequisite:** *PHIL 201 | Upon demand*

This course offers an introduction to the history of moral philosophy and an exploration of contemporary ethical debates. Through the reading of various foundational texts, both ancient and modern, this course provides an overview of the basic aims, approaches, and types of moral reasoning. Emphasis is on placing debates within a global context and encouraging students to develop their own philosophical perspectives.

### **PHIL 320 | METAPHYSICS AND THE STUDY OF HUMAN EXISTENCE (3-0-3)**

**Prerequisite:** *PHIL 201 | Upon demand*

This course provides the study of human existence through metaphysics – the branch of philosophy concerned with questioning “What is real?” Through the reading of foundational texts, both ancient and modern, this course offers a detailed assessment of the history and development of metaphysical inquiry and its relevance to significant,

contemporary philosophical questions. Emphasis is on placing significant philosophical questions in a broad human context and encouraging students to develop their own philosophical perspectives.

### **PHYS 201 | INTRODUCTORY PHYSICS I W/LAB (3-3-4)**

**Corequisite:** *MATH 205 or MATH 210 | F, S, SI*

Motion in two and three dimensions, Newton's laws, concepts of energy and potential, rotation, Gravitational fields, statics, fluid dynamics and thermodynamics.

### **PHYS 202 | INTRODUCTORY PHYSICS II W/LAB (3-3-4)**

**Prerequisites:** *PHYS 201, MATH 210 | F, S, SI*

Mechanical waves, electrostatics and electrodynamics, fundamentals of electromagnetics, DC and AC circuits, properties of light including interference and diffraction.

### **POLS 200 | INTRODUCTION TO POLITICAL SCIENCE (3-0-3)**

**Prerequisite:** *ENGL 102 | F*

Political science is the scientific study of the institutions, forms of thought and organization, and political actors. Encompassing both theoretical and empirical perspectives, the course provides the methodological tools necessary for describing forms of government, political action, and the objectives and efficacy of political processes. The course also introduces students to basic theories of political ideologies and research methods.

### **POLS 201 | COMPARATIVE POLITICAL SYSTEMS (3-0-3)**

**Prerequisite:** *POLS 200 | F (even years)*

Comparative Politics is a systematic study of the differences and similarities between political institutions and government across the globe. This course introduces students to a variety of theories and methodologies used in scholarly efforts to better understand the origins and effects of democratic and non-democratic political systems. Students compare and contrast various political systems in different regions while assessing their impacts on society and economy.

### **POLS 210 | INTRODUCTION TO INTERNATIONAL RELATIONS (3-0-3)**

**Prerequisite:** *ENGL 102 | S*

This course is an introduction to the study of global issues in the international relations. The course covers key theories and concepts in IR to help students better understand contemporary challenges and debates in global politics. While drawing on recent historical trends and events, students gain the necessary tools to examine and analyze global actors and their interactions in a variety of issue areas, including, trade, finance, human rights, and environment.

### **POLS 325 | INTERNATIONAL ORGANIZATIONS (3-0-3)**

**Prerequisite:** *POLS 200 | Upon demand*

This course introduces students to the roles various international organizations play in the overall attempts to address various global issues. The first half of the course is dedicated to intergovernmental organizations (IGOs); the second half focuses on non-governmental organizations (NGOs). Discussions revolve around organizations which target similar global issues.

### **POLS 330 | FOREIGN POLICY (3-0-3)**

**Prerequisites:** *POLS 210 | Upon demand*

This course introduces students to Foreign Policy Analysis (FPA), a subfield of International Relations that focuses on governments' decision-making processes and implementation. Students learn the history and evolution of FPA, examine some of its most important findings, and practice applying it in historical case studies and current affairs.

### **POLS 340 | INTERNATIONAL DIPLOMACY (3-0-3)**

**Prerequisites:** *POLS 210 | F*

This course offers an overview of the historical evolution and practice of contemporary diplomacy. Students analyze the activities of a modern diplomat within a wider historical and theoretical context. The course covers the functions of modern diplomacy as well as the techniques of international negotiation by using historical and contemporary examples.

### **POLS 350 | POLITICAL VIOLENCE: A HISTORICAL PERSPECTIVE (3-0-3)**

**Prerequisite:** ENGL 102 | S

The course provides a theoretical, conceptual, and historical framework that enables students to understand the evolution of the phenomenon of political violence and how it functions. The course addresses the questions of definition of terrorism, history of the concept, perspectives on causes, structure and organization of terrorist groups, in relation to the debate on the changing face of contemporary conflicts, emerging groups and the consequences of political violence. The approach seeks to differentiate between different forms of terrorism in relation to the political and societal contexts from which they originate and the differing domestic, regional, and international responses they generate.

### **POLS 401 | CONTEMPORARY POLITICAL ISSUES (3-0-3)**

**Prerequisites:** POLS 200 | SI

In this seminar-style course, students explore current issues in politics. In addition, all students are expected to look at the historical, economic, and cultural factors involved. The course is designed to allow students to explore a primary area of interest while maintaining the interrelationships of all major areas of the BAIS degree. This course is also open to non-BAIS students.

### **POLS 415 | GEOPOLITICS (3-0-3)**

**Prerequisites:** POLS 210 | Upon demand

Geopolitics analyzes the relationship between geography (location, size, natural resources, demographics, activities, etc.), and the political tensions that crystallize on a given space. Cases will be presented to introduce the prevalent thinking processes and how they apply to contemporary conditions.

### **PSPK 101 | PUBLIC SPEAKING (3-0-3)**

**Prerequisite:** ENGL 102 | F, S, SI, SII

This course provides students with the knowledge and skills to effectively articulate their ideas across diverse communication contexts. Students learn the rhetorical strategies needed to become strong public speakers who are able to deliver extemporaneous oral presentations in a variety of settings. Particular attention is given to an audience-centered approach that emphasizes critical thinking and cultural awareness.

### **PSYC 201 | GENERAL PSYCHOLOGY (3-0-3)**

**Corequisite:** ENGL 101 | F, S, SI

This course is designed to introduce students to the various theories and contributions in the field of psychology. It includes the topics of learning, memory, language development, perception, theories of emotion, personality theory, child development and social psychology.

### **PSYC 205 | RESEARCH METHODS IN PSYCHOLOGY (3-0-3)**

**Prerequisites:** PSYC 201, MATH 101 | F, S

This course introduces students to quantitative and qualitative research methods in psychology, with a focus on quantitative methods. At the end of this course, students should be able to design and implement psychological studies using a wide range of methodologies and analytic strategies.

### **PSYC 210 | ABNORMAL PSYCHOLOGY (3-0-3)**

**Prerequisite:** PSYC 201 | S

This course provides an overview of abnormal psychology from a number of perspectives (biological, behavioral, and social). At the end of this course, students should be able to identify the origins, symptoms, and treatments for a wide range of psychological disorders, including but not limited to anxiety disorders, mood disorders, psychotic disorders, personality disorders, neurodevelopmental disorders, and eating disorders. Students should also understand the importance of developing and maintaining empathy towards individuals who may suffer from psychological disorders.

### **PSYC 215 | DEVELOPMENTAL PSYCHOLOGY (3-0-3)**

**Prerequisite:** PSYC 201 | S

This course focuses on individual development from the prenatal period through late adulthood, from a number of perspectives (biological, cognitive, and psychosocial). At the end of this course, students should be able to understand theories of human development, including hereditary and environmental influences, during the prenatal, early childhood, middle childhood, adolescent, emerging adult, adult, and late adult stages of development.

### **PSYC 220 | PRINCIPLES OF LEARNING (3-0-3)**

**Prerequisite:** PSYC 201 | S, Upon demand

This course focuses on the basic principles of learning. At the end of this course, students should be able to understand associative (i.e., classical and operant conditioning) and observational learning. Students will have the opportunity to train a virtual rat using the processes of classical and operant conditioning.

### **PSYC 230 | COGNITIVE PSYCHOLOGY (3-0-3)**

**Prerequisite:** PSYC 201, BIOL 201 or SCIE 201 | Upon demand

This course focuses on the scientific study of how people think and process information. At the end of this course, students should be able to understand the mental processes that underlie human abilities including perception, attention, consciousness, memory, learning, problem solving, decision making and language.

### **PSYC 231 | SENSATION AND PERCEPTION (3-0-3)**

**Prerequisites:** PSYC 201, BIOL 201 or SCIE 201 | S

In this course, students will use the major theoretical perspectives to examine how humans sense and perceive the world around them. At the end of this course, students should be able to understand vision, sound, and perceiving objects and scenes.

### **PSYC 232 | PSYCHOLOGY OF ADDICTIVE BEHAVIOR (3-0-3)**

**Prerequisites:** PSYC 201, BIOL 201 or SCIE 201 | S

This course introduces students to the different theoretical frameworks that explain addictive behaviors, as well as different treatment options and prevention models. At the end of this course, students should be able to understand how addiction affects physical health, emotional well-being, occupational functioning, and interpersonal relationships.

### **PSYC 305 | STATISTICS FOR PSYCHOLOGY (3-0-3)**

**Prerequisite:** PSYC 205 | F

This course introduces the main descriptive and inferential statistics used in psychology research. At the end of this course, students should be able to select, run, and analyze the appropriate statistical procedure for their research question.

### **PSYC 313 | SOCIAL PSYCHOLOGY (3-0-3)**

**Prerequisite:** PSYC 201 | F

This course is intended to introduce the students to the basic concepts and topics in the field of social psychology. Topics in this course include the social self, attitudes and persuasion, attribution theory, groups, pro-social behavior and altruism, attraction, nonverbal communication, aggression, prejudice and discrimination, the impact of the environment on behavior, social psychology, and the legal system and social psychology of health.

### **PSYC 315 | PERSONALITY PSYCHOLOGY (3-0-3)**

**Prerequisite:** PSYC 201 | F

This course introduces students to personality psychology's major theoretical and empirical findings. Students will learn about different theories of personality (physiological, evolutionary, and psychoanalytical), the major personality traits, factors that influence personality (genetics, culture, and social relations), how personality develops, how to assess personality, and the nature and causes of personality disorders.

### **PSYC 360 | CONSUMER PSYCHOLOGY (3-0-3)**

**Prerequisite:** PSYC 305 | S

This course introduces the main concepts, theories, and findings in consumer psychology. At the end of this course, students should be able to understand the attitudes, motivations, and perceptual processes of consumers.

### **PSYC 365 | INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY (3-0-3)**

**Prerequisite:** Junior Status | F

This course introduces the main concepts, theories, and findings in industrial/organizational psychology. At the end of this course, students should be able to understand the employee selection process, employees' attitudes and motivation, as well as leadership and conflict management.

### **PSYC 398 | PSYCHOLOGY INTERNSHIP (0-15-3)**

**Prerequisite: Senior Status and approval of the Dean | S, and Upon demand**

With the aid of a supervising instructor and under the direct supervision of a member of the host organization, students participate in a practical onsite internship in which theoretical psychological principles are applied to “real world” situations.

**PSYC 401 | SELECTED TOPICS IN PSYCHOLOGY (3-0-3)**

**Prerequisites: ENGL 102, Junior Status | Upon demand**

This seminar-style course asks students to explore current issues in psychology. In addition, students are expected to look at the biological, psychological, social, and cultural factors involved.

**PSYC 411 | CLINICAL PSYCHOLOGY (3-0-3)**

**Prerequisites: PSYC 305, Junior Status | F**

This course introduces students to research and practice in clinical psychology. At the end of this course, students should be able to understand the process of diagnosing, classifying, and treating psychological problems.

**PSYC 412 | PSYCHOLOGICAL TESTING AND ASSESSMENT (3-0-3)**

**Prerequisites: PSYC 305, Junior Status | Upon demand**

This course introduces students to psychological testing and assessment. At the end of this course, students should be able to evaluate, use, and create psychological tests.

**PSYC 413 | FAMILY PSYCHOLOGY (3-0-3)**

**Prerequisites: PSYC 305, Junior Status | S**

This course introduces student to family patterns and processes. At the end of this course, students should be able to understand theories related to families and systems, parent-child relationships, and parenting practices across culture.

**PSYC 415 | PSYCHOLOGY OF ADVERTISING AND MASS MEDIA (3-0-3)**

**Prerequisites: ENGL 102, PSYC 201 | S**

This course examines the role of mass media and the effects of advertising in issues of sex roles, sexual attitudes and violence. Emphasis is placed on behavioral, psychological, and physiological reactions to advertising and media exposure, and on the acquisition of imitative response.

**PSYC 440 | ETHICS IN PSYCHOLOGY: RESEARCH AND PRACTICE (3-0-3)**

**Prerequisite: Junior Status | F**

This course introduces ethical decision-making in psychology research and practice. At the end of this course, students should be able to identify ethical dilemmas and suggest courses of action for addressing them.

**PSYC 450 | HISTORY AND SYSTEMS OF PSYCHOLOGY (3-0-3)**

**Prerequisite: Junior Status | F**

This course provides an overview of the history of psychology and its major systems. At the end of this course, students should be able to understand how the development of psychology as a science was affected by various factors such as other disciplines and sociocultural changes.

**PSYC 498 | THESIS I (3-0-3)**

**Prerequisite: Senior Status | F**

Students are expected to draw from the knowledge and skills that they have accumulated in the first three years of the program to plan, develop, and write a research proposal under individual faculty supervision.

**PSYC 499 | THESIS II (3-0-3)**

**Prerequisite: PSYC 498 | S**

This course is the second part of the thesis project in psychology in which students are expected to produce and orally defend the project that was approved in PSYC 498.

### **QUAN 201 | INTRODUCTION TO BUSINESS STATISTICS (3-0-3)**

**Prerequisite:** *MATH 200 | F, S, SI, SII*

This foundation course in descriptive and inferential statistics is inclusive of probability, discrete and continuous distributions, correlation and linear regression, confidence intervals and hypothesis testing.

### **QUAN 301 | QUANTITATIVE METHODS FOR DECISION-MAKING (3-0-3)**

**Prerequisite:** *QUAN 201 | F, S, SI*

This is an advanced course in the quantitative techniques used in managerial decisions. Building upon foundation coursework in statistics, students participate in advanced applications of deterministic and probabilistic models of decision theory, linear programming, simulation, and dynamic programming.

### **SCIE 201 | LIFE SCIENCES FOR TODAY (3-0-3)**

**Corequisite:** *ENGL 101 (students will not receive credit for both BIOL 201 and SCIE 201) | F, S, SI*

This course introduces students to basics of life sciences including topics that address health and disease, the diversity of life on Earth, and the environment. The course covers core concepts and recent developments in life sciences, such as cellular, molecular and biochemical concepts in health and disease, the scientific method of discovery, scientific innovations, biodiversity and sustainability.

### **SCIE 211 | WATER SUSTAINABILITY (3-0-3)**

**Prerequisite:** *ENGL 101, MATH 090 or MATH 095 | Upon demand*

This course presents an overview of water sustainability by highlighting the importance of water in sustaining life, biodiversity, human health and development. Students will evaluate scientific, technical and socio-economic solutions to sustainably manage global water supplies.

### **SCIE 241 | PRINCIPLES OF HUMAN NUTRITION (3-0-3)**

*F, S, SI*

The course provides an overview of complete nutritional requirements needed by humans for the maintenance of good health throughout life and in the prevention of disease. Topics discussed will include dietary sources, nutritional guidelines, food labeling, weight management, and the role of evidence-based science, culture, education and media in dietary choices, practices and policies.

### **SCIE 242 | WOMEN'S HEALTH (3-0-3)**

**Corequisite:** *ENGL 101 | F, S, SI*

This course examines global topics in women's health emphasizing the physiological, behavioral, social, economic, environmental, and political factors associated with women's health and survival. The course reviews the physiological uniqueness of women and examines mechanisms, practices, and solutions to improving women's health care.

### **SCIE 251 | ENVIRONMENTAL HEALTH AND SUSTAINABILITY (3-0-3)**

**Corequisite:** *ENGL 101 | F, S*

This course focuses on environmental exposures, and their effects on the environment and human health. Students examine topics reflecting upon the importance of environmental protection from hazardous wastes, food sustainability, pests and pesticides, air quality, water quality, industrial contaminants, and radiation. Students develop an understanding of the connection between environmental protection, sustainability and human health.

### **SCIE 275 | SELECTED TOPICS IN NATURAL SCIENCES (3-0-3)**

*Upon demand*

Topics in the natural sciences which are not covered by other course offerings. The specific topics will be determined by student/instructor interest. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

### **SCIE 311 | PRINCIPLES OF ENVIRONMENTAL SCIENCES (3-0-3)**

**Prerequisite:** *BIOL 201, BIOL 202, SCIE 201 or SCIE 211, ENGL 101, MATH 101 or higher | F, and Upon demand*

This course is designed to introduce students to the basic principles of environmental sciences. The course will cover important environmental themes such as biodiversity, environmental conservation, population issues, pollution, waste

management strategies, and sustainable development. Students will have an opportunity to examine contemporary environmental issues and international environmental policies which directly impact their lives.

### **SCIE 341 | PUBLIC HEALTH (3-0-3)**

**Prerequisite:** ENGL 101, MATH 101 or higher | Upon demand

This course introduces public health as an interdisciplinary science concerned with topics central to the health of populations and their physical, mental, and social well-being. The course focuses on current pertinent public health problems, assessing causation and examining intervention and management strategies from personal, social, and organizational levels.

### **SCIE 351 | HEALTH TECHNOLOGY AND INNOVATION IN THE 21<sup>ST</sup> CENTURY (3-0-3)**

**Prerequisites:** ENGL 102 and any one of the following: BIOL201, SCIE201, SCIE241, SCIE242, SCIE341 | F, and Upon demand

This course introduces students to the latest advances and applications in health technology used by patients and healthcare providers alike, to improve human health and survival. It examines health, societal and ethical impacts of such medical advances and technologies, and highlights the need for continued innovation in healthcare delivery.

### **SCIE 475 | SPECIAL TOPICS IN NATURAL SCIENCES (3-0-3)**

**Upon demand**

Advanced topics in the natural sciences which are not covered by other course offerings. The specific topics will be determined by student/instructor interest. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

### **SOCI 201 | INTRODUCTION TO SOCIOLOGY (3-0-3)**

**Corequisite:** ENGL 101 | F, S, SI

This introductory course to sociology provides students with an understanding of how individuals within various societies interact both as individuals and as members of various groups within those societies. The course examines what motivates individuals to form and belong to groups, and how those groups affect change within a given society. The course also examines unequal power relationships between different groups in a given society.

### **SOCI 301 | GLOBALIZATION (3-0-3)**

**Prerequisite:** SOCI 201 and Junior Status | S

This course provides students with analytical skills to apply sociological inquiry to examine the phenomena associated with globalization. The course focuses on the transformation of the economic, social and political relations and networks within and between the nations since the age of colonialism. Focusing on the most recent trends in the world, this course covers issues such as global inequalities, dispossession, labor exploitation, forced migrations, militarization, social movements, urban growth, and ecological crises.

### **SOCI 332 | CULTURE AND SOCIETY IN SOUTH ASIA (3-0-3)**

**Prerequisite:** ENGL 102 | Upon demand

The course introduces students to the core topics in the culture and society of South Asia, including caste, agrarian relations, kinship, and religion. Students examine classic and contemporary ethnographies, as well as salient issues such as gender and modernity.

### **SOCI 340 | TECHNOLOGY AND SOCIETY (3-0-3)**

**Prerequisite:** ENGL 102, SOCI 201 | Upon demand

This course examines the complex nature of the relationship between technological advancements and the societies in which those advancements take place. The primary focus of the course will be the technological advancements which have taken place between the middle of the 20th century and the present day. Discussion will focus on the societal effects of the most recent technological developments. Among other areas, the course focuses on significant technological advancements in the fields of energy, health, war, the environment, and communication.

### **SOCI 344 | GENDER AND SOCIETY (3-0-3)**

**Prerequisite:** ENGL 102, SOCI 201 | Upon demand

This course examines the ways in which various societies and cultures within those societies influence the gender roles of their members. Course discussion involves how concepts of 'masculinity' and 'femininity' are determined. Gender stereotypes, differences and similarities, limitations, and their impact on areas of culture are also explored.



### **SOCI 350 | SOCIOLOGY OF VIOLENCE (3-0-3)**

**Prerequisite:** ENGL 102 | S

This course introduces students to the theoretical and conceptual tools to identify, define, explain and evaluate various forms of organized violence. The course explores the most acclaimed scholarly debates on violence, which is a controversial aspect of social, cultural, economic and political organization in our societies.

### **SPAN 101 | ELEMENTARY SPANISH I (4-1-4)**

**F, S, SI**

Long recognized for its cultural significance, the Spanish language continues to grow in importance in the design and business communities. This course provides students with oral and written approaches to beginning Spanish grammar skills. Individual daily work with language tapes is an essential part of the program.

### **SPAN 102 | ELEMENTARY SPANISH II (4-1-4)**

**Prerequisite:** SPAN 101 or equivalent | F, S, SI

This course is a continuation of Spanish 101, with expansion of vocabulary and possibilities of expression.

### **SPAN 201 | INTERMEDIATE SPANISH I (4-1-4)**

**Prerequisite:** SPAN 102 or equivalent | F and Upon demand

This course continues the development of Spanish language and culture from SPAN 102, using an oral and written approach to advance Spanish grammar and conversation, with emphasis on communication skills.

### **SPAN 202 | INTERMEDIATE SPANISH II (4-1-4)**

**Prerequisite:** SPAN 201 or equivalent | S and Upon demand

This is a continuation of SPAN 201, featuring practice in speaking, reading and writing with emphasis on cultural and literary readings, composition and grammar review. This completes the sequence of four language courses where the aim continues toward a higher level of language acquisition to maximize each student's language skills.

### **SSCI 275 | SELECTED TOPICS IN SOCIAL SCIENCES (3-0-3)**

**Upon demand**

Topics in the social sciences which are not covered by other course offerings. The specific topics will be determined by student/instructor interest. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

### **SSCI 475 | SPECIAL TOPICS IN SOCIAL SCIENCES (3-0-3)**

**Upon demand**

Advanced topics in the social sciences which are not covered by other course offerings. The specific topics will be determined by student/instructor interest. Students should check with the Registrar or Dean of Arts and Sciences to determine course content for a specific semester.

### **UNIV 100 | THE UNIVERSITY EXPERIENCE (1-0-0)**

**F, S, SI**

This course is designed to give students an understanding of how a modern American university functions, their role as students at the university, and the most important skills involved in successfully fulfilling that role. These skills include critical thinking, problem solving, time management and communication. Students are introduced to many of the skills and philosophies needed in their academic journey at AUD.

### **VCAD 202 | HISTORY OF ADVERTISING (3-0-3)**

**Prerequisite:** ARTS 201 | S

This course studies the history of Advertising from an art direction perspective. Students evaluate historical campaigns and learn about the role of the creative team in the conception, development and final visual representation of the Advertising message.

### **VCAD 251 | VISUALIZATION IN ADVERTISING (1-4-3)**

**Prerequisite:** VCCC 205 | S

This course explores the significance of the image in the process of message delivery and communication. Students learn about visualization while generating creative communication designs.

### **VCAD 301 | TYPOGRAPHY IN ADVERTISING (1-4-3)**

**Prerequisite:** VCAD 251, **Corequisite:** VCAD 302 | F

This course explores typography and the significance of typefaces in the process of message delivery and communication. Students learn and apply the basic principles and practices in typography while generating creative communication designs.

### **VCAD 302 | LAYOUT IN ADVERTISING (1-4-3)**

**Prerequisite:** VCAD 251, **Corequisite:** VCAD 301 | F

This course provides a general overview on the basic principles and practices in layout design. Across a variety of media, students design and employ effective layout grids that best deliver the message and the brand's image.

### **VCAD 351 | COPYWRITING IN ADVERTISING (1-4-3)**

**Prerequisite:** AIMC 201 | S

This course provides the student with a solid background in developing and writing strategic and persuasive messages for multimedia Advertising and Integrated Marketing Communications (IMC).

### **VCAD 352 | EXECUTION, PRODUCTION AND PRESENTATION (1-4-3)**

**Prerequisite:** VCAD 302, **Corequisite:** VCAD 351 | S

Students execute, produce and present campaigns that answer a creative brief. Students operate as typical creative teams, liaising with stakeholders and producing creative communications across varied media, from conception through production stages.

### **VCAD 353 | IMC CREATIVE CONCEPTION (1-4-3)**

**Prerequisite:** AIMC 201 | S

This course joins the conception process with creative execution practices within Advertising and the IMC. Students must evaluate existing brand strategies and executions. They also generate concrete creative solutions across various disciplines.

### **VCAD 451 | ALTERNATIVE ADVERTISING (1-4-3)**

**Prerequisite:** VCAD 353 | *Upon Demand*

This course explores alternative solutions in Advertising and Integrated Marketing Communication. Students learn to seize attention, when least expected, until the message is delivered.

### **VCAD 452 | IMC AND INTERNATIONAL ADVERTISING (3-0-3)**

**Prerequisite:** VCAD 353 | *Upon Demand*

This advanced course examines the global marketplace and the factors influencing decisions in Integrated Marketing Communication, and more specifically, in Advertising. These decisions cover strategy, media selection and execution.

### **VCAD 453 | ARABIC COPYWRITING (1-4-3)**

**Prerequisite:** VCAD 351 | *Upon Demand*

This course explores the significance of Arabic copywriting for Advertising within the region. Students learn to target the Arab consumer at the concept development stage, delivering effective Arabic copy based on a genuine Arabic approach.

### **VCAD 454 | ADVANCED COPYWRITING (1-4-3)**

**Prerequisite:** VCAD 351 | *Upon Demand*

This course builds upon the Copywriting in Advertising course. Students continue to learn about the practices of copywriting and produce effective copy for multimedia Advertising and Integrated Marketing Communications (IMC).

### **VCCC 100 | INTRODUCTION TO VISUAL COMMUNICATION (3-0-3)**

**Corequisite:** ENGL 100 | F, S, SI

This course introduces basic concepts of visual communication in a general historical framework. Emphasis is placed on reading and writing about art and creative design process to give incoming students sufficient preparation for the program.

### **VCCC 101 | BASIC PRINCIPLES OF 2D DESIGN (1-4-3)**

**Corequisite:** VCCC 100 | F, S, SI

This foundation course introduces the elements and principles of two-dimensional art and design. In addition to learning basic skills of craftsmanship and visual problem solving, students develop their vocabulary and conceptualization abilities through class projects, critiques, presentations, as well as reading and writing assignments.

### **VCCC 102 | BASIC PRINCIPLES OF 3D DESIGN (1-4-3)**

**Corequisite:** VCCC 100 | F, S, SI

This foundation level course introduces students to the fundamental principles and practices of three-dimensional design. Students learn to manipulate scale, mass, plane, line, and volume for communicative and expressive ends using a variety of media.

### **VCCC 104 | FREEHAND DRAWING I (1-4-3)**

**Corequisite:** VCCC 100 | F, S, SI

This foundation course introduces the techniques and perceptual skills of drawing. The student practices line, volume, tone, texture, perspective and composition through a series of exercises that will develop in complexity as the student's perceptual abilities grow and strengthen. Regular readings, discussions and critiques expand the student's art vocabulary.

### **VCCC 105 | COMPUTER GRAPHICS I (1-4-3)**

**F, S, SI**

Through lecture, demonstration and practical experience this course covers the basics of industry standard design, layout, and image editing programs, as well as typical input and output options. Special focus is placed on developing competency with the technical aspects of each software application, their uses and file formats.

### **VCCC 204 | FREEHAND DRAWING II (1-4-3)**

**Prerequisite:** VCCC 104 | F, S

This course is a continuation of Freehand Drawing I. Deeper exploration of composition, value, and conceptualization is emphasized as well as alternative drawing techniques and the use of color. Students study the human figure, gesture drawing, and the traditions of drawing throughout history. Through regular readings, discussions, and critiques, students consider drawing as an expressive medium on its own.

### **VCCC 205 | COMPUTER GRAPHICS II (1-4-3)**

**Prerequisite:** Grade of C or higher in VCCC 105 | F, S

This course is designed to further the student's technical ability with design, layout and image editing programs. Emphasis is placed on preparing the student for professional technical competency with industry standard graphics software applications. Additional input and output options, and typical graphics applications workflows are covered.

### **VCCC 350 | COMMUNITY SERVICE WORKSHOP (1-4-3)**

**Prerequisites:** Junior Status, approval of the Chair | Upon Demand

This class is an actual functioning design studio. The students will work on in-house and real life projects for community groups, charity groups and non-profit organizations. The class gives the student practical experience and published portfolio pieces.

### **VCCC 399 | SELECTED TOPICS IN VISUAL COMMUNICATION (1-4-3)**

**Prerequisites:** Junior Status, approval of the Chair | Upon Demand

Topics at an intermediate level in a Visual Communication discipline not covered by other course offerings. The specific topic is determined by instructor interest and student demand. Prior approval of the course material and syllabus by the Visual Communication Chair is required.

### **VCCC 480 | SENIOR PROJECT (1-4-3)**

**Prerequisites:** Senior Status | F, S

A senior capstone course consisting of one, semester-long comprehensive project, and designed to evaluate the student's ability to perform at a professional level. The individual project utilizes all of the skills students have learned throughout their education in the program. Students meet in both group and individual sessions with the instructor to develop and execute their projects.

### **VCCC 485 | BUSINESS PRACTICES AND FINAL PORTFOLIO (2-2-3)**

**Prerequisites:** Senior Status | F, S

This capstone course examines career planning methods and entry level industry expectations. Students learn and work to present themselves, their skills and their work in a creative, professional manner, Visual identities, portfolios and collaterals are then evaluated by leading professionals.

### **VCCC 490 | VISUAL COMMUNICATION INTERNSHIP (0-15-3)**

**Prerequisites:** Senior Status, approval of the Chair | F, S, SI Upon demand

Students gain experience by applying their academic knowledge to responsible roles outside the university context; they complete 250 hours of training at a reputed business relevant to their academic major, under the supervision of the course instructor. Interns will experience professional teamwork, complete set tasks, create adequate solutions, and contribute to the overall creative work process, gaining clearer insight about their profession.

### **VCCC 499 | SPECIAL TOPICS IN VISUAL COMMUNICATION (1-4-3)**

**Prerequisites:** Junior Status, approval of the Chair | Upon Demand

Topics at an advanced level in a Visual Communication discipline not covered by other course offerings. The specific topic is determined by instructor interest and student demand. Prior approval of the course material and syllabus by the Visual Communication Chair is required.

### **VCDM 201 | FUNDAMENTALS OF WEB DESIGN (1-4-3)**

**Prerequisite:** VCCC 205 | F, S

This course introduces basic concepts, issues and techniques related to designing and developing web sites. Students learn about design specifically for the Web: image processing, navigation, and information architecture. Students will learn how to create web sites manually and with the use of popular web design software.

### **VCDM 202 | ONLINE MEDIA PRODUCTION (1-4-3)**

**F**

In this practicum digital course, students will form an interdisciplinary team to produce online media content distributed on the latest digital platforms. Students will have the opportunity to specialize in digital production fields of interest to them.

### **VCDM 210 | COMPUTER ANIMATION I (1-4-3)**

**Prerequisite:** VCCC 205 | F

This course introduces the basic processes and knowledge necessary to create computer 3D modeling and animation. Students learn the basics of modeling and animating in a digital 3D environment. Students are introduced to different workflows for the creation of low- and high polygon count projects. Students build confidence and competence working on smaller projects in this course.

### **VCDM 221 | INTRODUCTION TO VIDEO PRODUCTION (1-4-3)**

**Prerequisite:** VCCC 105 | F

This course functions as an introduction to digital video production. Students learn to use current software, techniques and equipment, while also considering sound and sequencing their moving images when developing video projects. Students gain a beginning understanding of the history of video.

### **VCDM 222 | INTRODUCTION TO SOUND (1-4-3)**

**Prerequisite:** VCCC 205 | F

This course functions as an introduction to sound design. Students learn the basic principles of acoustics, sound recording and production as well as an understanding of theories and history of sound design. Through projects, students explore aspects of sound design for a wide range of media.

### **VCDM 230 | INTRODUCTION TO INTERACTIVE MEDIA (1-4-3)**

**Prerequisite:** VCCC 205 | S

Introduction to Interactive Media introduces current interactive software and hardware while providing experience developing multimedia materials containing sound, graphics, animation, and interactive components. Students gain hands-on experience through a series of practical skills building tasks.

### **VCDM 250 | MOTION GRAPHICS I (1-4-3)**

**Prerequisite:** VCCC 205 | Upon demand

This class focusses on the art, the principles and the workflows of motion graphics. Students will learn to transform static graphic elements (vector and pixel graphics), typography and 3D CG elements into time-based media. They will develop a vocabulary relevant to the field through project work, class critiques and presentation. Students will develop skills in motion based graphic design and craftsmanship in handling the relevant technology aiming to solve visual problems.

### **VCDM 301 | DESIGN CONCEPTS FOR THE WEB (1-4-3)**

**Prerequisite:** VCDM 201 | S

Students apply the fundamental design concepts covered in VCDM 201 to build complete web sites. Focus is on the far-reaching potential of the Web as a space for both artistic and commercial practice. Additionally, students gain a strong understanding of the social and cultural contexts of the Web.

### **VCDM 305 | ART AND THE ELECTRONIC AGE (3-0-3)**

**Prerequisite:** ARTS 201 | S, SI

This course is an overview of each of the main advanced electronic art sectors, including the artists active in each of them. The sectors are: computer art, video art, and installation art. The course aims to give an account of the relationship between the artists and audiences, and to examine how art is received in virtual, public, interactive or traditional spaces. The course will address the current state of electronic art through a series of presentations, discussions and topic specific projects and/or research papers.

### **VCDM 310 | COMPUTER ANIMATION II (1-4-3)**

**Prerequisite:** VCDM 210 | S

This is a project-based course creating content for a digital, 3D environment. Students pursue their own vision to develop complete 3D worlds. More advanced processes and workflows are introduced for the creation of 3D models and animation. Different types of outputs are encouraged: for the web, film-oriented, or 2D and 3D printed output.

### **VCDM 321 | INTERMEDIATE PROJECTS IN VIDEO (1-4-3)**

**Prerequisite:** VCDM 221 or COMM 230 | S

This intermediate class provides students opportunity to experiment with the many possibilities of video production. Through projects, screenings and readings, students explore video as an expressive medium. Students also gain a strong understanding of the cultural context of video.

### **VCDM 322 | ADVANCED SOUND DESIGN STUDIO (1-4-3)**

**Prerequisite:** VCDM 222 or COMM 232| Upon Demand

Students experiment with sound design techniques and technologies. Projects explore the ideas of sound aesthetics and emotive influence while allowing for experimentation in execution and installation. Students gain a strong understanding of the cultural context of sound design.

### **VCDM 325 | UNDERWATER MEDIA PRODUCTION (1-4-3)**

**SI**

This course functions as an introduction to underwater media production. Students will learn to use current software, techniques, and equipment and begin to think about video and sequence with their moving images while developing a video project. Students will gain a beginning understanding the unique qualities and challenges of underwater media production.

### **VCDM 330 | ADVANCED PROJECTS IN INTERACTIVE MEDIA (1-4-3)**

**Prerequisite:** VCDM 230 | F

An advanced course designed to explore sound interface, spatial design and interactivity. Students explore strategies of interactivity with an emphasis on innovative ways to conceptualize and design interactive projects. Students gain a strong understanding of the cultural context of interactive media.

### **VCDM 350 | MOTION GRAPHICS II (1-4-3)**

**Prerequisite:** VCDM 250 | Upon demand

This class focusses on the art, the principles and the workflows of motion graphics at an advanced level. Students will develop an understanding of how to transform complex ideas into graphic time-based media. They will also develop an enhanced vocabulary relevant to the field through project work, class critiques and presentation. Students will

develop skills in motion-based graphic design and craftsmanship in handling the relevant technology aiming to solve visual problems.

### **VCDM 401 | ADVANCED WEB TECHNIQUES (1-4-3)**

**Prerequisites:** VCDM 221 or COMM 230, VCDM 230, VCDM 301 | *Upon Demand*

This course integrates time-based media, such as video, animation, and sound files, into the design of rich-content web sites. Taking full advantage of these media without compromising the usability of the web site is a primary goal. Special focus will be placed on experimentation to achieve innovative results.

### **VCDM 402 | WEB DEVELOPMENT (1-4-3)**

**Prerequisite:** VCDM 301 | *Upon Demand*

This course provides an introduction to dynamic, database-driven web sites that are integral to all mid-to-large web development projects. Emphasis is placed on designing server-side content structures and the configuration of appropriate scripts to interact with the client-side web site.

### **VCDM 410 | COMPUTER ANIMATION III (1-4-3)**

**Prerequisite:** VCDM 310 | *Upon Demand*

Students work independently on larger-scale, semester-long animation projects of their own choosing. Students are encouraged to develop experimental, mixed-media outputs for their animations. Professional animators visit to critique student work in progress at key stages of the production.

### **VCDM 421 | ADVANCED VIDEO PRODUCTION (1-4-3)**

**Prerequisite:** VCDM 321 | *Upon Demand*

This is an advanced video class in which the student works independently on self-defined projects. Students will work with the technical and experimental foundation of previous courses in order to create advanced-level video projects. Off campus presentations of projects is expected.

### **VCGD 251 | TYPOGRAPHY I (1-4-3)**

**Corequisites:** ARTS 201, VCCC 204, VCCC 205 | *F*

Developing sensitivity for different kinds of lettering and typographic forms is an essential foundation for all graphic designers. This course explains the history and methodology of the Latin alphabet, its construction, historical classifications and styles in practical terms. An emphasis is put on the composition of single page layouts using various texts. Students must receive at least a C grade in this course in order to register for additional Graphic Design courses.

### **VCGD 256 | GRAPHIC DESIGN I (1-4-3)**

**Prerequisite:** VCGD 251, **Corequisites:** VCGD 300 | *S*

This course familiarizes students with basic visual language and the process of graphic design as applied to the various specializations and design applications. Students learn to enhance meaning and develop concepts through research, sketching, visual editing, creating compositions and various other design processes.

### **VCGD 300 | HISTORY OF GRAPHIC DESIGN (3-0-3)**

*S*

This course traces the events and achievements that have shaped graphic design from its beginnings to the present day. The course is taught through a series of lectures and assigned research projects. Students learn to analyze innovative concepts, methods and technologies used throughout the history of graphic design.

### **VCGD 351 | TYPOGRAPHY II (1-4-3)**

**Prerequisite:** VCGD 251, **Corequisites:** VCGD 256, VCGD 300 | *S*

This course introduces students to the various historical and technical developments of type design during the 20th century. By examining various design publications and completing a series of projects, students gain an understanding of style and design detail both in relation to cultural/art contexts and technical possibilities. Students explore typographic structure and composition.

### **VCGD 353 | PRODUCTION DESIGN (1-4-3)**

**Prerequisite:** VCGD 256 | *F*

In this course, students are guided through the various production processes used in graphic design. Understanding both manual and computer-aided procedures allows students to choose the best method of production. Through experimentation of traditional media and emerging technologies students are expected to understand, and apply various methods to execute, publish and present final designs.

### **VCGD 356 | GRAPHIC DESIGN II (I-4-3)**

**Prerequisite:** VCGD 256 | F

This course takes a broader approach to creative design thinking, and encourages exploration of wider visual sources, media and methods of expression. Skills of visual judgment and critical assessment are developed through projects and critiques, which set out more complex and expansive frames of reference, both in terms of research and visual vocabulary.

### **VCGD 360 | ARABIC TYPOGRAPHY (I-4-3)**

**Prerequisite:** VCAD 301 or VCGD 351 | Upon Demand

This course offers an overview of Arabic typography. Students learn about the historical development, the letterform and the alphabet. The course examines traditional, contemporary and experimental techniques and theories. Projects encompass designing for different media reflecting contemporary Arab culture.

### **VCGD 361 | BOOK DESIGN (I-4-3)**

**S**

This course introduces the process of designing books. Lectures and assignments cover different aspects of image and type sequencing for book layouts, and various production and binding techniques. Additionally, students learn to apply a unique and appropriate voice to their designs by adding a tone and rhythm that works with the content and form.

### **VCGD 362 | PACKAGE DESIGN (I-4-3)**

**F**

This course consists not only in the design of the individual package, but also in the design of carton and shipping carton. Students become involved in areas of market research, sales promotion and in identifying consumer trends as they relate to packaging. Also included in the course will be visits to firms dealing exclusively in packaging and production.

### **VCGD 363 | POSTER DESIGN (I-4-3)**

**S**

This course introduces students to the field of poster design, its history, functions and categories. Through a series of practical projects and exercises, students learn to use meaning and interpretation to create relationships using text and image targeted toward a specific audience.

### **VCGD 364 | TYPEFACE DESIGN (I-4-3)**

**Prerequisite:** VCGD 351 | Upon Demand

This is an advanced typography course focusing on the various aesthetic and technical aspects of creating a typeface. Students concentrate on refining their judgment, knowledge and technical skill to design a typeface for a specific purpose and/or platform.

### **VCGD 365 | INFORMATION GRAPHICS (I-4-3)**

**Prerequisite:** VCGD 351 | Upon Demand

This course teaches students to create and apply information graphics to two-dimensional and three-dimensional spaces. The purpose is to push the students' design skills, and to help them apply these skills by solving various user-oriented design problems found in applications such as maps, instruction manuals and signage.

### **VCGD 451 | TYPOGRAPHY III (I-4-3)**

**Prerequisite:** VCGD 351 | F

This advanced course is focused on multi-page layouts through an understanding of typographic structure, organization and sequence. In addition, students are encouraged to further explore the depths of typographic form and meaning, going beyond the established classical typographic rules, learning to refine their typographic skills to further enrich their visual vocabulary.

### **VCGD 456 | GRAPHIC DESIGN III (I-4-3)**

**Prerequisite:** VCGD 351 | S

This course continues the approach to creative development established in Graphic Design II and focuses on one of the most essential aspects of graphic design: branding and corporate identity. Students are expected to develop a branding strategy for an institution and develop the brand's image through logo/symbols, color palettes, typography and imagery.

### **VCPH 201 | PHOTOGRAPHY I (1-4-3)**

**F**

Photography is introduced as a tool for contemporary fine and applied visual arts. Emphasis is placed on a thorough grounding of the technologies and operations of modern digital SLR cameras and image output options, as well as an introduction to the aesthetics of photographic images. A final portfolio is required.

### **VCPH 250 | HISTORY OF PHOTOGRAPHY (3-0-3)**

**Prerequisite: ARTS 201 | S**

A survey of the history of photography, beginning with precursor technological and socio-cultural developments, to the first successful applications in the early 19th century, and continuing to the present. Equal emphasis is placed on technological developments, socio-cultural influences and commercial applications, and the significant practitioners and their images.

### **VCPH 261 | PHOTOGRAPHY II (1-4-3)**

**Prerequisite: VCPH 201 | S**

This course explores photography as an expressive medium. In this intermediate course, students will explore more advanced techniques and image manipulation. Students will also focus on the conceptual growth of their imagery in order to build a body of work. A final portfolio will be required for this course.

### **VCPH 311 | ALTERNATIVE PHOTOGRAPHIC PROCESSES (1-4-3)**

**Prerequisite: VCPH 201 | S (odd years)**

An intermediate course focusing on one or more historical or contemporary non-silver or other alternative photographic processes each time it is offered and at the instructor's choice. A final portfolio is required. The course may be repeated for credit one time with the permission of the Department Chair.

### **VCPH 411 | CREATIVE PHOTOGRAPHY (1-4-3)**

**Prerequisite: VCPH 261, Junior Status | Upon demand**

An advanced course for students to explore personal experiments in creative photography. Students are required to develop an artist's statement and project brief outlining their goals for the semester. A final portfolio is required. The course may be repeated for credit one time with the permission of the Department Chair.

### **VCPH 451 | PHOTOGRAPHY SEMINAR (1-4-3)**

**Prerequisite: Senior Status, approval of the Chair | S**

A course for photography majors presenting issues and approaches relevant to current photographic practice, including significant readings and discussion. The topics covered change each semester dependent on photographic trends and instructor choices. Each student will also research and produce a body of work on a previously unexplored contemporary process or technique.

### **VCST 201 | PRINTMAKING I (1-4-3)**

**Prerequisite: VCCC 204 | F**

This introductory course explores various forms of traditional and contemporary printmaking, with emphasis on practical and historical knowledge of the tools and materials used in the production of the serial or multiple in art.

### **VCST 211 | SCULPTURE I (1-4-3)**

**Prerequisite: VCCC 102, VCCC 204 | F**

This course introduces students to the sculptural processes of modeling, casting, carving, and construction. Students work in both figurative and abstract formats as they explore the potential of sculpture as an expressive medium.

### **VCST 221 | PAINTING I (1-4-3)**

**Prerequisite: VCCC 204 | S**

This course introduces contemporary and traditional painting techniques and studio practices. Assignments focus on painting from sight: including still life, landscape, and the figure. Beginning with a limited palette, students expand their color sensibility throughout the term.

### **VCST 231 | CERAMICS (1-4-3)**

**SI**

This class introduces the elements and principles of hand-built ceramics. Students will learn about the basic making methods and materials, and will study the techniques of hand building, slab building, pinching and coiling, paper-clay and slip casting with plaster molds. The course will include an introduction to firing methods and finishing/glaze



procedures. Students will develop skills and vocabulary through project based work, historical and contextual presentations and critiques, and learn refinement and craftsmanship whilst developing transferable problem solving skills in arguably the oldest, yet still highly contemporary, artistic material.

### **VCST 251 | ILLUSTRATION BASICS (1-4-3)**

**Prerequisite:** VCCC 204 | F (even years)

This course explores concepts and methods employed in contemporary and traditional illustration. Emphasis is placed upon development of ideas and the exploration of varied media. The course encourages a creative and open approach to visual thinking and problem solving.

### **VCST 301 | PRINTMAKING II (1-4-3)**

**Prerequisite:** VCST 201 | S

This course explores traditional and contemporary intaglio and relief printmaking practices with an emphasis on technical problem solving and self-expression within the printmaking medium. Students complete the course with a series of prints based on a common theme.

### **VCST 302 | GALLERY MANAGEMENT (3-0-3)**

**Prerequisite:** Completion of Visual Communication Foundation | S

This course provides students with the introductory knowledge and training necessary to manage and operate exhibitions in public and private galleries, public spaces, and alternative sites. Topics covered include gallery design, art sales, art and gallery marketing, precious object care and handling.

### **VCST 310 | FIGURE DRAWING (1-4-3)**

**Prerequisite:** VCCC 204 | F (odd years)

Working from live models, students explore the human form as a means of visual expression. Proportion, anatomy, and scale in structuring the human figure are significant elements of the course as well as expressive and experimental drawing processes.

### **VCST 311 | SCULPTURE II (1-4-3)**

**Prerequisite:** VCST 211 | S

This intermediate course develops the student's understanding of the traditional and contemporary methods and materials. Through lectures, discussions and personal research, the student makes connections to contemporary trends in sculptural practice through the development of a body of studio work.

### **VCST 320 | PERFORMANCE AND INSTALLATION STUDIO (1-4-3)**

**S**

This course introduces students to a broad range of performance forms and installation art, investigating the content and concepts of the physical self and its relationship to space, audience, technology, and society. Students are encouraged to engage in collaborative and group work, and to experiment in developing individual aesthetic sensibilities.

### **VCST 321 | PAINTING II (1-4-3)**

**Prerequisite:** VCST 221 | F

Building upon their formal understanding of painting, students further their technical skills through the study of more complex subject matter including the figure. Approaches of 20th century painters will be examined.

### **VCST 351 | ILLUSTRATION WORKSHOP (1-4-3)**

**Prerequisite:** VCCC 204 | F (even years)

Community projects and visual journalism will be combined with personally-directed assignments to improve visualization and technical skills. Students will be pushed to expand the limits of their previous work and broaden their understanding of illustration.

### **VCST 401 | STUDIO ART SEMINAR (3-0-3)**

**Prerequisite:** approval of the Chair, **Corequisite:** VCST 402 | F

Through directed readings, exhibitions, studio visits, and invited speakers, students learn about traditional and contemporary issues in art theory and practice, with the objective of informing their own art making. Students respond through discussions, written work, and presentations.

### **VCST 402 | ADVANCED STUDIO I (1-4-3)**

**Prerequisite:** approval of the Chair, **Corequisite:** VCST 401 | F

This course focuses on the development of the student's studio practice with ongoing critiques and active discussion often relating to material from VCST 401. A personal direction regarding choices of media, technique, and content is essential.

### **VCST 451 | STUDIO ART THESIS (1-4-3)**

**Prerequisite:** Grade of C or higher in VCST 401, **Corequisite:** VCCC 480 | S

Students create a thesis which consists of both a practical and written component. Students complete a body of work and will write extensively on this and previous artwork. Students place their work in a contemporary and historical context while furthering senior level artwork begun in the Advanced Studio I and Senior Project courses.

### **WLDC 201 | CULTURAL ENCOUNTERS AND HISTORICAL TRANSFORMATION (3-0-3)**

**Prerequisite:** ENGL 102 | F, S, SI

The course examines how cross-cultural exchanges and encounters up through the first half of the nineteenth century resulted in social, political, economic and cultural transformation across various regions of the world. Students will explore how the flow of people, capital, commodities, technologies and ideologies shaped different societies and in turn led to innovations in various fields, including science, agriculture, governance, culture & arts, transportation and warfare.

### **WLDC 202 | CULTURE AND INNOVATION IN A GLOBALIZED WORLD (3-0-3)**

**Prerequisite:** ENGL 102 | F, S, SI

The course examines globalization in the modern world and analyzes how its technological, economic, social and political dimensions have transformed societies by forever altering the way culture is produced, spread and understood. Students will analyze the role of culture in shaping change, including its impact on innovation, entrepreneurship and development agendas. Using a problem-based learning approach, students explore the power of arts and culture to generate innovative solutions to current global issues.

### **WLDC 250 | MUSIC TRADITIONS OF THE WORLD (3-0-3)**

**Prerequisite:** ENGL 102 | Upon demand

This course provides students with an understanding of the fundamental tenets of music. Students then apply this understanding to various traditional musical styles from throughout the world. The majority of these musical styles are from non-Western cultures.

### **WLDC 301 | RELIGIONS OF THE WORLD (3-0-3)**

**Prerequisites:** WLDC 201 | Upon demand

This course surveys all of the most widely recognized (practiced) global religions (Buddhism, Christianity, Hinduism, Islam, and Judaism) as well as other, more regionally located religions (i.e., Jainism, Shinto, Zoroastrianism). Readings from various sacred texts are explored. The course also examines what is/is not traditionally regarded as a "religion." Also explored is the interconnection between religion and the culture(s) with which they are most closely associated.



## FACULTY LISTING

Internationally qualified educators and practitioners in the business and professional communities comprise AUD's faculty. Faculty members, in addition to having appropriate academic credentials and contributing to knowledge in their disciplines, often are or have been actively involved professionals. Students and faculty share a close and special bond which comes from dedication and commitment to a discipline and its associated professions.

## A

### **Abou Daher, Serena – Assistant Professor of Digital Media**

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## FINANCIAL INFORMATION 2023-2024

- Tuition and Fees
- Medical Insurance
- Explanation of Fees and Expenses
- Payment Policies
- Refunds

## FINANCIAL INFORMATION

### Tuition and Fees

University institutional policy requires all students to pay tuition and fees in advance. A student whose account is delinquent will not be allowed to register for the subsequent semester until the balance owed is paid in full.

The university evaluates institutional tuition and fee rates in the second semester of each academic year, and rates may be subject to change at the beginning of the following academic year. In the recent past, when implemented, tuition increases have been in the range of the 2-5% per annum. Any future increases in tuition, if any, are expected to be within this range.

**(The standard academic year is comprised of the Fall [September-December] and Spring [January-April] semesters. There are two Summer sessions [May-June and July-August].)**

All fees are inclusive of 5% VAT where applicable.

### Undergraduate Programs

#### Fall and Spring Semesters

Tuition (less than 12 credit hours)	AED 4,200 per credit
Tuition (12 to 16 credit hours)	AED 48,510 per semester
Tuition overload (over 16 credit hours)	AED 3,255 per credit
Services Fee	AED 525 per semester

#### Summer Sessions

Tuition	AED 4,200 per credit
Services Fee	AED 315 per session

### Graduate Programs

All Master's Degree Programs except Master of Education	AED 4,410 per credit
Master of Education Master	AED 4,200 per credit
Additional Modules if required	AED 2,625 per module
Executive M.B.A.	AED 225,000 per program

### Intensive English Language Program (IELP) and English Bridge Program

#### Fall and Spring Semesters

Tuition for ENGB097 or ENGB098	AED 29,400 per semester
Tuition for ENGB099	AED 22,050 per semester
Additional credits with ENGB099 only	AED 4,200 per credit
Services Fee	AED 525 per semester

#### Summer Sessions

Tuition	AED 21,000 per session
Services Fee	AED 315 per session

### Study Abroad Program

*(Includes tuition and fees for 5 classes [15 hours], shared housing and some classroom-related activities)*

Tuition and Fees US\$ 16,037

*of which US\$274 is refundable housing deposit (unless damage has occurred).*

### Family Tuition Waiver\*

For families who have more than one son/daughter **enrolled simultaneously** at AUD as full-time undergraduates, a tuition remission of 25% is given to each offspring (sibling) after the first in Fall and Spring semesters only. Students who qualify for this waiver must, upon registration, complete a form available at the Finance Office. Scholarship students are not eligible for a *Family Tuition Waiver*.

\* Applicable during Fall and Spring semesters only

## Health Insurance for AUD-sponsored students

Private health insurance covering care in the U.A.E. is mandatory for all AUD-sponsored students. In order to meet this requirement by enrolling in the AUD-sponsored health insurance plan, students are charged a non-refundable fee as per the below schedule:

### Health Insurance Fees\* (Inclusive of VAT 5%)

Student joining beginning of:

Fall Semester (covering September 2023 – August 2024): AED 3,200

Spring Semester (covering January 2024 – August 2024): AED 2,300

Summer I Term (covering May 2024 – August 2024): AED 1,200

Health insurance fees are payable at the time of visa application and renewed annually on the beginning of the Fall semester for each consecutive year.

AUD non-sponsored students are required to have and maintain private health insurance covering all UAE care on a continual basis while enrolled and are responsible for all charges related to their medical care.

**Visiting students** requiring AUD residence visa must enroll in the AUD-sponsored health insurance plan as part of the visa process.

Visiting Students are charged a non-refundable fee as per the below schedule:

Fall or Spring Semester: AED 1,600 - US\$439 per semester

Summer Session: AED 1,200 - US\$329 per session

\* Fees are subject to change

## Explanation of Fees and Expenses

### Application Processing Fee

A non-refundable application processing fee of AED 420 must accompany the Application for Admission.

### Reservation Deposit

A reservation deposit (non-refundable) of AED5,000 (for undergraduate applicants), AED2,000 (for graduate applicants), and AED 11,000 for EMBA program which is fully applied toward tuition, is required upon acceptance for admission (provisional or other).

### Entrance Exam Fee

Math and English Exam Fee

AED 315 (non-refundable)

Computer Proficiency Exam Fee

AED 150 (non-refundable)

### Late Registration Fee

A late registration fee of AED 1,050 will be charged for those registering after the final advising and registration date set for the semester (see *AUD Academic Calendar*).

### Services Fee

Services Fee are designated for labs and activities, for undergraduate and IELP students.

### Books/Other Supplies

Students are responsible for buying their own books. Book expense is not included in the tuition.

Students in the B.Arch. Program are required to buy a laptop for the approximate cost of AED 4,000 in addition to books, general supplies and specialized materials which cost approximately AED 2,500 per year.

### Graduation Processing Fee

A non-refundable diploma fee of AED 600 will be billed to students earning degrees.

## Middle Eastern Studies Certificate Fee

A non-refundable fee of AED 300 will be billed to students to cover processing and production of the Middle Eastern Studies Certificate.

## Part-Time Undergraduate Students

An undergraduate student taking less than 12 credit hours per semester is considered part-time. The fee per 1 credit hour is AED 4,200.

## Housing (Optional)

Accommodation is provided by semester for those who wish student housing. The nonrefundable housing fees per semester are:

- AED 8,500 (shared)
- AED 14,000\* (single)

A one-time, refundable security deposit of AED 1,000 is required. This one-time security deposit is payable with the student's first housing payment. Housing charges are subject to change. In the summer sessions, housing fees are AED5,700 for a shared room and AED 8,500 for a single room\*.

*\* Single rooms are available upon request and will not be guaranteed. In the event that there are cancellations and there is availability of rooms, requests for single rooms will be considered.*

A housing reservation fee of AED 2,500 is required to reserve a place in the residence halls. This is payable according to the following schedule:

<b>Semester</b>	<b>Deadline</b>
Spring 2024	November 10, 2023
Summer I 2024	April 5, 2024
Summer II 2024	June 7, 2024
Fall 2023	April 19, 2024

The balance of the student housing fee must be paid in full before the beginning of the semester or summer session. Failure to pay the housing fee in full may result in the cancellation of the housing reservation. ***In such cases, the housing reservation fee will not be refunded.***

## Student Residence Visa (Optional)\*

**Students who are accepted and enrolled on a full-time basis can be sponsored by AUD for a student resident visa for one year (renewable).** The current fee is AED 2,000, in addition to a refundable AED 3,000 passport security deposit. This deposit is refunded once the sponsorship has been cancelled within the time frame set by the university.

*Students sponsored by AUD for a student resident visa, who fail to comply with the AUD visa regulations, or who exit the country without going through the proper channels and cancellation procedures will not be entitled to re-apply for an AUD-sponsored residence visa. Accordingly, the students will forfeit their Passport Security Deposit.*

*\*Additional fees may apply, check with the Visa Officer (Emirates ID, blood test, cancellation, change of status, etc.)*

## AUD Global Seminars (Optional)

AUD Global Seminars are scheduled annually. The fee, is determined annually. Students are responsible for incidentals. Students may earn three hours of academic credit upon satisfactory completion of requirements set by the seminar instructor.

## Payment Methods

Tuition and fees are due upon registration, unless a student is registering online, in which case the deadline for payment established by the Finance Office must be respected.

Students can pay for tuition and other fees by **cash**, **check** drawn on a UAE banks, **bank transfer** or through **credit card**.

## Cash

Students can pay cash in UAE dirham at the CASH machine located in front of the Office of Finance, Administration building or at any branch of Al Ansari Exchange in the UAE.

### Bank Transfer

Payable to the “American University in Dubai”, Account number: 1000351229, IBAN number AE47023000001000351229 at the Commercial Bank of Dubai, Dubai Head Office, and swift code: CBDUAEADDXB. Please Include student name and I.D. number on the payment details.

### Checks

Payments can be made through checks drawn on any bank operating in the UAE and payable to “American University in Dubai.” Students who submit non-negotiable checks will be charged AED 300 non-refundable administrative fee and will henceforth be required to make future payments in the form of cash or bank transfer.

### Credit Card

#### Existing students

Payment is made online by logging in to the Student Portal with AUD user ID and password. Online card payment is accepted with **no service charge or additional cost.**

#### New students and guardians

Payment can be made online by using a secure payment link sent by the Office of Finance. Kindly communicate with [finance@aud.edu](mailto:finance@aud.edu).

### Outstanding Balances

A student cannot register until all outstanding balances are cleared. Payments will be credited toward outstanding balances before being applied to current registration charges. Transcripts, grades, diploma, graduation/completion letters and certifications will not be issued for students who have not met their financial obligations.

### Refunds

All refund requests will be processed within 30 days and are done in the form of checks or wire transfers. Refunds are governed by the following regulations:

*For new students in the first semester of attendance 100% refund with the exception of the reservation and enrollment deposit of AED 5,000 (for undergraduate) and AED 2,000 (for graduate) which is nonrefundable.*

#### (1) Tuition (except IELP and English Bridge Program)

In the event that a student withdraws or is dismissed from all classes during the term, refunds of tuition and fees will be calculated according to the following schedule:

<b>Schedule</b>	<b>Refund</b>
During Drop/Add*	100%
Until the end of the second week**	50%
Until the end of the third week	25%
After the third week	0%

In the event that a student withdraws from partial classes during the term, refunds will be calculated according to the following schedule:

<b>Schedule</b>	<b>Refund</b>
Until end of Drop/Add***	100%
After Drop/Add	0%

#### (2) Tuition (IELP and English Bridge Program)

<b>Schedule</b>	<b>Refund</b>
Until the end of Drop/Add	100%
After Drop/Add	0%



### (3) Housing Fees and Charges

The one-time, housing security deposit is refundable at the end of the semester if no housing damage has occurred.

The housing reservation fee is non-refundable and nontransferable unless the student's application for admission is rejected or the student cancels their admission (including conditional) one month prior to the start of the semester for which he or she has paid.

\* Check the AUD Academic Calendar for dates of Drop/Add.

\*\* Monday-Friday

\*\*\* The refund amount will be a credit to the student's account and carried forward to the following semester. Non-returning students will receive a refund within 30 days of submitting a request form.

### Withdrawal Penalty (Scholarship Students)\*

- If an **undergraduate student** on scholarship exceeds the two-course limit for withdrawals, he or she will be charged the full tuition for the course(s) from which he or she withdraws. The part-time tuition rate per credit for the academic year will be charged at the time of withdrawal.
- If a **graduate student** on scholarship exceeds the two-course limit for withdrawals, he or she will be charged the full tuition for the course(s) from which he or she withdraws.

\* Scholarships appearing in the AUD Undergraduate Catalog.

# ACADEMIC CALENDAR 2023-2024

## FALL SEMESTER 2023

<b>August 30</b>	Arrival of residence hall students
<b>August 31</b>	Student/Parent Orientation
<b>September 1</b>	LD: Appeal for reversal of summer II suspension or dismissal
<b>September 1+</b>	LD: Request for return from suspension
<b>September 4</b>	Classes begin
<b>September 4-8</b>	Drop/Add
<b>September 27*</b>	Prophet's Birthday
<b>November 10</b>	Last day for withdrawal from classes
<b>December 1</b>	UAE Commemoration Day (tentative)
<b>December 2-3</b>	UAE National Day
<b>December 15</b>	Last day of classes
<b>December 18</b>	Final exams begin
<b>December 21</b>	Semester ends

## SPRING SEMESTER 2024

<b>January 9+</b>	LD: appeal for reversal of fall suspension or dismissal
<b>January 9+</b>	LD: request for return from suspension
<b>January 10</b>	Arrival of residence hall students
<b>January 11</b>	Student/Parent Orientation
<b>January 15</b>	Classes begin
<b>January 15-19</b>	Drop/Add
<b>March 11-15</b>	Spring break
<b>March 22</b>	Last day for withdrawal from classes
<b>April 9-10*</b>	Eid Al Fitr
<b>April 26</b>	Last day of classes
<b>Apr 29</b>	Final exams begin
<b>May 3</b>	Semester ends

## SUMMER I SESSION 2024

<b>May 9</b>	Arrival of residence hall students
<b>May 9+</b>	LD: appeal for reversal of spring suspension or dismissal
<b>May 9+</b>	LD: request for return from suspension
<b>May 14</b>	Classes begin
<b>May 14-16</b>	Drop/add
<b>May 20 (tentative)</b>	Commencement
<b>June 14</b>	Last day for withdrawal from classes
<b>June 16-18*</b>	Eid Al Adha
<b>June 26</b>	Last day of classes
<b>June 27</b>	Final exams begin
<b>June 28</b>	Session ends

## SUMMER II SESSION 2024

<b>July 8</b>	Arrival of residence hall students
<b>July 8+</b>	LD: appeal for reversal of summer I suspension or dismissal
<b>July 8+</b>	LD: Request for return from suspension
<b>July 9</b>	Classes begin
<b>July 9-11</b>	Drop/add
<b>July 8*</b>	Islamic New Year
<b>August 9</b>	Last day for withdrawal from classes
<b>August 21</b>	Last day of classes
<b>August 22</b>	Final exams begin
<b>August 23</b>	Session ends

LD: Last Day

+ For Undergraduates only

\*All Islamic Lunar Holidays for the private sector will be fixed per announcement by the relevant Ministry

Placement exam dates and registration procedures are available each term from the Office of Student Recruitment and Admissions.

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