



جامعة دبي
UNIVERSITY of DUBAI

Undergraduate Catalog 2022-2023



Local Roots. Global Reach.

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President's Message

On behalf of the University of Dubai, I would like to welcome you to the new 2022-2023 edition of the undergraduate catalog.

As you all know, the University of Dubai (UD) was established in 1997 by Dubai Chamber of Commerce & Industry (DCCI). The main idea behind this was to establish an academic institution that will serve the business community in delivering highest quality educational programs for human capital development and undertake research and consultancy for businesses in Dubai/UAE.

This commitment led UD to take strategic initiatives to enhance the pedagogical capabilities at the university by recruiting highly qualified faculty and benchmarking its curricula with accredited international universities. This has enabled to produce high caliber graduates to the industry which is one of the UD's Missions.

Besides, UD is a student-centric institution and thus is sensitive to students' concerns for their all-round career development. We are also proud to inform all the stakeholders that, UD has three colleges, Dubai Business School (DBS) offering Bachelor, Masters and PhD programs. All Business Programs offered by the Dubai Business School are internationally accredited by AACSB (Association to Advance Collegiate Schools of Business) which is the gold standard for quality management education globally.

The second college is College of Engineering and Information Technology (CEIT), offering Bachelor of Science in Electrical Engineering (i. with specialization in Communication Engineering), (ii, with specialization in Power and Energy Engineering). The Bachelor of Computing and Information Systems (Concentration in Information Systems Security (BCIS-ISS) is internationally accredited by ABET (Accreditation Board for Engineering & Technology) – CAC (Computing Accreditation Commission) and a Master of Science in Data Science.

In additional, UD third college, the College of Law, offers two unique concentrations for the Master of Laws programs: one in Arbitration and Dispute Resolution and one in Financial Crimes and Money Laundering.

One of the additional strengths of UD is to provide continuing education opportunities for lifelong learning. These are delivered by our Center for Executive Development through professional development certificate programs.

Finally, I'm glad to be a part of this leading and reputed university in Dubai and hope to maintain the highest standards of the education in the country with your cooperation.

I wish you a successful year 2022-2023!

Dr. Eesa M. Bastaki
President, University of Dubai



1. UD Accredited Programs

List of Accredited Programs	Accreditation Validity
Bachelor of Business Administration in Accounting	RA: Jan 2015-Dec 2019 RA approved on Nov.29,2020
Bachelor of Business Administration in Customs	IA: December 2016 RA approved on Nov.29,2020
Bachelor of Business Administration in Entrepreneurship Management	RA: Jan 2015-Dec 2019 RA approved on Nov.29,2020
Bachelor of Business Administration in Finance & Banking	RA: Jan 2015-Dec 2019 RA approved on Nov.29,2020
Bachelor of Business Administration in Human Resource Management	RA: Jan 2015-Dec 2019 RA approved on Nov.29,2020
Bachelor of Business Administration in Management	RA: Jan 2015-Dec 2019 RA approved on Nov.29,2020
Bachelor of Business Administration in Marketing	RA: Jan 2015-Dec 2019 RA approved on Nov.29,2020
Bachelor of Business Administration in Supply Chain and Logistics Management	RA: Jan 2015-Dec 2019 RA approved on Nov.29,2020
Bachelor of Science in Computing and Information Systems concentration in Information Systems Security	RA: Sep 2017-Sep 2021
Bachelor of Science in Electrical Engineering with specialization in Communication Engineering	IA: Nov 2016 RA: To be applied for full accreditation soon first cohort graduation
Bachelor of Science in Electrical Engineering with concentration in Power and Energy Engineering	IA: Oct 2019
Master of Business Administration – General	May 2016-May 2021 RA: Postponed till the visit of AACSB on 2023-2024
Master of Business Administration with concentrations in: Operations and Logistics Management, Finance and Accounting, Leadership and Human Resources Management and International Business and Marketing	IA: Jan 2010 RA: Postponed till the visit of AACSB on 2023-2024
Master of Laws with concentrations in: Arbitration and Dispute Resolution Financial Crimes and Money Laundering	IA: Nov 2013 RA: June 30, 2025
Master of Science in Data Science	IA: July 2020 RA: June 15, 2023
Doctor of Philosophy in Business Administration with concentrations in: Marketing, Management, Finance, and Accounting	IA: Mar 2012 RA: June 30, 2024

2. Undergraduate Academic Calendar 2022-2023

51	5	Monday, August 15, 2022	Saturday, August 20, 2022	Classes end Staff and Faculty report to work August Monday 15 August 16 - advising and registration Fall 22-23 Re-admission deadline for Fall 22-23
52	6	Monday, August 22, 2022	Saturday, August 27, 2022	Final Exams Summer II Advising and registration Fall 22-23
Week	Count	From	To	Event
Fall Semester 2022 (15 Weeks)				
1	1	Monday, August 29, 2022	Saturday, September 3, 2022	First day of classes , drop/add week deadline September 3 Late registration fees apply from August 29
2	2	Monday, September 5, 2022	Saturday, September 10, 2022	
3	3	Monday, September 12, 2022	Saturday, September 17, 2022	
4	4	Monday, September 19, 2022	Saturday, September 24, 2022	
5	5	Monday, September 26, 2022	Saturday, October 1, 2022	
6	6	Monday, October 3, 2022	Saturday, October 8, 2022	*Prophet Muhammad's Birthday (PBUH) 8 October (Makeup classes required)
7	7	Monday, October 10, 2022	Saturday, October 15, 2022	Midterm Exams in class time during the first session - 2nd session runs as scheduled
8	8	Monday, October 17, 2022	Saturday, October 22, 2022	Midterm Exams in class time during the first session - 2nd session runs as scheduled
9	9	Monday, October 24, 2022	Saturday, October 29, 2022	October 29, 5:00 p.m. deadline to withdraw from a course without academic penalty (no refund)
10	10	Monday, October 31, 2022	Saturday, November 5, 2022	
11	11	Monday, November 7, 2022	Saturday, November 12, 2022	
12	12	Monday, November 14, 2022	Saturday, November 19, 2022	Spring online early registration period - Based on student level
13	13	Monday, November 21, 2022	Saturday, November 26, 2022	Spring online early registration period - Based on student level
14	14	Monday, November 28, 2022	Saturday, December 3, 2022	Commemoration day 1st December (Makeup classes required)
15	15	Monday, December 5, 2022	Saturday, December 10, 2022	National day holiday 2 & 3 December
16		Monday, December 12, 2022	Saturday, December 17, 2022	Classes end
17		Monday, December 19, 2022	Saturday, December 24, 2022	Final Exams
18		Monday, December 26, 2022	Saturday, December 31, 2022	Final Exams
19		Monday, January 2, 2023	Saturday, January 7, 2023	Winter Break New Year's Day Winter Break
Spring Semester 2023 (15 weeks) Makeup classes required				
20	0	Monday, January 9, 2023	Saturday, January 14, 2023	Spring Advising and registration week starts on Monday Jan 9th (Student Level) Finals Makeup Exam week Fall 22-23 Re-admission deadline 13 Jan
21	1	Monday, January 16, 2023	Saturday, January 21, 2023	First day of classes , drop/add week deadline January 21 Late registration fees apply from January 16
22	2	Monday, January 23, 2023	Saturday, January 28, 2023	
23	3	Monday, January 30, 2023	Saturday, February 4, 2023	
24	4	Monday, February 6, 2023	Saturday, February 11, 2023	
25	5	Monday, February 13, 2023	Saturday, February 18, 2023	
26	6	Monday, February 20, 2023	Saturday, February 25, 2023	
27	7	Monday, February 27, 2023	Saturday, March 4, 2023	Midterm Exams in class time during the first session - 2nd session runs as scheduled
28	8	Monday, March 6, 2023	Saturday, March 11, 2023	Midterm Exams in class time during the first session - 2nd session runs as scheduled
29	9	Monday, March 13, 2023	Saturday, March 18, 2023	March 18, 5:00 p.m. deadline to withdraw from a course without academic penalty (no refund)
30	10	Monday, March 20, 2023	Saturday, March 25, 2023	Ramadan Expected March 22nd
31		Monday, March 27, 2023	Saturday, April 1, 2023	Spring Break
32		Monday, April 3, 2023	Saturday, April 8, 2023	Spring Break
33	11	Monday, April 10, 2023	Saturday, April 15, 2023	
34	12	Monday, April 17, 2023	Saturday, April 22, 2023	Summer and Fall online registration period - Based on student level Eid al-Fitr Holiday Expected April 20 (Makeup Classes Required)
35	13	Monday, April 24, 2023	Saturday, April 29, 2023	Summer and Fall online registration period - Based on student level
36	14	Monday, May 1, 2023	Saturday, May 6, 2023	
37	15	Monday, May 8, 2023	Saturday, May 13, 2023	Classes end
38		Monday, May 15, 2023	Saturday, May 20, 2023	Final Exams
39		Monday, May 22, 2023	Saturday, May 27, 2023	Final Exams
Summer I 2023 6 weeks				
40	1	Monday, May 29, 2023	Saturday, June 3, 2023	Summer I First day of classes, drop/add week deadline June 3 Late registration fees apply from May 29
41	2	Monday, June 5, 2023	Saturday, June 10, 2023	
42	3	Monday, June 12, 2023	Saturday, June 17, 2023	Midterm Exams in class time during the first session - 2nd session runs as scheduled
43	4	Monday, June 19, 2023	Saturday, June 24, 2023	June 24, 5:00 p.m. deadline to withdraw from a course without academic penalty (no refund)
44	5	Monday, June 26, 2023	Saturday, July 1, 2023	Arafat Day Expected June 28 Eid al-adha Holiday Expected June 29
45	5	Monday, July 3, 2023	Sunday, July 9, 2023	Classes end
46	6	Monday, July 10, 2023	Saturday, July 15, 2023	Final Exams Summer I
Summer II 2023 6 weeks				
47	1	Monday, July 17, 2023	Saturday, July 22, 2023	Summer II 22-23 - First day of classes, drop/add week deadline July 22 Late registration fees apply from July 17 Islamic New Year Expected July 19 (Makeup classes required)
48	2	Monday, July 24, 2023	Saturday, July 29, 2023	
49	3	Monday, July 31, 2023	Saturday, August 5, 2023	Midterm Exams in class time during the first session - 2nd session runs as scheduled
50	4	Monday, August 7, 2023	Saturday, August 12, 2023	August 12, 5:00 p.m. deadline to withdraw from a course without academic penalty (no refund)
51	5	Monday, August 14, 2023	Sunday, August 20, 2023	Classes end Staff and Faculty report to work August 14 August 16 - advising and registration Fall 23-24 Re-admission deadline for Fall 23-24
52	6	Monday, August 21, 2023	Saturday, August 26, 2023	Final Exams Summer II Advising and registration Fall 23-24
Academic Calendar 2023-2024				
1	1	Monday, August 28, 2023	Saturday, September 2, 2023	First day of classes , drop/add week Late registration fees apply

Islamic holidays may not coincide with the dates in this calendar which was published on 22, April 2022
Exact dates will be announced by official notice. In case teaching days are lost due to unscheduled closings, makeup classes should be arranged.

3. About University of Dubai

The University of Dubai (UD) was established in 1997 by Dubai Chamber of Commerce & Industry. The main idea was to establish an academic institution that will serve the business community in delivering highest quality educational programs for human capital development and undertake research and consultancy for businesses in Dubai/UAE.

This commitment led UD to take strategic initiatives to enhance the pedagogical capabilities at the university by recruiting highly qualified faculty and benchmarking its curricula with accredited international universities. This has enabled UD to produce high caliber graduates for industry which is one of UD's Missions.

UD is a student-centric institution and thus is sensitive to students' concerns for their all-round career development. UD has three colleges including the Dubai Business School (DBS), College of Engineering and Information Technology (CEIT) and the College of Law (CoL).

DBS offers Bachelor, Master's and PhD programs. All programs offered by DBS are internationally accredited by AACSB (Association to Advance Collegiate Schools of Business) which is the gold standard for quality management education globally.

CEIT offers a Bachelor of Science in Electrical Engineering (with two concentrations: Communication Engineering, and Power and Energy Engineering), Bachelor of Science in Computer Engineering, Bachelor of Science in Computing and Information Systems (Concentration in Information Systems Security), accredited by ABET, a Master of Science in Data Science and as of 2023 a Master of Science in Electrical Engineering and Master of Science in Cyber Security.

Our CoL offers two unique concentrations for the Master of Laws programs: one in Arbitration and Dispute Resolution and one in Financial Crimes and Money Laundering. Starting in Fall 2023 we are also excited to add a bachelor in law in collaboration with the University of London.

One of the additional strengths of UD is to provide continuing education opportunities for lifelong learning. These are delivered by our Center for Executive Development through both professional development certificate and diploma programs along with customized training programs.

4. UD Vision Mission and Goals

4.1 Vision Statement

To be a world-class institution in education, research and innovation for the betterment and prosperity of the people in the region.

Strategic Vision: UD to be ranked among top 100 universities before 2035 and Dubai Business School to be ranked among the top 100 business schools worldwide by 2025.

4.2 Mission Statement

1. Serve the educational needs of diverse undergraduates, postgraduates and professionals.
2. To provide education based on national and international standards.

3. Provide a stimulating and innovative educational environment to prepare future leaders.
4. To produce high caliber graduates and prepare future leaders.
5. Engage faculty in quality fundamental and applied research.
6. To contribute to the environmental, societal and economic sustainable development of the region.

4.3 Strategic Goals

Goal 1: People

- 1.1 Be a place where people can progress in their careers.
- 1.2 Be a University promoting positivity, creativity and happiness to all students, faculty, staff and all stakeholders.
- 1.3 Be a place committed to tolerance, diversity and equality.
- 1.4 Be a place promoting physical, financial and environmental sustainability.

Goal 2: Education and Learning

- 2.1 Be among the top providers on Universities in the UAE.
- 2.2 Be a student centric institution fostering and maintaining effective and quality education.
- 2.3 Be the destination of choice for students.
- 2.4 Be the place for developing the skill sand competencies required by the job market.
- 2.5 Be the place for lifelong learning.
- 2.6 Be the place for innovative education.
- 2.7 Be the place for ethical education.

Goal 3: Research

- 3.1 Be among the top research universities in the UAE.
- 3.2 Be a place for impactful research that serves the Dubai economy.
- 3.3 Be a place for finding solutions to problems and challenges in the region.
- 3.4 Be the place that attracts top national and international researchers.

Goal 4: Support Services

- 4.1 Be a provider of efficient and effective administrative services.
- 4.2 Be a provider of a friendly and inclusive student experience from admission through graduation.
- 4.3 Be a destination of choice for staff.
- 4.4 Be a place which retains talented staff.
- 4.5 Be the place where sustainability is integrated into the operations of the University.
- 4.6 Be a place promoting employees well-being and engagement.

Goal 5: Community and Industry Engagement

- 5.1 Be a socially responsible academic partner.
- 5.2 Be the destination of choice by public and private organizations for partnerships and collaboration in human capital development and research.
- 5.3 Be the strategic partner for knowledge dissemination and exchange to the local community and industry.
- 5.4 Be a place for addressing community and industrial challenges.

Goal 6: Accreditations, Professional Societies and Rankings

- 6.1 Be a recognized and accredited institution?
- 6.2 Be a university with strong links to international professional bodies.
- 6.3 Be among the top universities in the UAE.

Goal 7: Entrepreneurship and Innovation

- 7.1 Be the entrepreneurial university in Dubai.
- 7.2 Be a place to promote, support and create start-ups.
- 7.3 Be a leading innovation center in Dubai.
- 7.4 Be a place for attracting and developing talents.

Goal 8: International Collaborations

- 8.1 Be a place that attracts collaboration with international universities.
- 8.2 Be a place of choice by international visiting students and faculty.

Goal 9: Information Technology

- 9.1 Be a smart learning university.
- 9.2 Be a university that pursues a range of transformational digital activities in teaching, learning, research and operations.
- 9.3 Be a university that promotes and adopts innovative future technological trends.

Goal 10: Financial Resources

- 10.1 To maintain being a financially sustainable university.
- 10.2 To diversify financial resources.
- 10.3 To attract funding/investment to facilitate the University's growth.

4.4 Code of Conduct

All members of the UD community shall exert utmost efforts to ensure:

- Respect for the individual and commitment to equal opportunity in a diverse society.
- UD organizational interests exceed our individual interests and differences.
- Individual rights and privileges are to be exercised responsibly.
- The conviction that no one is above the law.
- Respect for the view of others.
- Responsibility and accountability for one's actions.

Code of Values

- A. Responsibility & Cooperation:** A peaceful and purposeful community, founded on the moral and ethical integrity of members of UD community. Commitment to mutual responsibility and a spirit of cooperation will create a community that is orderly, caring and just.
- B. Intrinsic Value:** Respect for the other members and the appreciation of different cultural backgrounds, the understanding of different attitudes and opinions, and the awareness of the consequences of actions on the broader community.

- C. Self-discipline:** Personal responsibility and the individual's need for physical, intellectual, social and emotional wholeness. UD values also the full development of every member in terms of a confident and constructive self-image, of a commitment to self-discipline, and of a responsible self-expression.
- D. Integrity:** A campus community that encourages personal growth and academic development in an atmosphere of positive character influence. UD administration affirms the necessity of standards of conduct that allow students and faculty/staff to work together. UD administration values the fair and efficient administration of these standards of conduct.
- E. Accountability:** The accountability of our actions to the future of the UD community.
- F. Community Authority:** Privileges and responsibilities as members of the UD community. The UD community shall value the standards of conduct expressed in the enforcement) and fair administration of those policies, including municipal, emirate or federal policies.

4.5 Code of Ethics

Responsibility

To know the difference between choices and outcomes; evaluating short versus long-term consequences and accepting those consequences without justifying actions or blaming others to escape sanctions and/or accountability.

Fairness

- Respect for the individual and commitment to equal opportunity in a diverse society.
- Support for the freedoms of religion, of the press, of speech, and of the right to assemble.
- Belief that individual rights and privileges are to be exercised responsibly, especially with respect to others.
- Conviction that no one is above the law.

Civility

Civility is an ethical conduct and discourse that honors others' viewpoints and solves problems without creating greater ones. Civility is associated with:

- Respect for the views of others.
- Responsible exercising of individual rights and privileges especially with respect to others
- Belief that common interests exceed our individual differences.
- Esteem for the individual and commitment to equal opportunity in a diverse society.

A civil person aspires to:

- Solve problems regardless of own benefit but for the benefit of the community.
- Use appropriate but penetrating discourse, even when others are inappropriate.
- Do the necessary analysis before judging others' work or person rather than relying on summary judgment.
- Solve problems via values of fairness, responsibility, and discretion (rather than through manipulation, deceit, and personal attack).
- Embrace a shared set of values that analyzes or honors all viewpoints - even ones with which he or she disagrees - in pursuit of a higher and communal cause.

In this background, UD community members shall:

- Show respect for the diversity of viewpoints among colleagues.
- Refrain from unjustified or unseemly criticism of fellow members, other programs, and other organizations.
- Use their office and title only for the purpose of conduct of official business.
- Uphold agreements when participating in joint activities and give due credit to partners for their contributions.
- Recruit individuals, who are qualified to offer the instruction or service promised, train and supervise them responsibly, and ensure by means of regular evaluation that they are performing acceptably.
- Encourage and support participation in professional development activities.
- Provide appropriate orientation, materials, and on-going guidance for participants.
- Take appropriate steps to enhance the safety and security of participants.
- Provide accurate, complete, current and unbiased information.

5. National and International Accreditations



UNITED ARAB EMIRATES
MINISTRY OF EDUCATION

UAE Ministry of Education (MOE)

University of Dubai located in Dubai Academic City is officially relicensed until 2 March 2026 by the Commission for Academic Accreditation (CAA), Ministry of Education (MOE) to award all UD programs.



AACSB International, USA

Dubai Business School is accredited by the Association to Advance Collegiate Schools of business (AACSB) international. (<http://www.aacsb.edu/AACSB-Accredited>). For AACSB Schools Accredited in Business (ordered by name).

CAC-ABET Accreditation, USA

The Bachelor of Science in computing and information Systems (BSCIS) program is accredited by the computing and Accreditation commission (CAC) of the Accreditation board for Engineering and technology (ABET). (www.abet.org).



MSI 20000® Financial Certification



The University of Dubai has obtained the Financial Quality Certificate MSI 20000®. This standard is dedicated to the financial quality and solidity of enterprises and institutions. The MSI 20000 certification is a universal indicator, concerning the financial situation of the university, according to a sectorial and international approach, which takes the form of a complete “financial health check” of the University historical performance in the last 5 years and benchmark it with other universities in the international level in order to help UD builds its estimated budge based on best practices and global benchmarks in the education sector. ([Norme MSI 20000 – Le Standard de la qualité financière](#))

6. Cooperative Relationships with other Educational, Cultural or Community Organizations

UD has cooperative relationships with the following regional, national and international universities, cultural or community organizations for student internship, faculty exchange, collaborative research and executive education:

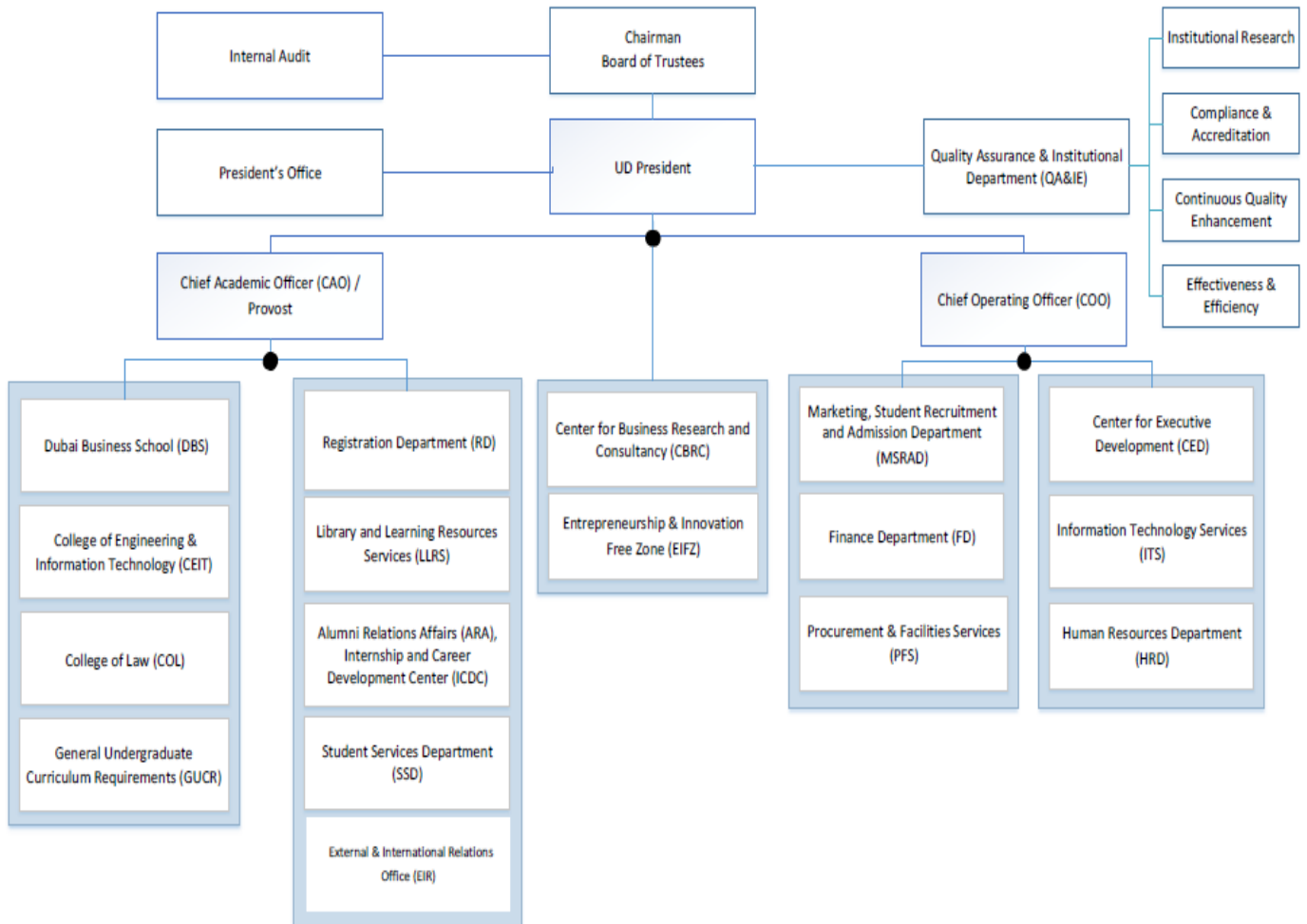
SN	Name of Universities/Schools/Organizations
1	The Maastricht University School of Business and Economics, Netherlands
2	National Sun Yat Sen University, Taiwan
3	Nova School of Business and Economics, Universidade Nova De Lisboa Portugal
4	Renmin University School of Business, China
5	Korea University School of Law, Seoul Korea
6	Universidade Catolica Portuguesa Catolica Lisbon School of Business & Economics
7	University of Sharjah
8	Burgundy School of Business, Dijon France
9	TEC Monterey Mexico
10	ICN Business School, France
11	Bilkent University, Ankara Turkey
12	La Rochelle Business School, France
13	University of Milano-Bicocca Italy
14	Univeristy of Otago-Business School, Duniden New Zealand
15	Technologico De Monterrey, Mexico
16	Universiti Utara Malaysia
17	Ecole Pour L'Informatique Et Les Techniques Avancees (EPITA), France
18	Monash University, Australia
19	University of Sao Paolo, Brazil
20	University of Seoul
21	University of Warsaw, Poland
22	University of Louisville (USA)
23	AlShola Private School
24	Sharjah International PVT School
25	New World Private School
26	Dubai Arabian American School
27	International Academic School
28	Al Ittihad Private School
29	Academia Consortium for Education, Research & Business Development
30	Emirates Scoreplus
31	Dubai Electricity and Water Authority (DEWA)
32	United Arab Emirates Section Affiliate of the Institute of Electrical and Electronics Engineers Incorporated (IEEE)
33	Ministry of Human Resources and Emiratization
34	Dubai Electronic Security Center (DESC)
35	Mohammed Bin Rashid Space Center (MBRSC)
36	Institute of Applied Technology
37	Yes Atlas FZ LLC
38	Diamond Pillars
39	Knowledgeway Consulting and Training Center
40	IELTS
41	Public Affairs Center

42	Edu Chain Incorporation
43	Al Serkal Group LLC
44	Professional Communication Corp.(Nedaa)
45	General Directory of Residency and Foreign Affairs (GDRFA)
46	Arrina Education Services Private Limited, India
47	Office of the First Lady of Dominican Republic
48	Dubai Tourism
49	ICT Fund
50	Mission World Group & Mission Z Inc
51	Future Lab
52	Security Industry Regulatory Agency (SIRA)
53	Dubai Future Foundation
54	Dubai Police
55	Ministry of Interior-Fazaa Card
56	Mohammed Bin Rashid Space Center (MBRSC) Phase 2
57	Center for Future Studies
58	Ministry of Economy

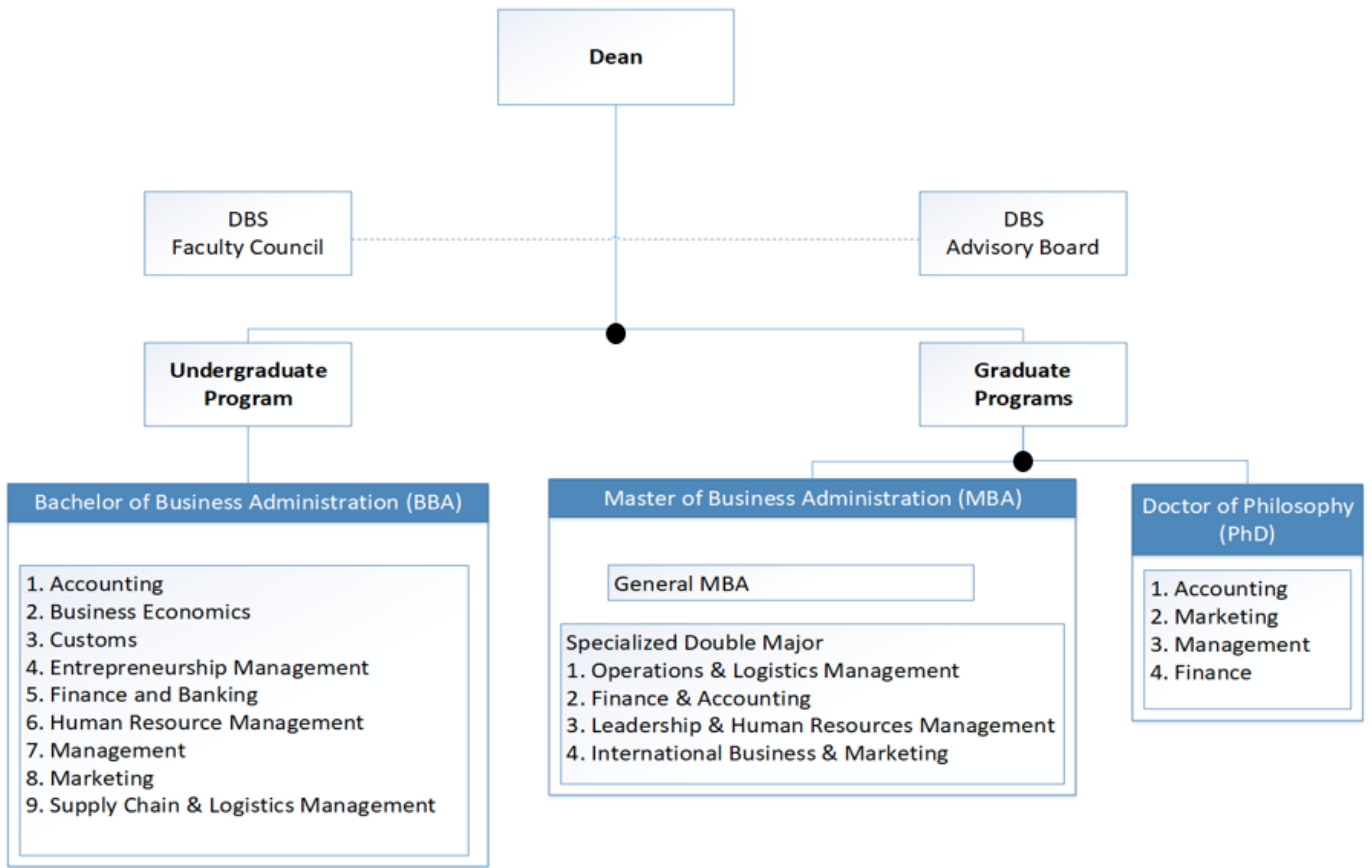
7. Organization Chart/Structure



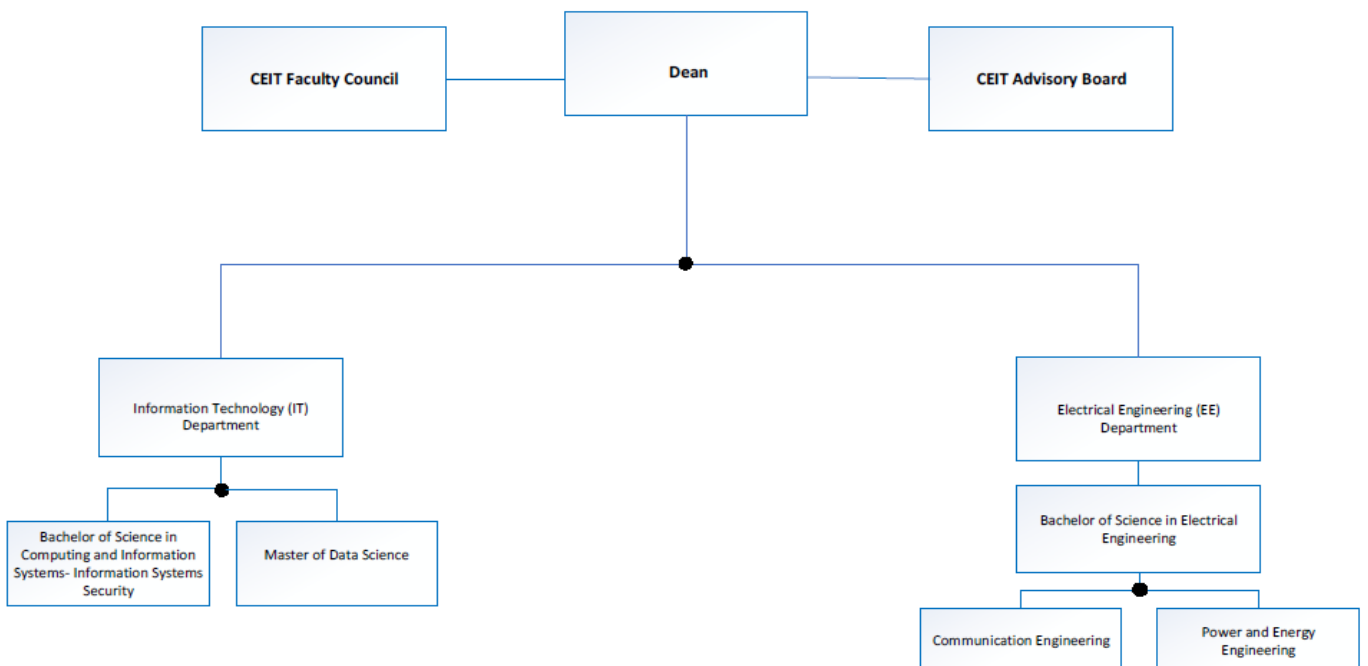
UD Organization Structure



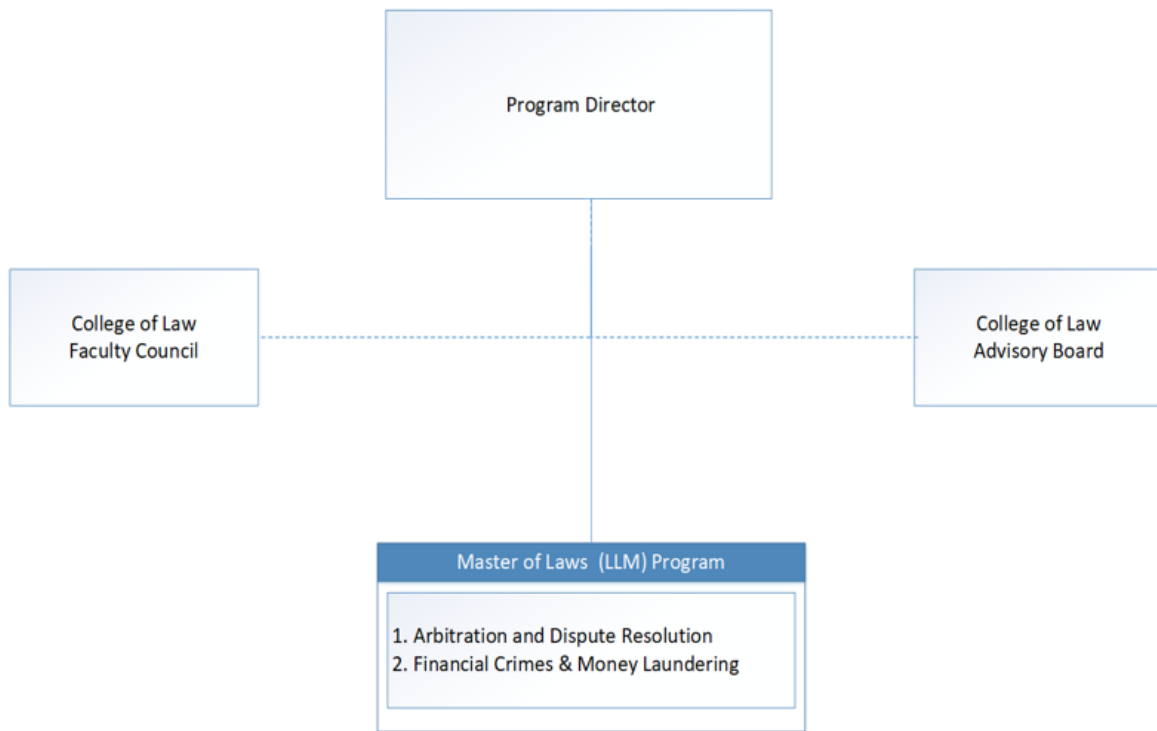
**Organization Structure
Dubai Business School (DBS)**



**Organization Structure
College of Engineering & Information Technology (CEIT)**



Organization Structure College of Law (CoL)



7.1 Institutional Governance

The University of Dubai is supported by the Dubai Chamber of Commerce and Industry. The Ruler’s Court of Dubai appoints the Board of Directors of the Dubai Chamber. The Board of Trustees (BOT) of the University of Dubai is drawn from the Dubai Chamber’s Board of Directors. The UD BOT is responsible for determining the strategic objectives and necessary funding for the University. It considers and monitors proposals from UD for all aspects of strategy, academic portfolios, development, policymaking, regulations and funding to support students and staff.

The President of UD is appointed by the UD’s BOT to perform the role of chief executive, with day-to-day operational management responsibility, and reports to the Board. The organizational structure of the University of Dubai is designed to provide clear lines of responsibility for academic support, and maintain simple, straightforward channels of communication across the organization. Minimized layers of management, teamwork, resource sharing and a strong delegation of authority are characteristics of the organization. The Dubai Chamber has supported UD, encouraged international accreditation, and helped in the accomplishment of various outcomes. This support has been a key factor in the continuing, successful relationship between UD and the Dubai Chamber, which will help UD in positioning itself to fulfill its new vision.

7.2 University of Dubai Board of Trustees Members

Mr. Majid Hamad Al Shamsi, Chairman of University of Dubai Board of Trustees and Board Member of the Dubai Chamber of Commerce and Industry. He is also the Managing Director of Hamad Rahma Abdulla Al Shamsi General Trading.

Dr. Raja Al Gurg, Vice Chairperson of University of Dubai Board of Trustees and Board Member of the Dubai Chamber of Commerce and Industry. She is also the Managing Director of the Easa Saleh Al Gurg Group, the President of Dubai Business Women's Council, and the Deputy Chairperson of the Dubai Medical Authority and a Board member of the Dubai Women's Association.

H.E. Omar Sultan Alolama, Member of University of Dubai Board of Trustees and serves as the Minister of State for Digital Economy, Artificial Intelligence and Remote Work Applications and is the Chairman of Dubai Chamber of Digital Economy.

Mr. Faisal Juma Kalfan Belhoul, Member of University of Dubai Board of Trustees and Board Member of the Dubai Chamber of Commerce and Industry. He also chairs the boards of UAE Private Hospitals Council, the UAE Private Schools Councils and the Pharmaceutical and Healthcare Equipment Business Group in the Dubai Chamber of Commerce and Industry.

Dr. Khaled Mohammed Al-Khazraji, Member of University of Dubai Board of Trustees and Board Member of the Dubai Chamber of Commerce and Industry. He is also Partner and CEO of the Al Kawthar Investment LLC and sits on the boards of various consultancies in the academic, governmental and private sectors such as the Majid Al Futtaim Group.

Mohammad Ahmad Mohammad Al Murr Al Falasi, Member of University of Dubai Board of Trustees and head of the Dubai Cultural Council, recently reorganized as the Dubai Culture & Arts Authority. He is also a writer and has published over 15 volumes of short stories and has had two collections translated into English: Dubai Tales and The Wink of the Mona Lisa.

Dr. Ahmed Khalil Al Mutawa, Member of University of Dubai Board of Trustees and respected academic professional. He received his Ph.D. in Economics (with Distinction), from Georgetown University in Washington, D.C. and as a professor, held the position of Chairman of the Economics Department and Deputy Vice Chancellor for Planning (DVCP) at United Arab Emirates University.

H.E. Dr. Abdul Rahman Abdul Mannan Al-Awar, Member of University of Dubai Board of Trustees and the Director General of the Federal Authority for Government Human Resources (FAHR). Dr. Al-Awar is also a board member of The National Human Resource Development and Employment Authority (TANMIA) and Emirate National Oil Company (ENOC) and has over 15 years of experience in executive roles in the public and private sectors.

H.E. Mohammad Ali Lootah, Member of the University of Dubai Board of Trustees and President and CEO of Dubai Chambers. Previously he was the Chief Executive Officer – Commercial Compliance & Consumer Protection – at Department of Economic Development, Government of Dubai.

Dr. Eesa Bastaki, UD President

Prof. Hussain Al Ahmad, UD Provost/Chief Academic Officer

Dr. Nasser Al Murraqab, UD Chief Operating Officer

Dr. Ibrahim Tabche, Acting Director Quality Assurance and Institutional Effectiveness

8. Institutional Resources & Physical Setting -A Brief Description

8.1 Library and ITS Resources

The library is located on the 2nd floor of the main University building. The total space of library is 507 square meters. The seating capacity is 272 in addition to 7 carrels along with 7 study cubicles for group studies and discussions.

The library remains open from 8:30 AM to 9:30 PM and online databases can be accessed 24/7 remotely.

The basis for determining collection parameters of the Library, four collection levels are established; Basic, Core, Undergraduate, Graduate and Research Level. The UD Library intends to cover the four levels to meet the needs of the academic programs and research. More electronic databases and books of relevant subject areas along with the printed books will be added to enhance the library collection. Decisions on new acquisitions are taken by faculty members, but the librarian circulates trials of new databases and new catalogues for new materials. Students and faculty have access to electronic resources of the library from off-campus locations. Library holding of printed serials (hard-copy) are decreasing since e-journals are replacing these. These journals have perpetual access with lifelong ownership. UD library has perpetual access of 175 Emerald journals since 2010 to date which cover all related concentrations of business, information systems and general education. The total number of books reached to 35,275 books in 2021-2022 which shows an increase in the number of books from last year.

The library holdings from 2017-2022 are shown in the below tables.

A Table showing College Wise Library Holdings – A Summary

Library Holdings	printed + e-books	Serials (Print/Online)	World Bank Publications
A. CEIT-related	10,129	25,514	638 (online)
B. Business-related	9853	19,294	
C. Law related	920		
D. English, Gen. Education, Reference, Miscellaneous	7839		
Total:	28,741	44,808	

Source: Library and Learning Resource Center

Other Resources Library Holdings

Online subscription for Business databases

- | | | |
|-----------------------------------|-----------------------|--------------------------|
| 1-ProQuest Central | 4- EBSCO Computer and | 8- Springer link |
| 2-ProQuest Dissertations & Theses | Applies Sciences | 9- IEEE-Xplore |
| 3-EBSCO Business Premier | 5- Emerald | 10- World Bank e-library |
| | 6- Westlaw Gulf | 11- IGI e-books |
| | 7- Kluwer Arbitration | 12- Scopus Journal Index |

Library Services

- Circulation

The borrowing policy ensures library resources are available to all patrons. Faculty members are allowed to check out items for 60 days, with 10 items at a time. Students and staff are given 25 days' check-out with 5 items at a time.

- **Reference Services**

An active reference service is available to answer queries concerning the patron's need of the library, and its services. The librarian assists patrons and researchers in using the electronic resources and in information retrieval. Reference librarian is available to assist all patron's research works.

- **Digital Library Access Services**

The Library provides access to thousands of e-books and e-journals with indexes, abstracts and full text through EBSCO, ProQuest Central, ProQuest Oasis, ProQuest Dissertations and Theses. UD has unlimited access rights to these databases and are accessible to stakeholders. A number of other databases are also available such as Emerald, IMF e-library, Springer link, World Bank, Kluwer Arbitration and Westlaw Gulf. Library is considering subscription of more databases such as in the coming years.

- **Online Public Access Catalog**

Liberty Library Management is being used at the library. This system provides powerful and user-friendly searching interface for all library holdings (printed and electronic). The Liberty integrates, centralizes cataloguing, circulation, searching and reporting functions. It is a web-based browser which support federated search function and material can be searched by author, title, subject, keywords and series.

- **Current Awareness**

Formal and informal instructional facilities are provided to all patrons. All new students are given instructions on the use of library services and resources during the orientation week. Informal instructions are provided on a regular basis through library brochures at the circulation desk. In class instructions are also given on request basis.

- **Photocopying Services**

A self-service operated machines are available for copying in the library. The library circulation desk can add the balance to students' account when needed. Copyright laws are strictly observed while making photocopies of the material. Two multiple use (printer, photocopier & scanner) machines are also available for students' use.

- **Inter-Library Loan**

The library has arrangements to provide journal articles, reports, and other documents from regional libraries. This service supports the research activities at University of Dubai and keeps the library fill the gap of the library collection.

- **Open Learning Resources Center**

The Center is equipped with 38 latest laptops and provides free access of the library resources to all patrons. All laptops are equipped with Internet, wireless LAN, and web browsers (more than 3) with connection to network printers all over the University of Dubai.

- **Research Assistance**

Library recently has started assisting students in their research works. It has initiated on its webpage an information skills' corner that consists of three types of manual of styles which help students to cite sources, annotations and arranging other bibliographic information. Most

common manual of styles is Chicago Manual of Style, American Psychological Association (APA) and Harvard Manual of Style.

- **Audio Visual**

All cubicles are equipped with 40 inch screens for interactive learning and audiovisual presentation. Bring your own device (BYOD) policy is used in those cubicles and students or faculty are using their own laptops to use. All international peer reviewed publications of the faculty are made publicly available for students.

- **Library Hours**

Students have access to the library from 8:30 AM to 9:30 PM for physical visitors. It remains available online for 24/7 to access databases, library catalogue and electronic books. Library staff are available during the entire work day (and well into the evening) for assistance to information search and retrieval. They can also be contacted by phone or email through the University website.

8.2 Information Technology Services (ITS) based resources

The IT department offer adequate and up-to-date technology in all the classrooms, laboratories, and library for their use by its faculty, staff and students to ensure that the University meets all the needs and requirements of the program offerings, as well as, meet the university's programmatic needs which include, but not limited to, learning, teaching, and research. IT based facilities provided are as listed below:

- An instructional computer in every classroom, and in the laboratory
- Student Computers in laboratories on a ratio of 1:1
- All applications required for the proper teaching of the courses taken in classrooms and laboratories
- Campus-wide Internet connectivity
- Moodle (Course Management System)

<https://moodle.ud.ac.ae/>

- CAMS (Student Information System)

<https://cams.ud.ac.ae/faculty/login.asp>

<https://cams.ud.ac.ae/student/login.asp>

IT Department updates UD equipment and software regularly and resolves as quickly as possible any problems that develop which may hinder the network operation, individual faculty and staff workstations, or computer labs.

1. Faculty and staff at UD have the following IT infrastructure and services:

- Dedicated desktop machine with flat screen monitor
- Laptops are provided upon request from the IT Services
- Logon accounts are created for each staff/faculty member as per the UD policies
- Each college has a centralized laser-printer server located within the colleges and few faculty members have individual printers.
- University resources Application (UDSIS, UDLIBRARY, UDMAIL, UDMOODLE and CAMS) can be accessed from remote locations through the UD website.
- Internet access
- UD licensed software is installed on all the faculty/staff computers.

- IT services provides laptops that are essentially used for presentation purposes to staff and faculty.
2. UD students have the following IT infrastructure and services:
 - Each student has his/her own student logon account as well as email address.
 - UD campus has 10 labs which are available for the students from Monday to Thursday from 8:30AM – 07:00PM, Friday 08:00 AM – 12:00 PM and on Saturday from 10:00AM – 07:00PM.
 - Labs are also available during the weekends with an approval from the Academic and IT Services team.
 - Library computers can be used at any time during the library’s working hours.
 - Internet access is available 24/7.
 - Each student has a AD user Cloud Storage which helps the student in accessing his or her folder from any workstations in UD and over internet.
 - Each lab is equipped with a Multi-Function printer.
 - UD standard licensed software is installed in all the labs.
 3. UD classrooms have the following IT infrastructure and services:
 - Each classroom has PC, LCD Monitor and Speaker
 - Each lab is equipped with one or more of finger print machine for student’s attendance
 - UD standard licensed software is installed in all classrooms
 4. Workstations/Servers:
Following Table shows a List of Workstations/Servers

SN	Workstations/Servers		
1.	Domain Controller	10.	Windows Server Update Service
2.	Students Information System	11.	Library Server Resource
3.	Kaspersky Antivirus	12.	Fingers Print Server Controller
4.	Files share with Symantec Backup Server	13.	Printers Servers Controller
5.	Helpdesk Spice work System	14.	Password Manager AD Self
6.	Accounting System Great Plains	15.	NAS Storage System
7.	Web Proxy	16.	Backup Tape System
8.	Moodle Learning Management System	17.	UPS System
9.	Telephone Log System		

5. Network Infrastructure
The IT Department ensures that a reliable network is in place enabling all members of the institution’s community to use IT and to access information/resources. The University is equipped with fiber optical cables and is covered with wireless connection which allows students to access internet from the 2nd floor and library. In the library it has 26 wired and in the 2nd floor and 4th floor students can use wireless connection. The 6th floor is connected by core switch to each floor and then through each floor it is connected by a cable network.
6. IT Support Services:
The IT support services include delivering technical services, solutions, practices and guidelines for the UD community. The IT service monitors daily operations of UD network and all PCs and labs used by faculty, staff and students. The IT Services department constantly plan ways to improve the technology available, increase efficiency and reduce downtime. The procedures

followed for handling helpdesk requests, website maintenance, and creating e-mail accounts are described below:

- Providing user support through Helpdesk
- Maintaining and Updating Website
- Creating E-Mail Accounts
- Developing IT Solutions

IT Department is well equipped to provide IT Solutions to its users who intend to customize and develop solutions using the existing and internally developed/customized IT solutions as summarized in the Table below. These solutions employ the usage of appropriate “database” structures that support the design of customized user-friendly interfaces.

A list of databases employed in offering IT Solutions – A summary listing

SN	System	Database
1.	Student Information System (SIS): Admission; Registration; Class Schedule; Classroom Booking; Student Advising; Online Registration System	Microsoft SQL 2019
2.	UD Survey System	SaaS
3.	Ysoft: paper quota for student	
4.	Moodle System: learning management system	MYSQL DB 5
6.	Manage Engine ITSM	SaaS
7.	HR Management System	SaaS
8.	Financial Management	Microsoft SQL 2019

7. Hardware Maintenance & Upgrades

The IT Services department ensures that appropriate measures are taken to maintain and upgrade all existing hardware in line with current technologies. The following describes UD strategy:

- A life cycle of five years is expected for all PC depending on their usage; therefore, in general, third of the existing PCs within the college are expected to be upgraded or replaced depending on request.
- Servers, LAN, and Internet related equipment are examined yearly and upgrades’ needs are determined.
- Peripherals such as printers, scanners, projectors, etc. may have a life cycle of more than three years depending on their usage. Such equipment’s are examined yearly and their replacement is determined.

8. Shared network drives

In order to safeguard the data; all the files have to be stored only in the shared folders to help in the back up procedure and prevent from any loss of data, as mentioned below:

- Public Folders (P: Drive): accessible by all faculty and staff; share information about the different events, activities and other work related documentation.
- Dept. Folders (H: Drive): Each faculty and staff are assigned a department folder to store their files so that it will be easier to access to the team Back-up Policy

9. Back-up Policy

IT Department has a Detailed Schedule of Back-up Policy. The Backup plan

is to perform backups on a daily, weekly, monthly and yearly basis with combination of full and differential backups based on File types as summarized in the table below:

Table showing a summary of the IT Dept. Back-up Schedule

File Type	Daily	Weekly	Monthly	Yearly
Shared Folders (Department, Public & Home)	✓	✓	✓	✓
SQL	✓	✓	✓	✓
System State			✓	
Oracle DB	✓	✓	✓	✓
MOODLE DB & data	✓	✓	✓	✓
Applications	✓	✓	✓	✓

Table showing IT Scheduled Timings for Backups

Backup Type	Start Time
Daily – Differential	23:00
Weekly – Full	10:00
Monthly – Full	23:00
Yearly – Full	23:00

Tape Rotation is scheduled as below.

Table: Daily Differential Backup

Table: Weekly Full Backup

Week	Day					Overwrite protection	Week	Day	Overwrite Protection
1	Sun	Mon	Tue	Wed	Thu	26 days	Wk1	Friday	26 days
Wk2	Sun	Mon	Tue	Wed	Thu	26 days	Wk2	Friday	26 days
Wk3	Sun	Mon	Tue	Wed	Thu	26 days	Wk3	Friday	26 days
Wk4	Sun	Mon	Tue	Wed	Thu	26 days	Wk4	Friday	26 days
Wk5	Sun	Mon	Tue	Wed	Thu	26 days	Wk5	Friday	26 days

Table: Monthly Full Backup

Month	Overwrite Protection
Jan	52 days
Feb	52 days
Mar	Quarter 1 - 360 days
Apr	52 days
May	52 days
Jun	Quarter 2 - 360 days
Jul	52 days
Aug	52 days
Sep	Quarter 2 - 360 days
Oct	52 days
Nov	52 days
Dec	Year End Backup - Preserved

10. Assessing Needs

A yearly assessment of IT needs is conducted by the IT Committee which meets during the last week of May to assess UD's needs (purchases, upgrades, replacement and maintenance) in terms of new IT hardware and software. The IT Committee requests from the various UD functional units to submit their IT needs.

Table: Server Inventory- HP Servers

HP Servers				
#	Server Model	RAM (GB)	HDD (GB)	CPU
1	HP ProLiant DL380 Gen5	4	136	Intel(R) Xeon(R) CPU E5420 @ 2.50GHz
2	HP ProLiant DL380 Gen5	6	136	Intel(R) Xeon(R) CPU E5335 @ 2.00GHz
3	HP ProLiant DL380p Gen8	32	1200	Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz
4	HP ProLiant DL380p Gen8	32	1200	Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz
5	HP ProLiant DL380p Gen8	32	1200	Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz
6	HP ProLiant DL380 Gen9	32	6200	Intel(R) Xeon(R) CPU E5-2620 v3 @ 2.40GHz

Server Inventory- Virtual Host Server & Storage

IBM Flex Server (Private Cloud Virtual Infrastructure)

#	Server / Device Model	RAM (GB)	HDD (GB)	CPU
1	HP ProLiant DL380 Gen10	128	1200	Intel(R) Xeon(R) Gold 6258R CPU @ 2.70GHz
2	HP ProLiant DL380 Gen10	128	1200	Intel(R) Xeon(R) Gold 6258R CPU @ 2.70GHz
3	HP ProLiant DL380 Gen9	128	1600	Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz
4	HP ProLiant DL380 Gen9	128	1600	Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz
5	HP ProLiant DL380 Gen9	128	1600	Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz
6	HP ProLiant DL380 Gen9	64	1600	Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz
7	HP ProLiant DL380 Gen9	64	1600	Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz
8	HPE StoreEasy 1650 E Strg	16	15000	Intel(R) Xeon(R) CPU E5-2609 v3 @ 1.90GHz
9	HPE SAN MSA 2050		15000	

Table showing Applications Inventory

SN	Application	Description	Usage		Faculty	Staff	Students
			Teaching	Research			
1	Microsoft Office 365 & Pro Plus	Productivity suit	√	√	√	√	√
2	Google Apps	Productivity suit	√	√	√	√	√
3	SPSS	Data and statistical analysis application	√	√	√		√
4	Stata	Data and statistical analysis application	√	√	√		√
5	SmartPLS	Structural equation modeling application	√	√	√		√
6	Adobe DreamWeaver	Web development application	√	√	√		√

7	Adobe Acrobat Reader	PDF reader	√	√	√		√
8	Adobe Digital Editions	e-Book reader	√	√	√		√
9	7Zip	File compression utility	√	√	√	√	√
10	Java with Netbeans	Programing language and development kit	√	√	√		√
11	PSPad	Text editor	√	√	√	√	√
12	NotePad ++	Text editor	√	√	√	√	√
13	PSPP	Data and statistical analysis application	√	√	√		√
14	VenSIM	Simulation application	√	√	√		√
15	Brackets	Text editor	√	√	√		√
16	PDFill	PDF creator and editing utility	√	√	√	√	√
17	MatLab	Mathematical computing software	√	√	√		√
18	EViews	Data and statistical analysis application	√	√	√		√
19	Adobe Productivity Suit	Productivity suit	√	√	√	√	√
21	Sophos EndPoint Protection	Security	√	√	√	√	√

11. Office Hours

For all IT related problems and requirements IT helpdesk can be contacted by users on portal <https://reach.ud.ac.ae> +97145566888 or email ithelpdesk@ud.ac.ae between 8:30AM to 07:00PM Monday to Thursday and Friday 08:00 AM – 12:00 PM. Besides, helpdesk is available during all scheduled classes for needed support.

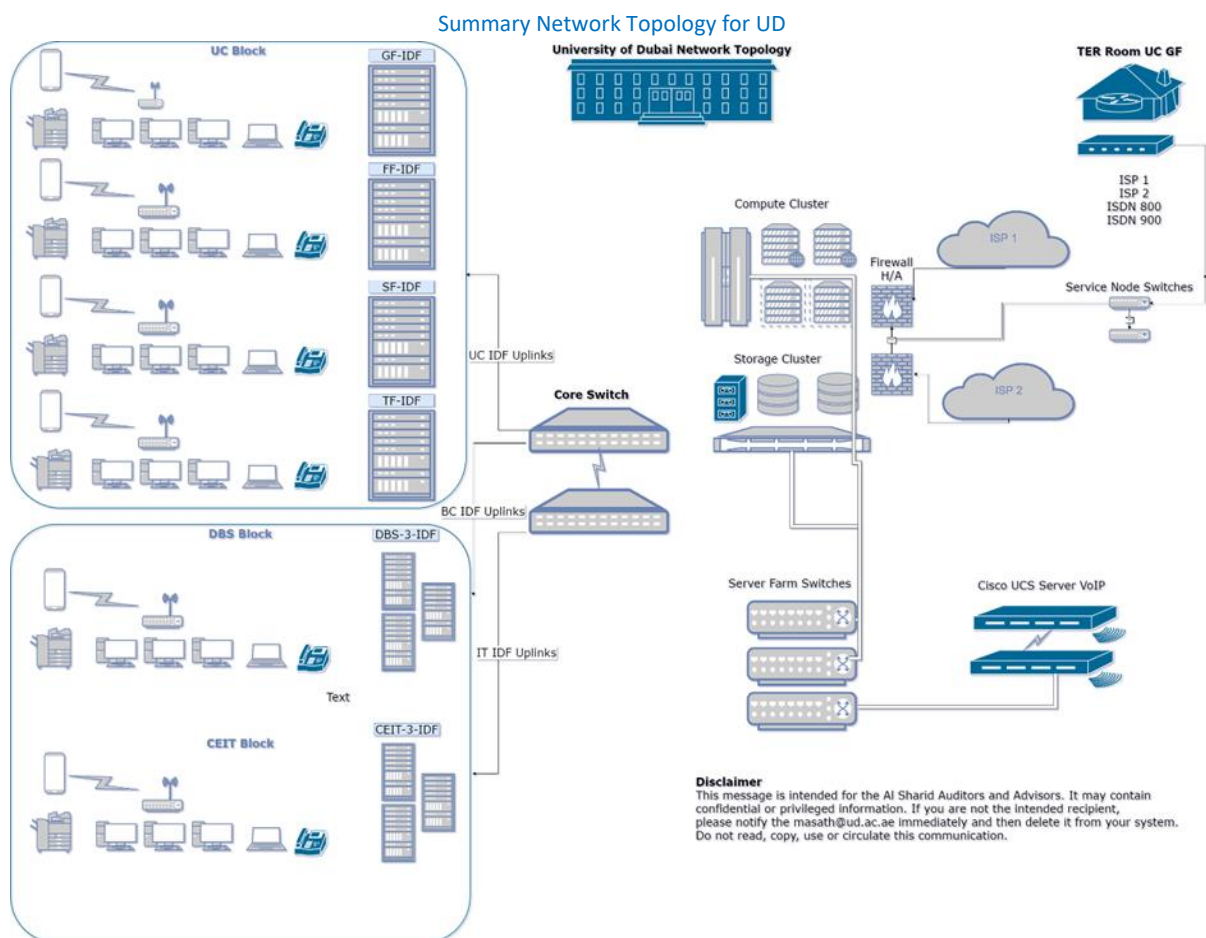
The IT department created ‘How-To’ guides and manuals, as well as video tutorials for the various technologies and services that are provided by the department. These resources are available on the University’s website, and internal document repositories for open access. The department also provides training to faculty, staff, and students on these various technologies and services periodically and on request.

The University has various platforms such as Moodle and CAMS, which both have email, chat, and announcement features that enable efficient communication between the University, students, and faculty. Both faculty and students also use these platforms for communication and course materials sharing. The University has also made available to all staff, faculty, and students other communications platforms such as Skype for business and Google Hangouts.

- Moodle (Course Management System)
- CAMS (Student Information System)

UD’s network topology is designed to offer as much reliability as possible. Each core network device (firewall and switches) has a primary and secondary device, which means in the event of a failure there is always a spare to continue functioning. The network itself is divided into multiple subnets that are independent of each other, and do not allow communication between them to mitigate un-authorized access of data and resources.

Below is a summary network topology for the University:



Level of IT network Reliability: Provided below are few excerpts on the network reliability as an example:

- The student computers on the students wired LAN (i.e. library and lab computers) can only connect to the student network and cannot access data and resources on the staff/faculty network, and vice-versa.
- Staff/faculty connected to the staff/faculty wired network can only connect to this network and only access data and resources on this network. They cannot access data and resources on the student networks.

- Users connected to the student WLAN cannot access any wired network, both student and staff/faculty.
- Users connected to the Guest WLAN cannot connect to any network or access any data or resource. These users only have access to the internet.

Table showing the Audit Maintenance of the IT Network

Category	Tasks
Operational Support	Perform monitoring, maintenance, backup, log analysis, and recovery testing for servers and applications. Provide troubleshooting, operations, maintenance, administration, application, network, migration, and database support.
Software Maintenance and Upgrades	Provide software development and maintenance services for custom computer system solutions using the full system development life cycle (SDLC).
Infrastructure Management Services (IMS)	Manage the entire applications infrastructure capability for the environments described above.
Configuration Management	Conduct configuration management for the applications infrastructure capability including server, operating system and vendor inventories, patching and upgrade services, and software migration services.
Network/ Hardware Support	Provide hardware technical support for servers responsible for monitoring performance of installed applications and servers. Administer vendor changes/patches and conduct performance tuning.
Help Desk/ IT Support	Operate help-desks and provide training for applications and network support operations, and receive requests for services. The IT infrastructure help-desk also provides “last tier” support to the separate applications help-desks to resolve network and interconnectivity problems.
Resource Management	Manage the network infrastructure resources, and asset/software resources.
Backup and Recovery Management	Implement and manage backup/archive strategies for systems and servers. Perform backup, storage, and disaster recovery functions.
Installation, Configuration, and Tuning	Provide installation, configuration, and tuning services. DBA’s, network specialists, and Linux and Windows server administrators monitor system performance and coordinate tuning and performance solutions.
Electronic Software Licensing Services	Provide support to manage assets, licenses, maintenance agreements, production migrations, patch management, software/hardware vendor upgrades.
System Management	Track computer systems and services, perform migration and change management services, ensure audit compliance, coordinate releases, and monitor post-deployment performance, changes, and relationships with system sponsors and end users.
IT Training	Conduct training for a full suite of IT applications.
IT O&M Planning	Perform capacity-planning analysis, and make new server recommendations, configuration change recommendations, and financial recommendations for hardware/software acquisitions.
Transformation Services	Support the IT cultural transformation needed to evolve in-house and support transformation services with respect to IT trends.

Continual Service Improvement	Work with system sponsors, government personnel, end users, development and support teams, and other contractors to monitor, support, and continually improve technical and relationship services to partners.
IT Infrastructure Optimization	Analyzed and implemented virtualization techniques to reduce server inventories, heat production, air conditioning requirements, and rack space needs by eliminating the requirement for physical servers unless absolutely necessary. Active participant in a Data Center Consolidation Initiative producing analysis and metrics and submitting reports to the department as coordinated with government personnel.

Other Maintenance and reliability assurance tasks include:

- Server and storage infrastructure
- Desktop infrastructure
- Network equipment
- Backup and security systems
- Patch management
- Log file review and corrective action
- Security vulnerability testing
- Anti-Virus and Anti-Spam management
- Active directory account review
- Archiving and data file management
- Routine backup verification and test restores
- Threshold trending and management – CPU, RAM, disk, network bandwidth
- Application interoperability and alerts
- Asset management tasks
- Custom maintenance tasks developed to meet unique requirements.

Note that many maintenance tasks are performed in “real-time”. That is, we use our monitoring and IT Management Systems to automatically raise alerts based on pre-defined thresholds or known error conditions, which are then actioned by our network maintenance team as they happen.

As documented in UD Policies & Procedures # LR 7.1, the University currently has a policy of replacing student and faculty computers at a maximum device age of 5 years. Devices are also upgraded at any point within the 5 years whenever there is a requirement for an upgrade due to growing demands. However, some devices are replaced before the 5 years with newer, higher specification devices depending on the requirements at the time

The University currently has anti-virus applications on all computers which have features that mitigate all know security threats at this point in time (such as malware, crypto ware, Trojans, etc.). UD’s ID employs firewalls on the perimeter of our network that secure our network from outside threats. These devices also segregate the internal network into different sub-networks, which allows us to restrict user access to networks that they are authorized to access. For example, students are not able to access staff and faculty subnetworks whether they are connected to the University network using wireless or through the University’s student computers.

Security protocols are also in place to secure the computers and other hardware as well, in order to prevent data loss and protect the integrity and confidentiality of user and administrative data. One such protocols are the blockage of the use of USB drives on student computers.

UD plans also to have an internal network firewall, antivirus controller, and security operations center controller to provide advanced insight into our security infrastructure as well as enhance our internal security.

The University currently has an in-house developed application (FQIS) for managing faculty data such as research, publications, scheduled teaching, etc. The University also employs applications such as Moodle for course management, and CAMS for the management of student information. Moodle provides a platform where faculty can monitor the courses they teach, as well as share course resources, conduct assessments, and communicate with their students. CAMS, on the other hand, are a platform where students can track their whole information. This includes course audits, grades, finances, announcements and communications, course registrations, etc. There also is a course file management system created through the utilization of the folder management feature of the Windows Server to provide secure and private course file storage for all faculty.

The University has also made available applications such as Tableau, to relevant departments, for the mining and analysis of the University data and reporting.

8.3 Physical facilities

UD new campus in Dubai Academic city is working from November 2015. The space is rented by the Dubai Chamber of Commerce and Industry (DCCI). UD new campus include three buildings: The main center, Dubai Business School and College of Engineering and IT. Currently, DBS include office of both GUCR and College of Law faculty members.

The UD's new campus has insured for all its colleges suffice state of the art infra-structure and physical resources. There are 30 classrooms, which collectively can accommodate up to 1257 students at any given time. The capacity of the classrooms varies between 15 and 30 students. These rooms are very adequate to run the LLM lectures taking into account that the average number of students in any class is normally about 10 students. Thus, we have a surplus of teaching facilities. See Table below for more details on University Physical Teaching Spaces.

Table showing University Physical Teaching Spaces

Class Type	Number	Capacity (Seats)
Classroom	30	900
Computer Lab	11	232
Meeting Room	1	15
Seminar room	5	60
Small Auditorium	1	50
Grand Total	49	1257

UD has a spacious Campus employing modern/state-of the art technology based Green Buildings wherein adequate parking areas in front of every UD building. Currently, UD is developing a solar powered parking area in front of UD main center.

The UD campus also hosts both male and female students with facilities available to accommodate the students' needs including the availability of (i)Majlis area as private resting room for female students (ii) parking areas in front of each building to accommodate persons of special needs/disabilities as well (iii)spacious elevators to ease their movement across campus and (iv) a

number of Emirates Civil Defense Academy trained UD staff to deal with emergencies/a crisis such as Fire (i.e., on the safety of UD community) with Evacuation plans posted at several locations of UD.

8.4 Laboratory Learning Resources

The University has 11 labs, all equipped with computers that have all the applications required for the proper learning and teaching. The computers also have enough resources to run all required programs used for teaching and learning in the University. Below is a breakdown of all the labs with the number of computers in each lab, their models, and specifications.

Table showing List of Laboratories

SN	LAB Name	PC/LAP Model	Device No's	Specification	LAB Location
1	Open Computer LAB	HP 400 G6	20	Intel i5 Processor 8 GB RAM and 500 GBSSD	DBS-GF-107
2	UG LAB	Lenovo E520	25	Intel® Core i5 Processor i5-2410M with dual core (2.30GHz), 3MB Cache, 8GB PC3-10600 Non-Parity (NP) Double Data Rate Three (DDR3) Technology Dual-channel capable, 750 GB, 5400rpm, 9.5mm high, SATA HDD	DBS-FF-202
3	PhD LAB	Lenovo E520	21	Intel® Core i5 Processor i5-2410M with dual core (2.30GHz), 3MB Cache, 8GB PC3-10600 Non-Parity (NP) Double Data Rate Three (DDR3) Technology Dual-channel capable, 750 GB, 5400rpm, 9.5mm high, SATA HDD	DBS-FF-204
4	UG LAB	Lenovo E520	29	Intel® Core i5 Processor i5-2410M with dual core (2.30GHz), 3MB Cache, 8GB PC3-10600 Non-Parity (NP) Double Data Rate Three (DDR3) Technology Dual-channel capable, 750 GB, 5400rpm, 9.5mm high, SATA HDD	DBS-FF-211
5	Physics LAB	HP z240	11	Intel® Xeon® E3-1245 v5 3.5 2133 4C CPU, 16GB DDR4-2400 ECC (2x8GB) RAM, 1TB SATA 7200 rpm 6Gb/s 3.5" HDD, NVIDIA GeForce GT-730 4GB/64Bit	CEIT-FF-201
6	Networking & Security LAB	HP z240	11	Intel® Xeon® E3-1245 v5 3.5 2133 4C CPU, 16GB DDR4-2400 ECC (2x8GB) RAM, 1TB SATA 7200 rpm 6Gb/s 3.5" HDD, NVIDIA GeForce GT-730 4GB/64Bit	CEIT-FF-202
7	General LAB	HP DX2200	21	Intel Pentium 4 516 Processor (2.93-GHz, 1-MB L2 cache, 533-MHz FSB), 4-GB PC2-5300 DDR2 SDRAM (667-MHz) Non-ECC – Double channel, 250-GB Serial ATA 3.0-Gb/s Hard Drive (7200 rpm)	CEIT-FF-203
8	Isolated LAB	HP z240	21	Intel® Xeon® E3-1245 v5 3.5 2133 4C CPU, 16GB DDR4-2400 ECC (2x8GB) RAM, 1TB SATA 7200	CEIT-FF-204

				rpm 6Gb/s 3.5" HDD, NVIDIA GeForce GT-730 4GB/64Bit	
9	MBA LAB	Lenovo E520	21	Intel® Core i5 Processor i5-2410M with dual core (2.30GHz), 3MB Cache, 8GB PC3-10600 Non-Parity (NP) Double Data Rate Three (DDR3) Technology Dual-channel capable, 750 GB, 5400rpm, 9.5mm high, SATA HDD	CEIT-FF-206
10	Electrical LAB	HP z240	11	Intel® Xeon® E3-1245 v5 3.5 2133 4C CPU, 16GB DDR4-2400 ECC (2x8GB) RAM, 1TB SATA 7200 rpm 6Gb/s 3.5" HDD, NVIDIA GeForce GT-730 4GB/64Bit	CEIT-FF-212
11	Scenario LAB	HP Z8	8	Intel® Xeon® E3-1245 v5 3.5 2133 4C CPU, 32GB DDR4-2400 ECC (2x8GB) RAM, 1TB SSD, NVIDIA GeForce GT-730 4GB/64Bit	DBS-FF-201

In the short term, the University has adequate support staff that provides support for all faculty, staff and students. In the long term however, the IT department plans employing more technical support staff that would be dedicated to only classroom and laboratory support. If in the short term also our user numbers increase beyond the capacity of the IT department augments additional support staff swiftly.

Table IT Software/Hardware Available in each of UD Laboratories

S. No.	Application	Description
1	Microsoft Office 365	Productivity suit
2	Google Apps	Productivity suit
3	SPSS	Data and statistical analysis application
4	Stata	Data and statistical analysis application
5	SmartPLS	Structural equation modeling application
6	DreamWeaver	Web development application
7	Adobe Acrobat Reader	PDF reader
8	Adobe Digital Editions	e-Book reader
9	7Zip	File compression utility
10	Java with Netbeans	Programing language and development kit
11	PSPad	Text editor
12	NotePad ++	Text editor
13	PSPP	Data and statistical analysis application
14	VenSIM	Simulation application
15	Brackets	Text editor
16	PDFfill	PDF creator and editing utility
17	MatLab	Mathematical computing software
18	EViews	Data and statistical analysis application

The IT support staff at University of Dubai are available from 8:30am to 10:00pm Saturdays to Thursdays offering support services to all its faculty, staff and students.

9. Undergraduate Program Admission Requirements and Procedures including Application Fees, Admission Deadlines, Policies on Transfer of Credit

9.1 Undergraduate Program Admission

Admissions policies are clearly articulated so that they can be understood by applicants and implemented consistently by those making the decisions. Applicant information used for admission decisions should be gathered systematically and used consistently. Admission decisions depend on many factors, including accrediting agencies' requirements, societal factors such as the development of UAE nationals, student scholastic achievement, leadership experience, work record and other indices that may be related to academic and career success. The University follows its admission policies in making admission decisions. Admission policies include all factors considered in entry decisions and should be accessed and understood by all participants in the entry process. Admission policies should result in:

- Student body that supports the achievement of the UD mission.
- Higher retention rates.
- Higher timely graduation rates.

9.2 Application Documentation Requirements

An applicant must provide the following documents for undergraduate admission:

- Completed application form.
- Original UAE high school certificate or a certified/attested equivalent (approved by the Ministry of Education).
- TOEFL (or equivalent) score certificate in original.
- Copy of a valid passport and identity card.
- Four recent passport-size photographs (in color) or in JPEG format file.
- Receipt for the non-refundable admission fees¹ as per the current fees structure.

9.3 Admission Criteria

9.3.1 General Admission Regulations

The following admission regulations are followed:

- Applications for admission will be accepted until the announced deadline, which must normally be 2 weeks prior to the beginning of the semester. Applicants will be informed about the admission decision including their eligibility for transfer credits, or the date for any required placement tests, if applicable, within a week from application date.
- Admission decisions of students into UD are normally valid for only one semester. Students who fail to register will lose their admission status and must resubmit their application as a new applicant.
- If the student requests to postpone his admission for the following semester on reasonable grounds, the student will not have to re-pay the non-refundable registration fees.
- Applicants should make sure that all documents required for finalizing their admission are submitted to the RD before course registration begins.

¹Admission fees include ID card and Technology fees

- The names of UD students on all university documents are spelled in English exactly as they appear on their passports or identity cards. If the name on a passport or an identity card does not appear in English, it will be spelled according to the applicant's preference.
- Applicants, who were denied admission to UD, may file a petition for admission on a conditional basis. These applicants will be evaluated on a case-by-case basis for approval by the UD Provost/President.
- Students granted conditional admission will be considered At-Risk, and will accordingly be closely monitored by their assigned faculty advisor.
- A student status report for conditionally admitted students will be issued at the end of each semester and a hard copy will be archived in the student's file.
- Admissions standards for various programs are assessed every 3 years as part of continuous improvement and enrollment planning.

9.3.2 Regular Admission

Admissions Criteria for Dubai Business School-Bachelor of Business Administration

High School	English*	EmSAT Math*	EmSAT Arabic*
A minimum high school average of 70% for Advanced or Elite Track or 75% for General Track or equivalent in Standardized International	EmSAT 1100 or Academic IELTS 5.00 or TOEFL score of 500 (173 CBT, 61 iBT)	600	600

The student must pass a personal interview set by the Dubai Business School in addition to other conditions of admission set by the university.

**A Math placement test is required for students scoring below 1100.*

**Terms and Conditions Apply*

Admissions Criteria for BS in Computing & Information Systems - Information System Security

High School		English*	Math*
Ministry of Education Qualification: General Secondary Certificate Minimum Score: 65% 60 - 64.9% Conditional Acceptance	American Qualification: American High School Diploma providing Grade 10,11 & 12 Minimum Score: 65% Overall average of Grade C- (65% or 2.3/4.0)	British Qualification: <ul style="list-style-type: none"> • At least five IGCSE/GCSE subjects with a score of (A*,A,B,C,D,E) and two AS or one A level subject with a score of (A*,A,B,C,D) • Islamic and Arabic language subjects are not considered in total score • Students must complete 12 years of schooling and a school leaving certificate must be provided • All students graduating from foreign curriculums are requested to provide an equivalency letter from Ministry of Education 	EmSAT 1100 or Academic IELTS 5.00 or TOEFL PBT 500 or TOEFL IBT 61 EmSAT math 500 or SAT 450 or Math placement test 400

Admissions Criteria for BS in Electrical Engineering - Communication Engineering & Power & Energy Engineering

High School	English*	EmSAT Math*	EmSAT Physics*	EmSAT Arabic*
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A minimum High School Average of 75% for Elite Track, or 80% for Advanced Track or equivalent in Standardized International Systems is required	EmSAT 1100 or Academic IELTS 5.00 or TOEFL PBT 500 or TOEFL IBT 61	900	800	600
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**For more information about EmSat scores, please contact our admission office at +97145566877*

Note: EmSat preparation courses are available (Pre-English, Pre-Math, Pre-Pysics and Pre-Arabic)

**Terms and Conditions Apply*

9.3.3 Qualifications Requirements

Students with qualifications other than those listed above are advised to contact the student recruitment and admissions representatives at UD to determine their eligibility. They can also visit the World Education Services webpage and find the equivalency for a particular country's grade to make sure it represents at least a "C" in the US grading system.

- **Math requirements:** A new applicant applying for admission must provide a minimum EmSat score of 1100 or choose to take the math placement test at UD and pass with a minimum score of 400. Failing to do so, will result in taking the remedial math course.
- The University accepts applicants on a competitive basis. In the case where a maximum quota is set for admission, priority is given to applicants with the higher high-school scores.
- The University may impose additional conditions but with due notice.

9.4 Procedures on Transfer of Credit among UG Students

UD accepts students coming from other UAE-accredited universities if they satisfy UD regulations. If admitted, some courses may be transferred as per UD policy. Note that transfer credits from universities accredited by the UAE's MOE are accepted only if the admission conditions are met. English scores taken for admission into their old universities may be accepted if they satisfy UD requirements.

- Establishes a committee that includes staff of the registration unit and subject matter specialists in making decisions regarding transfer admissions, transfer of credit and advanced standing; records of all decisions and related documents are maintained;
- Limits the number of transfer credits which may be applied to a specific undergraduate degree program; the limit may not exceed 50% of the total number of credits which are required to complete a degree.
- Transfers undergraduate program credits only for courses relevant to the receiving degree that provide equivalent learning outcomes and in which the student earned a grade of C (2.0 on a 4.0 scale) or better;

9.4.1 Admission Criteria for Transfer Students

Math Placement Test

Transfer students who receive credits for Math I or Math II on the basis of courses completed at another institution, are not required to take the Math Placement Test. All other transfer students will have to take the Math Placement Test and will be placed according to the test results.

English Proficiency Requirements

Transfer students who present evidence of having obtained the minimum English proficiency scores (TOEFL 500 or its equivalent at the time of prior enrollment at other institutions, do not have to take any further English proficiency requirements. Transfer students who do not meet the above requirement, but are eligible to receive transfer credits in English courses, may be given conditional credit for English I and/or English II upon presenting the required English exam scores to the Admission Department. Their admission is considered conditional until the official TOEFL or equivalent score is received by the Admission Department.

All other transfer students are subject to the same English proficiency requirements as first-time students.

10. Conditional / Probation Admission

10.1 Low TOEFL or IELTS Score

- Applicants who do not meet the minimum required English exam scores will have to take the UD English Placement Test and will be placed in remedial English courses based on the placement test results.
- These students may be allowed to register in up to 12 credits (Stipulation 6.2.5 of the Standards) of selected General Education courses (along with the English courses) which are counted towards an undergraduate degree - The 12 credits must be completed within a year. The General Education courses must be in subjects for which the students have the preparation, knowledge, and skills to enable them to achieve the course learning outcomes.
- Students who fail to pass in the English placement test by the end of this period shall be suspended until an acceptable score is achieved. The suspension period cannot exceed one year.

10.2 Low High School Score

- Applicants with a score of 60-64.9% in their High School Certificate for BBA/IT and 70-79.9% for Engineering may be considered for conditional admission on a case-by-case basis by the AD.
- If admitted, the students will have to achieve a minimum cumulative GPA of 2.0 upon completing 30 credit hours at UD.
- Students failing to achieve this GPA score will be given one an additional semester to remedy the deficiency provided that his/her CGPA was at least 1.8, or be dismissed. During this period, the student can repeat courses but shall not be allowed to register new courses
- May allow conditionally admitted students to take no more than 12 semester credits (or equivalent) of appropriate General Education course work to contribute towards an undergraduate degree; or such other broadly comparable limits on credits as are available in the system in use within particular institutions;
- Allow conditionally admitted students to take General Education credit-bearing courses only in subjects for which they have the preparation, knowledge, and skills to enable them to achieve the course learning outcomes.

10.3 Placement Tests

10.3.1 For First-Time Students

All applicants who cannot provide valid official scores for TOEFL (or its equivalent), must take the English Placement Test in addition to the Math Placement Test in order to assess the needs for

remedial courses. If this is not provided, students will be placed in Intensive Level courses in Math and English.

Math Placement Test

- Students may choose to register in the Math non-credit course without taking the Math Placement Test.
- All other first-time students must take the Math Placement Test at UD. They may then register in the appropriate math course, as outlined in the table below:

Math Test Score and Placement

Math Placement Score	Course Name
Score < 400	Intensive Pre-Math
Score \geq 400 and \leq 599	Math I for Business/Science
Score \geq 600	Math II for Business/Science

Note: Candidates with borderline scores on the placement test are treated on a case-by-case basis.

10.3.2 English Placement Test

Students who do not have a valid English exam score must sit for the placement exam. Students who have expired exam scores that are more than two years old (even if the score exceeded the minimum required) are required to present a new valid score before admission.

10.4 Admission Criteria and Requirements for Visiting /Audit / Special Students

10.4.1 Visiting Students

- A visiting student is a student enrolled at another institution who wishes to take courses at UD for transfer back to his/her home university.
- A visiting student must present an approval from his/her university regarding the transferability of UD credits to his/her program at his/her home university.
- A visiting student must submit the relevant application form and register during the scheduled admission/registration periods. The application for admission must include a copy of his/her passport and four recent photos (JPEG format file) and a copy of his/her latest University Transcript.
- The visiting student must meet UD's English language requirements (if his current language of instruction at his original university is not in English).
- A visiting student must fully adhere to UD regulations and rules, including attendance.
- The cumulative number of credit hours allowed for the registration by the visiting student should not exceed 63 credit hours, and such student cannot register for more than 2 consecutive regular semesters or 4 non-consecutive semesters (Short semesters are not considered as long as the number of credits is not exceeded). Exchange students (i.e. from universities which UD has an MOU are subject to the terms of such agreements).

- A visiting student may apply for a regular student status after complying with the UD admission requirements of the intended program.

10.4.2 Audit Students

- UD allows individuals interested to attend one or more courses as audit students. No limit is set.
- The candidate must show some evidence of prerequisite knowledge required for auditing the course. This can be done through a meeting with the course instructor/Department Chair/Dean/Director for clarifying this point and the purpose of auditing the course.
- Following a positive meeting, the course instructor/Department Chair/Dean/Director shall sign the related Application Form, which must be submitted to the Admission Dept. along with other required documents. The latter usually include a passport copy and four recent photographs (JPEG format file), among others.
- The applicant must pay the regular course and other applicable fees for visiting/short course students before attendance of any classes.
- Attendance policy is not mandatory, so the applicant can't be issued an attendance certificate.
- Since homework assignments/examinations are not mandatory, the applicant can't be issued a transcript.
- The course(s) taken as audit can't be counted toward a degree offered at UD.

10.4.3 Special / Non-degree Students

- Special students are students who have obtained their undergraduate degrees from UAE-accredited universities and who are interested in taking courses of similar or higher levels at UD for credit but not toward a degree. The students must normally have the necessary academic background or experience to match the level or requirements of the requested course through submitting the latest academic qualification
- Special students must meet UD's English language requirements.
- The maximum number of credits taken shall not exceed 30 UG credits or 12 graduate credits.
- Special students must comply with attendance and course assessment policies, similar to UD students.
- The transcript of a special student must clearly show the status of a Special Student.
- A special student must submit the application form along with the required documents before the beginning of the semester/term.
- A special student may apply for a regular student status after complying with UD admission requirements of the intended program. If accepted, the courses taken can be counted toward that degree.

10.4.4 Re-admission / Re-instatement for Interrupted UD Students

- A student, who has withdrawn or has cancelled his /her registration at UD, may be considered for re-admission upon submitting a formal request to the Registration Department.
- A student dismissed from UD on academic grounds may be re-admitted into a different program in a field different from the one from which the student is transferring.

- A student dismissed from UD on disciplinary grounds will not be re-admitted into the university, even as a new student.
- Applications for undergraduate re-admission may be considered if the period of study interruption does not exceed 7 years (14 regular semesters) from the last registered semester. In such a case, the same ID number will be used. The period of interruption must not exceed three years for graduate programs.
- If the undergraduate student is re-admitted after a period of less than 7 years of study interruption (or 3 years for graduate students), courses taken at UD will be considered. Courses taken outside UD must have a minimum grade of “C” for undergraduate and “B” for graduate programs to be transferred. (See the Transfer Policy 5.3 for full details).
- Applications for re-admission after longer study interruption periods (i.e. >7 years) will be treated as new students (with new ID’s) provided that dismissal from previous study was not based on disciplinary grounds. Restrictions on study programs also apply.
- In the above case, only general UG courses that were taken at UD may be considered if it aligns with the current curriculum, and will be marked as “Exempted”² as long as the previous grade was at least “C”. Other non-general courses may be considered subject to a challenge exam where the student must score at least 65%. Grades will be reported as “Exempted” in the transcript. Graduate courses are not eligible for consideration.
- The deadline to receive applications for re-admission is one month prior to the beginning of the intended semester/term.

10.4.5 Admission for Interrupted non-UD students

See Policy S5.3 on Transfer Admission.

²With “Exempted” credit hours are counted.

11. Advanced Standing

The University of Dubai (UD) recognizes the significance of superior scores earned by incoming freshmen on Advanced Placement (AP) examinations administered by the College Board, IB curriculum of International Baccalaureate Examinations, Pre-College Credit and achieving high scores in TOEFL/SAT or any other equivalent exam. Consideration of high performance in these selected exams may accelerate a student's progress in his/her respective undergraduate degree program. Students should arrange to have their scores sent directly to UD Registrar from the College Board/ETS/IB Examinations. UD Institutional TOEFL Code is 8239 and UD SAT code is 5695.

UD allows academic credit exemption for up to 6 courses (18 CH) for Advanced Placement subjects in the undergraduate programs. Eligible students can benefit significantly from reduced cost of undergraduate studies and also speed up their graduation in BBA/BS. For more details, refer to UD Policy S 5.4 on Advanced Standing.

11.1 Student Options on AP/IB/GCSE Credits

Matriculating students seeking credit for AP and IB exams must have official score reports sent directly to the Registrar's office by the Educational Testing Service and International Baccalaureate Organization respectively. See Advanced Chart Placement/International Baccalaureate table below:

Examination at Advanced Placement/IB

Subjects	Score	University Of Dubai Credit Awarded
Computer Science A	4	ITGN 100 (3CH)
Computer Science B	4	ITGN 115 (3CH)
Economics		
• Micro Economics	4	Economics BECN 100 waiver
• Macro Economics	4	Economics BECN 225 waiver
English		
• Language/Composition	4	English ENGL 100 Free (3CH)
• Literature/Composition	4	English ENGL 105 Free (3CH)
Environmental Science	4	GCEI 100(3CH)
Mathematics AB	4	GMAT 100/110 (3CH)
Mathematics BC	4	GMAT 105/115 (3CH)
Psychology	4	GPSY 100 (3CH)
Statistics	4	BSTA 200 (3CH)

UD reserves the right to re-evaluate the content of AP/IB exams and to change the assignment of credit and course equivalencies. Placement into advanced courses will be deliberated, given advanced

course demands, between student and advisor. Students are encouraged to meet with their advisor to explore the most current AP/IB assessments.

Matriculating students seeking credit for A-Level exams must bring their original A-Level certificates to the Office of Admissions in order to have their scores evaluated for credit. See GCSE Advanced (A) Level Exam Policy chart as per the table below:

11.2 Examination at GCSE Advanced (A) Level

Subjects	GRADE OF A* OR A OR B (University of Dubai Credit Awarded)
Accounting	BACC 205-Principles of Financial Accounting
Economics	A* or A or B = Waiver of BECN 100 Microeconomics
English	English departmental review
Math w/Further Math (EdExcel)	Math departmental review

11.3 Pre-College and Dual Enrollment Credit

The Office of Admissions will evaluate the credits of students who have taken courses at an accredited college or university during high school, the same way it evaluates transfer student's credits.

UD must receive a letter from your high school guidance counselor or principal verifying that the courses taken did not satisfy high school graduation requirements. Additionally, a letter from the college's registrar is required and must verify the following items in order for the credit to be deemed acceptable:

- The course must be taught on the college campus by a member of the regular faculty.
- It must be open to enrollment by and graded in direct competition with regularly matriculated undergraduates at the college.
- It must be part of the normal curriculum published in the college's catalogue and **cannot be a distance learning course of any type.**

11.4 High performance in TOEFL/IELTS/SAT tests

Students can also be exempted from selected courses based on their high performance in the standardized tests as indicated in below table.

SN	Standardized Tests	University of Dubai Credit Awarded
1	TOEFL PBT \geq 550 or iBT \geq 79	ENGL 100
2	IELTS \geq 6 <u>on each section</u> of IELTS	ENGL 100
3	TOEFL PBT \geq 600 or iBT \geq 100	ENGL 105
4	IELTS \geq 6.5 <u>on each section</u> (Reading, Listening & Speaking) of IELTS AND \geq 7 in Writing	ENGL 105
5	Exempt students who are native English speakers or near native English speakers	ENGL 100 & ENGL 105
6	SAT or UD Institutional SAT score 600-649	GMAT 100/110 (Math-1)
7	SAT or UD Institutional SAT score \geq 700	GMAT 105/115 (Math-2)
8	Pass the IT test in http://www.microsoft.com/learning/en/us/mos-certification.aspx#fbid=4nFeENP4WwG	ITGN 100
9	Pass the IT test in CIW Web Foundations Associate after passing two exams as self-study Exam ID: 1D0-610	ITGN 105

11.5 Credit Evaluation

Students' scores and credits in Tables 1-3 are evaluated the year in which they matriculate according to the evaluation standards in place for that year in Tables 1-3. It is expected that students will have their respective scores submitted for evaluation prior to matriculation to facilitate a timely assessment of their scores and equivalent coursework for program planning.

Students' credits will not be assigned to the academic record retroactively. A maximum of 12 courses (36 CH) may be exempted.

11.6 Restrictions

The University reserves the right to refuse certain credits if issues regarding the likelihood of success or progression within the program of study arise or if program requirements dictate. Certain departments such as English, Mathematics, IT and Economics have separate criteria for placement in courses to ensure that they possess critical skills and knowledge in the content area. Students' programs and co-op plans are developed on a case by case basis.

UD does not grant credits in the form of advanced standing at the graduate level. However, the transfer of credits may be allowed, as listed in Policy S5.3.

12. Recognition of Prior Learning

The Recognition of Prior Learning (RPL) policy aims to optimize a student's progression by recognizing his/her informal or non-formal prior learning as the basis for satisfying some course requirements.

12.1 Definition of RPL

Recognition of Prior Learning is a valuation process requested by the student to assess a previously obtained informal and non-formal learning, competency, skills, and experiential learning prior to his/her program enrollment.

Informal learning is gained through work, activities and experience. Informal learning is neither organized nor structured in terms of objectives or time. Non-formal learning usually takes place through a structured learning program but which does not lead to an accredited academic qualification.

The recognition of formal learning, which takes place through a structured program of learning that leads to a full or partial achievement of an accredited academic qualification, is governed by policies S5.3 and S5.4.

12.2 Policy

1. A student can apply for RPL with his/her application for admission to the University of Dubai. An application for RPL will not be accepted prior to applying for admission.
2. The student must include the relevant documents and other evidence to demonstrate his/her prior knowledge, skills and competencies.
3. The prior learning must be fairly current. It must have been completed no more than eight (8) years prior to applying to join a UD program. Special attention must be given to fields that become quickly outdated by changes in practice or technology (e.g. Information Technology, communication), where a five (5) year limit is imposed.
4. The request for RPL shall be evaluated by a committee assigned by the College Dean. The committee members must be experienced in the subject, and possess excellent knowledge in the concerned program/course.

5. The committee's responsibility is to review each application and determine whether the evidence of prior learning and experience potentially match the learning outcomes and rigor of the course sought. The committee may request additional information if needed.
6. There should be no double counting. The material submitted for RPL should not have been counted toward a previously earned and accredited academic qualification.
7. A challenge exam will be required in all cases prior to the awarding of credit for RPL.
8. A student will be awarded credit for a course when he/she has demonstrated that he/she has successfully met the learning outcomes and assessment criteria of the course in question. The review/assessment must show at least 80% similarity.
9. RPL is normally granted at the same award level. For example, RPL for prior learning at the Bachelor level would be granted towards a Bachelor level course at UD. However, the minimum course grade must be "C" or 2 or its equivalent for undergraduate courses and "B" or its equivalent at the Master's level.
10. In undergraduate programs, only courses of 100, 200 or 300 levels may be considered for RPL.
11. Any RPL that is granted must be considered in conjunction with an identified study plan. Where a study plan is based on a student's planned major, and that major is subsequently changed by the student, the RPL applied in relation to the first major proposed may no longer be applicable to the study plan for the new major.
12. The RPL committee must ensure consistency and efficiency of decision-making. A precedent records an RPL decision with the aim of applying that decision to subsequent comparable cases.
13. The database of precedents must be consulted in relation to any advanced standing application being considered.
14. The database of precedents, together with other advanced standing determinations must be stored by the concerned College.
15. Due to the unstructured and highly variable nature of informal learning, there may be cases of RPL that cannot be based on precedents. In such case, the committee must take into account the individual student's circumstances, award program and the evidence provided.
16. For undergraduate programs, RPL may be granted up to 50% of curricular requirements. For Master's programs, the limit is six (6) credit hours. No RPL is given in the PhD program. The student must complete the remaining curricular studies as formal education.
17. Partial recognition is not offered. RPL is given on the basis of whole courses only.
18. Courses approved for prior recognition shall be awarded a "Transfer-Credit" grade, which is not counted in the calculation of the student's cumulative GPA.
19. The University is committed to working with the vocational and technical Education sector, and professional organizations who offer internationally-accredited certification, to establish a range of pathways through which UD's courses are linked with these sector courses within in the QF Emirates Grid.

20. The initial requests for RPL shall be handled by the Admissions Department.
21. The Registrar shall be the data custodian for all awarded cases.
22. A note regarding the possibility of acquiring RPL will be mentioned in all related UD publications in addition to the Application for Admission.
23. The colleges must regularly review the progress of the students awarded credits for prior learning, and make any needed adjustments to the transfer rules.

12.3 Procedures

1. An applicant for admission wishing to receive credit for RPL must submit his/her request through the Admissions Department along with the supporting evidence.
2. The following items may be required from the applicant (if applicable):
 - a. Student Portfolio (work experience letters, CV, internship agreement (if applicable), professional certificates, official transcripts of previous study, official job descriptions.
 - b. Syllabi of previously taken professional courses or a description of non-formal programs followed.
 - c. Sample of work performed.
 - d. Published research and articles.
 - e. Workplace projects.
 - f. Reference letters from employers detailing the applicant's skills and experience.
 - g. Membership in professional organizations.
 - h. Third party testimonies.
 - i. Listing of trainings and attended workshops.
 - j. Any additional documents to demonstrate knowledge, skills and competencies.
3. The Admission department shall forward the request to the concerned College.
4. The College Dean will assign a committee to evaluate the case within a week from the receipt of the application.
5. The assigned committee will review the application and make a recommendation on whether or not to accept the request based on the submitted documents, within two weeks. If the request is accepted, the committee shall prepare and schedule a challenge exam to the applicant.
6. The Admissions Department shall announce the result to the applicant within a week from the exam date.
7. If the application for RPL is rejected, the committee must justify its decision.

12.4 Appeal Process

1. If the applicant wishes to appeal the results of the RPL, he/she may submit an appeal to the Admissions Department within a week from the receipt of the committee decision.
2. The applicant may include in his appeal additional material for consideration.
3. The Admissions Department will then submit the appeal to the College Dean for a final decision.

13. Distant Learning Policy

13.1 Purpose

This Policy is intended to define the requirements, procedures, assessments, and continuous enhancement methods that must be followed to offer a course in a Distant Learning (DL) delivery mode.

13.2 Scope

This policy shall be applied to all undergraduate and graduate programs at the University of Dubai (UD) that offer course/courses through a DL delivery mode.

13.3 Definition

Distance Learning occurs when students and instructors/researchers are physically located in different geographical locations.

Access to instructional, learning, or research materials are made available through the use of Smart Learning technologies, such as computer-based learning, mobile learning, flipped classroom, and blended learning.

The communication between the students and instructors or research supervisors could be made online, through internet or mobile, off-line, or a mixture of both.

Blended learning (BL) uses online educational practices and may involve students spending a significant period of their studies away from the University to undertake a project, conduct a fieldwork or research, either independently or under the auspices of another organization.

13.4 Distant Learning Software

All programs at UD that offer courses through a DL delivery mode, are required to use the following software available at UD:

1. Moodle

2. Zoom

13.5 Requirements and Procedures

1. All undergraduate and graduate programs that wish to offer courses through a DL delivery mode, must obtain approval from the Commission for Academic Accreditation (CAA), unless the DL mode of delivery is a mandatory requirement, due to unforeseen circumstances.
2. All instructors who wish to offer DL courses must seek orientation/training from the University IT Center to use the Moodle and/or Zoom software and obtain the necessary hardware.
3. All students who are going to take a DL course must receive proper and sufficient orientation/training from the course instructor and the IT Center.
4. UD shall provide the students access to Moodle and Zoom software but shall not provide any hardware requirements to be used off-campus, such as PCs and laptops.
5. All courses offered through a DL delivery mode, must have a schedule that is approved by the Program Director, the Dean, and the Provost.
6. All instructors who are offering a DL course must be available online during the scheduled time of the DL course.
7. Online office hours must be announced to students, whereby the instructor responds to student questions, in real-time, through Moodle/Zoom, emails, WhatsApp, or other means of communication.
8. The teaching and learning guidelines specified in the syllabus of a regular course that is offered in-class, must be followed when the course is offered in a DL delivery mode.
9. Any changes to the syllabus must follow the University established procedures and must be reviewed by the QA&IE Department to assure compliance with the University and CAA Standards, before it is implemented.
10. Student attendance must be taken regularly during the DL course.
11. Student Assessment in a DL course shall follow the assessment scheme defined in the course syllabus.
12. Tests and exams must be conducted in campus.
13. In some circumstances when tests and exams can't be conducted in-campus, they can be replaced by smart technological methods that are available and proven the integrity of implementing them remotely.
14. Internship and Industry projects, are usually conducted off-campus, but faculty must maintain proper and scheduled communication and follow-up with student through Moodle/Zoom, emails, WhatsApp, or other means of communication. Such communication must be recorded for future reference.
15. Practical assignments and tests/exams that are required to be conducted in a laboratory, must be performed in-campus.
16. If a student could not attend the DL course, perform the required assignments, or take the test/exam, for unforeseen reasons, he/she must send a notification to the Program Director/Dean. In such a situation, the case shall be resolved as per the University regulation regarding absence, taking into consideration the severity of the unforeseen reasons.

17. Student misconduct during a DL course session, shall be treated in accordance with University policies and regulations of student misconduct.

13.6 Continuous Enhancement

1. At the end of the DL course, the QA&IE Department shall assess the effectiveness of the DL delivery mode, to monitor the compliance of the University and CAA Standards and improve teaching and learning.
2. The assessment shall be based on student and faculty feedbacks, analysis of the course file, and other methods as applicable.

14. Withdrawal

14.1 Withdrawal from Courses (without failure)

- A student is permitted to withdraw from one or more courses at a later stage during the semester/term after submitting the appropriate Course Withdrawal form.
- A student must maintain the required minimum number of credits per semester/term (12 for UG. Exceptions need the approval of the Program Director/Dean.
- If the student's load with the planned withdrawal goes below the minimum required, the student is advised to withdraw (without fail) from the semester.
- Withdrawal from courses must occur no later than the 9th week of studies in a regular semester for UG and at about one week after the midterm exam for short semesters, and about 60-65% of the/semester for Master's programs.
- The student must get the approval of his/her academic advisor before applying for withdrawal from the course. The advisor should specify the reason(s) for the student's withdrawal.
- A grade of "W" will be recorded on the student's transcript for the withdrawn course(s).
- A student is not entitled to receive a refund for any such withdrawals.
- A student is not permitted to withdraw from courses beyond the period stipulated in the academic calendar, and the student must complete the course as scheduled.
- The Provost shall consider cases of extenuating nature, in which case, the student shall withdraw from the whole semester not from a single course.

14.2 Registration Hold (both Undergraduate & Master's Programs)

- A student may be permitted to put a hold on his/her registration upon submitting a written request to the Registrar.

- The request will be accepted on condition that the student has been a regular student at UD for at least one semester for undergraduate programs
- The deadline for requesting a hold on registration is normally seven weeks for undergraduate programs prior to the start of the semester but may be extended up to one month from the beginning of the semester if there are urgent circumstances.
- During the entire period of study, the “Registration Hold” status must not exceed two consecutive semesters or four separate semesters for undergraduate programs and two consecutive terms or four separate terms for Master’s programs. This includes the semesters/terms from which the student has withdrawn without failure.
- The accepted hold periods will not be counted as part of the duration of study.
- The list of all students who have requested “Registration Hold” will be forwarded to the Deans by the Registration Department every semester.

14.3 Discontinuation (from both Undergraduate & Master’s Programs)

- A student who does not register for a particular semester/term and fails to make a request for Registration Hold is considered “Discontinued” in the Registry’s records.
- A Discontinued student is liable to financial penalties if he/she apply for re-admission (Or re-registration).
- If the student’s “Discontinued” status exceeds two semesters/terms (continuous or separate) for undergraduate or Master’s programs, then the student’s registration status will be considered “Cancelled.”
- The discontinued periods will be counted as part of the student’s duration of study.
- “Cancelled” students must apply for re-admission if the interruption of study period does not exceed 7 years for UG and 3 years for Master’s programs.

14.4 Withdrawal from Semester

- A student may request to withdraw from the semester at any time.
- If the request is approved by the Director/Dean, the student must withdraw from all registered courses. A “W” grade will be reported for these courses.
- The semester /term will be considered as Registration Hold.
- The refund policy stated in the Tuition and Scholarships Policy shall apply.

14.5 Withdrawal from the University

- A student may request to withdraw from the University or to cancel his/her enrollment at any time during the year.
- The student must first withdraw from all registered and incomplete courses during that semester/term. A “W” grade will be reported for these courses.
- The student must complete the “Withdrawal Clearance” Form and obtain signatures from the concerned Director/Dean.

- Withdrawn students will also be required to complete the “Discontinuing Students’ Exit Survey” which forms a basis for continuous improvement at UD.
- The refund policy stated in the Tuition and Scholarships Policy shall apply.
- A withdrawn student may be re-admitted to UD

14.6 Dismissal from the Program – Undergraduate

A student may be dismissed from the program in the following cases:

- Exceeded the number of permissible academic warnings / probations.
- Exceeded the maximum allowable duration of study listed in this policy.
- Failed a course three (3) times for (UG)

Exceptions may only be granted by the President upon the recommendation of the Provost.

15. Tuition Fees & Scholarships

15.1 Schedule of Tuition and other fees Jan.2023 til Dec.2023

Cost Description		
A.1 Tuition Fee for BBA / BS / LLB	Local Students (AED)	International Students (USD)
Regular Students (per 3 CH)	6,090	-
Visiting (Short course) (per 3 CH)	6,930	1,890
A.2 Tuition fee for Electrical Engineering CE	Local Students (AED)	International Students (USD)
Engineering Courses (per 1 CH)	2,415	-
Visiting Engineering students - General Education Course (per 3 CH)	6,930	
Visiting Engineering students - Engineering Courses (per 1 CH)	2,730	
A.3 Remedial Courses for all programs -Fee per course - discount is not applicable		
Foundation IELTS preparation (15-week)	6,090	
Advanced IELTS preparation (15-week)	6,090	
Pre-Math	6,090	-
Pre-Arabic	6,090	-
Pre-English	6,090	-
Pre-Physics	7,245	-
A.4 Internship/Industry Project for BBA / BS / LLB	Local Students (AED)	International Students (USD)
Regular Students	12,180	-
Visiting (Short course)	13,860	3,780
A.5 Internship/Industry Project for Electrical Engineering CE	Local Students (AED)	International Students (USD)
Regular Students	10,500	-
Visiting (Short course)	11,865	
A.6 Tuition fee for Lab courses		
ITGN 115, ITGN 120, ITGN 230, ITGN 315, ITGN 350, BBUS 215, BBUS 400, GPHY 100, GPHY 150, ENAP 150, ENMA 200, ENDD	= AED 1,000 /per Course	

200, ENEC 200, ENEL 250, ENSS 300, ENMP 300, ENCS 300, CECN 400, ENPR 401, ENPR 402				
Regular Students		6,090+1000 =7,090	-	
Visiting (Short course)		=6,930+1,000 =7,930	2,160	
A.7 International Student Exchange Program as per MoUs		-	As per MoUs or \$1,350	
C. Miscellaneous Fees (Non-refundable)		(AED)	(USD)	
C.1	Transfer Application Fee (Refundable after Course Registration)	300		
C.2	Admission Fees (includes Student ID card)	500	200	
C.3	Re-Admission Fee	1,200		
C.4	English Placement Test (first time & each time a test is repeated)	300	See Notes	
C.5	Math Placement Test (first time & each time a test is repeated)	300		
C.6	Change of Concentration / Major	500		
C.7	Replacement of a lost ID	100		
C.8	Registration Fees - Fall/Spring	1,000		
C.9	Registration Fees - Short semester	500		
C.10	Late Registration Fee (per course)	1,000		
C.11	Late Registration Fee (Internship)	1,000		
C.12	Student Activity Fees - Fall/Spring	200		
C.13	Student Activity Fees - Short semester	100		
C.14	Returned check (maximum 2 chances) - First time free of charge	750		
C.15	Postponement of post-dated cheque	250		
D. Miscellaneous Course Related Fees (Non-refundable)		(AED)	(USD)	
D.1	Change of Major (after 45 Credit Hours)	500	See Notes	
D.2	Application for Incomplete/Make-up Exam (Mid-term/Final exams)	1,000		
D.3	Certificate / Letter (To Whom it May Concern)	100		
D.1	Transcripts	100		
D.5	Application for Reviewing Final Exam Sheet	500		
D.6	Professional Fee/Other - On time fee applied to Engineering Students	500		
D.7	Issuance of Degree Certificate Fee	350		220
D.8	Re-issuance of Degree Certificate	2,000		300
D.9	Attestation of True Copy Certificate	100		
D.10	Financial & Accounts statement's printing fee	100		See Notes
D.11	Graduation Fee*	2,000		
D.12	Course Syllabus - print & stamp fee (per course)	100		
D.13	Technology Fee (once only - at the time of enrollment)	700		

The university reserves the right to increase tuition fees up to 10% per academic year when deemed necessary³.

³ Notes to UD tuition fee and scholarship

- Miscellaneous fees (in AED) are applicable to International Students as well.
- Revised fees are applicable to new students registered for Fall 2017 onwards.
- Student Exchange Program fees are as per MoUs or \$1,250, whichever is lower.
5% VAT is applicable to the above given prices.

15.2 Discount policy

D. Discounts for all programs (not applicable for short course/visiting students)*		Percentage
D.1	UAE/GCC nationals	10%
D.2	For students working in: Government Departments	10%
D.3	Relatives (brothers/sisters/husband/wife)	10%
D.4	Employees of UD/DCCI	50%
D.5	UD Alumni and Sons/daughters/sister/brother of UD Alumni	10%
D.6	GPA of > 3.60 at the end of semester/term	20%
*the maximum discount permissible per student is 30%.		

15.3 Special Discount

New Students with 90% or above high school score will be entitled to get 50% discount on their tuition. Students are required to maintain a CGPA of 3.6 or above to continue receiving such discounts.

Continuing Students with CGPA \geq 3.6 are eligible for 20% on the semester tuition fees (with the CAP of 30%).

15.4 Scholarships

15.4.1 High school merit scholarship

New students joining UD directly after High School with a score of 90% and above will receive a 50% discount on tuition fees.

15.4.2 Need-Based Scholarship

The need-based scholarships are awarded to students experiencing great difficulties meeting their financial obligations to UD. Need-based scholarships are subject to availability. Students are requested to contact the Students & Alumni Affairs (SAA) for eligibility and award details.

15.4.3 Alumni and Friends of the University of Dubai scholarship

The Alumni and friends of the University of Dubai offer two types of scholarships: incoming freshmen Scholarship and Student Leader Scholarship. The scholarships are granted based on established guidelines developed by the UD Alumni Association and administered by UD. For more information, please contact the Alumni Affairs office.

15.4.4 Other scholarships

Other scholarships are also available from governmental, private institutions or individuals. Such scholarships are normally granted on a merit base with certain stipulations.

15.5 Late registration Fee Policy

The registration fee also applies to visiting students during the regular and short semesters. Continuing students, who fail to register during the regular registration time period, as announced in the academic calendar, will be charged an additional late registration fee per course. This additional fee does not apply to added courses (replaced during Drop & Add period or just added to complete registration) during the Drop & Add period.

15.6 Installment/Deferred Payments Policy

- *Graduation fee is subject to change

The maximum number of installments is four during fall/Spring semesters and two during Winter/Summer semesters. At the time of registration students are required to pay for at least one course and all applicable registration and activity fees by cash, current check or credit card. Any balance remaining must be paid in a maximum of three installments in the form of postdated checks. The last date of the final installment is two weeks before the final exam for fall/Spring semesters and one week before the Winter/Summer semesters end. Cash, checks or credit cards are accepted as payment. Visiting (short course) students may pay their fees by cash, current dated check or credit card; post-dated checks will not be accepted from visiting (short course) students.

15.7 Refund Policy

- Students are refunded 100% of the tuition fees paid if they withdraw during the first week.
- Students are refunded 50% of the tuition fees paid if they withdraw during the second week.
- Students withdrawing after the second week are not entitled to any refund.
- Non-tuition fees are not refundable.
- Tuition fees, as well as other fees paid for Winter/Summer semesters, are not refundable once paid - as explicitly stated in the registration form signed by the student.
- Tuition fees might be refunded if there is sufficient evidence that the withdrawal is due to health reasons and the case is supported by proper documentation. This exception is subject to the approval of the UD President.

15.8 Insufficient Funds Policy

No checks will be accepted from any student whose checks are returned twice. In this case, only cash and/or credit card payment is acceptable thereafter. It is the sole responsibility of the student to ensure all scheduled payments presented are properly provided for as management will not send reminders to the individual.

15.9 Outstanding Balances Policy

Students with unpaid outstanding balances will have their registration placed on hold and will not be allowed to access any of their records. In addition, they may not be given any letter of recommendation, which is requested during this period.

16. Student Services

Colleges provide students with assistance in academic matters. Faculty office hours and/or electronic access (chat rooms; discussion threads) are provided for students who need academic help.

16.1 Advising

Students have the right to form clubs and organizations that may not be academic in nature but which promote

16.2 Mentoring At-Risk Students

Students with CGPA below 2.0 are considered at-risk. The assigned advisor shall advise the student to retake courses with low performance (i.e. F" & "D" grades) in order to improve the CGPA. At-risk students are not allowed to register for more than 4 courses during fall/spring semesters and not more than 1 course in winter/summer semesters.

Each faculty member may voluntarily choose to provide mentoring for a group of at-risk students within his/ her department. Mentoring includes student assistance, monitoring and progress reporting. At the end of each academic year, faculty members will be recognized for their

achievements monitored through the annual faculty Development Plan. The plan for helping at-risk students (also on probation) includes:

- Hold regular individual meetings with at-risk students.
- Advise at-risk students to repeat courses with grades “D” or less prior to registering in any further courses in order to improve their GPA
- Request at-risk students to visit instructors frequently during office hours.
- Provide at-risk students with peer-support and mentoring from Teaching Assistants (TAs) periodically.

Deans of colleges will request from department chairs/faculty a feedback report on the performance record of each at-risk student from course instructor(s). The progress is monitored through special forms maintained in the college/department.

16.3 Interactive Courses

Students have interactive resources available at the UD Library for out-of-class assistance with course materials and assignments.

16.4 Learning Center

Teaching Assistants are available to assist students who need remedial help or who need more than normal aid to compensate for shortcomings in preparation. Tutoring personnel are able to assist students with it needs. In addition to the Learning center support staff and TA’s, faculty members from the business and it colleges have taken the initiative of having tutoring hours in the learning center.

16.5 Faculty-Student Council

The purpose of the Faculty-Student council (FSC) is to facilitate an open dialogue between student representatives (from years 1, 2, 3, and 4) and representatives from the academic staff. Two Faculty-Student councils are established at UD; one for each college (UDDBS/UDCIT). Each FSC also includes a faculty representative from the General Undergraduate Curriculum Requirements (GUCR) department.

Through its regular meetings, the council provides constructive forums whereby students can voice their concerns, have them discussed and addressed (whenever possible). These concerns can be related to issues and/or suggestions pertaining to:

- Teaching & assessment methods
- Classroom management
- Curriculum
- Class schedule
- Computing facilities, etc.

16.6 Internship

UD’s ICDC unit of UD provides this service to the students who require to undergo Regular Internships as part of their Bachelor Degree program. Some of the companies offer sponsorship opportunities providing students with a monthly allowance and other benefits such as internship and employment opportunities during and after university studies through their coordination with UD Students via ICDC.

16.6.1 Regular Internship

The purpose of Regular Internship is to provide students with practical experience in an organizational setting where learning and doing are the chief objectives. Regular internship is a twelve weeks training

period in a relevant position at workplace. it is mainly undertaken by non-working students as well as students with less than two years of work experience. The Regular Internship is offered

- to such students who completed 114 Credit Hours with a CGPA minimum of 2.25 (for Business Degree students)/2.0 for Computer Information Systems Students
- during the Fall & Spring semesters with working hours from either from 8.00/8.30AM to 2:00/230PM.

16.6.2 Industry Project

Industry project is designed exclusively for working students with minimum of two years of work experience. The purpose of this course is to provide the working student an opportunity to develop competence in applying learned theories and gained skills to an actual business problem or issue. A student will undertake a supervised project to tackle an existing Business/IS problem at his organization, explore possible causes of the problem, alternative solutions, and assess the effect(s) of each solution on the organization. Alternatively, a student may develop and document a business case dealing with an actual organizational problem that the organization managed to identify and solve it. Each student will present orally the result of his/her project in addition to a written report.

16.7 Internship Exchange

The University of Dubai has internship exchange agreements with its partner universities. Registration for internship abroad is done through the ICDC.

16.8 International Internship Placement

International Internship placement is secured by partner universities in coordination with the ICDC.

16.9 Career Counseling

Individual and group counseling appointments are available to help students to:

- Obtain a self-assessment of interests, personality and values, activities, exploration of career and occupational information through the use of computer software, System for Interactive Guidance and Information (SIGI 3).
- Learn to explore educational and career alternatives and develop career decision-making skills.
- Relate educational experiences to career planning decisions and academic qualifications to work opportunities.
- Perform well at an interview by arranging mock interviews with HR experts from the business community.
- Develop additional career-building skills such as resume and cover letter writing, interview techniques and job search strategies etc.

In addition to the counseling sessions, SIGI 3, an interactive career planning tool which combines thoroughly researched information about occupations, work-related values, interests, personality types, skills and educational programs is readily available for all students to use.

16.10 Career Workshops

A variety of career development and job search workshops are conducted throughout the year.

Career Resource File/Career Library

The career library contains a comprehensive collection of up-to-date career-related material and information (books, DVDs, career assessment software, flyers, occupational handbooks, etc.). Besides

this, ICDC publishes various statistical reports on salaries, job satisfaction and market expectations every year. These resource materials can be viewed at the ICDC webpage <http://www.ud.ac.ae/academics/internship-careers/career-services-to-students>

16.11 Job Placement

ICDC unit organizes Company presentations, Job Fairs, providing UAE/GCC Countries based Public/Private Organizations' Job listings (from the contacts it has developed with the organizations) for part-time or full-time jobs.

As a primer to Job Fairs for the On- Campus Interviews, ICDC coordinates with the companies for the conduct of a short presentation to introduce the company, its products and services along with the current opportunities UD students and recent UD graduates can apply. To enable online access through the UD Students and UD Alumni (through their respective student's/Alumni's username and password and clicking on Job Search)) the current and latest job postings Information is made available through both on and off-campus jobs employing

- UD's CAMS software interface, and,
- UD's intra email

A mini Job Fair, Open days are held at the university premises to offer prospective employers an opportunity to meet UD students face-to-face for their recruitment needs; in addition to the companies being provided with opportunity to promote their products and services via their marketing paraphernalia and corporate giveaways, if any.

Furthermore, the university is also equipped with a video conference facility to enable off-site interview sessions.

ICDC has signed Memorandum of Understanding with several organizations such as Enoc, Emirates NBD Bank, Dubai World, Citi Bank, Dubai Municipality, Mashreq Bank, the National Human Resource Development and Employment Authority "Tanmia" etc. to enhance opportunities within UD for UAE national students and graduates. In addition, the center has developed an effective network of contacts by partnering with various local recruitment firms, thus creating more opportunities for UD students from other nationalities as well.

Since, the Prospective employers look for intelligent, committed young people who have the required enthusiasm and zeal to prove their capability, The UD's ICDC unit, throughout the year, provides opportunity to have interviews with a number of organizations to its students & Alumni.

16.12 Student Conferences/Business Plan Competitions/International Trips

ICDC makes students aware of local and international student conferences, summits and seminars and encourages participation. The center also acts as a liaison between organizers and UD students providing assistance in the application process and follow-up when necessary.

UD students are regularly invited to participate in various business plan competitions locally and internationally. This is a good platform for UD students to experience a different form of experiential learning, compete and meet other students from local and international universities and enhance the spirit of competition. The ICDC facilitates the whole process from promoting the event, coordinating with the organizing body of the business plan competition to providing administrative and technical support to students in ensuring their successful participation.

The ICDC coordinates with organizing institutions for participation of students in local and international trips with the purpose of further enhancing the learning and instilling a deeper understanding and appreciation of other cultures' initiatives and sustainable development programs.

16.13 Student Clubs

Students have the right to form clubs and organizations that may not be academic in nature but which promote camaraderie and congeniality among the members. The formation of clubs and organizations is regulated by the Department of Student Services.

At the center of UD's support for UD Students, social and cultural programs is our commitment to education. To support our belief that education is our future, UD's Student Services Unit: SAA organizes several social and cultural events to further its goal of promoting relations between UD and the community. The university conducts vibrant and extensive social and cultural programs.

The majority of events are hosted in UAE and sometimes outside UAE to raise UD students' awareness with other cultures.

Although not very exhaustive, some of the several Events organized by UD's Student Services unit SAA with the support of various students' clubs/cultural groups of UD, are as below, but not limited to:

- UAE National Day celebration
- Ramadan Iftar gathering
- International Festival
- Barbeque trips
- Desert safari
- Beach parties
- Sports tournaments
- Talent Night
- Orientation Day – Bida'yaat
- Health awareness programs
- Health screening programs
- Community service programs
- Other Social & Cultural events

The purpose of UD's commitment to such events, as above, is threefold:

- break down barriers between cultures and celebrate diversity in different ways;
- provide students with an opportunity to meet classmates, staff, and faculty and make new friends;
- learn something new and have fun.

16.14 Professional Clubs/Bodies

The ICDC has created the local chapter of two distinguished Honor Societies, the International Honor Society of Beta Gamma Sigma (BGS) and the Society for Advancement of Management (SAM).

Students can join BGS if they fall under the following categories:

- Third year students in their second semester belonging to the top 10% of the class
- Fourth year students belonging to the top 10% of the class.

Students, who would like to share their management expertise, develop and promote new management ideas, and define and guide management thinking into the future are eligible to join SAM.

The above is in addition to the Student Professional Body Affiliations of international repute such as IEEE, USA and others for which UD Faculty act as liaison between the Professional Body and the UD Students to promote an all-round professional development among UD students.

16.15 UD Alumni Association

UD strives to maintain and strengthen its ties to all its alumni members by involving them in its various educational events and activities. UD is also committed to offering life-long career advice, job placement, as well as networking opportunities to its alumni. The University of Dubai Alumni Association (UDAA) was established in May 2007, thus providing one association for all UD graduates. A UD alumnus is anyone who has graduated from UD regardless of where s/he lives or what s/he studied. UDAA membership is free and alumni need only keep their address and employment records up-to-date with Alumni Relations.

16.16 UD Sports and Recreational Programs

Intramural activities offer an opportunity for students to compete against their peers in a friendly environment. In our events, we emphasize sportsmanship and fair play. The intramural sports schedule includes, but is not limited to, football, basketball, bowling, billiards, and foosball tournaments. UD sports clubs compete against higher education institutions as part of the Higher Education Sports Federation, which consists of colleges and universities in Dubai and around the UAE.

16.17 University of Dubai Student Council (UDSC)

To develop a sense of belonging, foster an independent, UD's Student Services Unit: SAA promotes a pro-active and responsible student body that provides a range of social, cultural, sporting and recreational activities in which students can not only participate but sharpen their Even organizational skills.

The UDSC election is held in the beginning of each academic year (September/October) through UD's student services unit: SAA.

16.18 Volunteering Programs

UD, to promote a positive impact on the community and improve the quality of life for others, provides opportunities to its students, staff and faculty via a participation in several social and public events that help raise the awareness of UD fraternity including its students who learn different perspectives of service to community.

16.19 Health Services

The Health Center is part of SAA and is open from 10:30 a.m. to 7 p.m., Sunday to Thursday. The center is staffed by a registered nurse who provides first aid and health advice in accordance with professional standards and practices. Serious cases are referred to doctors and/or local hospitals.

For Minor ailments such as: headaches, not feeling well, or wish discussing any health related issue, one can walk into the Health center and see the nurse immediately.

Confidentiality: Anything you discuss with the nurse will stay confidential; without concerned individual's permission and nothing will be communicated to parents, family, or friends.

16.20 Safety and Security

In case of emergency whilst on UD premises, report it directly at the Security Reception (Ground Floor), if you are out of the buildings you will need to call the Security on 04-5566800 and inform them of any situation you could be facing. Any object likely to be considered a threat to the safety of the UD establishment must not be brought into UD buildings; students are encouraged to report any health and safety concerns or suspicious behavior immediately to some security personnel.

16.21 Fire Drills

Practice fire drills may be carried out to create awareness amongst students, staff and faculty in the unlikely event a fire breaks out. Students are requested to follow instructions of the concerned personnel when drills are conducted.

16.22 Other Services

16.22.1 Lost and Found

In case of the loss of personal belongings, students should report to SAA using the appropriate form. If students find items that do not belong to them, found items can be submitted to the Security Desk on the ground floor or to SAA. At the end of each semester, unclaimed items will be disposed of at the discretion of the university.

16.22.2 Transportation Services

Bus service to students is outsourced to accommodate the transportation needs of the students. This will depend on a pre-determined minimum number of 10 students requesting this service.

16.22.3 Services for Students with Disabilities

The goal of the University of Dubai is to ensure a comprehensively accessible university experience where individuals with disabilities have the same access to facilities, programs, opportunities and activities as all others.

16.22.4 Bookstore

The book store offers a range of materials such as textbooks, literature, magazines, newspapers and Stationery.

16.22.5 Student Lounge

Located on the 1st floor, the student lounge plays an essential role in the daily life of UD students. It is a place where students gather to relax and socialize with friends.

16.22.6 Prayer Rooms

Men's and women's prayer rooms are located on the 1st and 2nd floors. In most cases, evening lectures have a 20 minutes break for prayer, which is a part of the regular class break.

16.22.7 Recreational Facilities

UD has rented athletic facilities at Emirates Aviation campus (next to UD) as well at HCT Dubai campus for football pitch and with a football coach. In addition, UD has commence a basketball training league. UD is opening the door for the sports talented students and provide them with support whenever requested/needed. UD involve students to take part of the Higher Education Sport Federation Tournament "HESF", Dubai Marathon and Table Tennis Tournament (which takes place at UD premises). UD has a plan to establish its own sports complex in the coming years.

17. Student Rights and Responsibilities

At the University of Dubai (UD), the educational process is a collaborative venture between the university as the education provider and students as the recognized beneficiaries. Without the intentional engagement of students, little, if any, learning will take place.

17.1 Student Rights

17.1.1 Freedom of Expression

Freedom of Speech not only includes the right to express or disseminate information and ideas, but also the right to seek, receive and impart information and ideas. Moreover, there should be no University rule or policy that in any way abridges the rights of freedom of speech, expression, petition or appeal.

17.1.2 Free Speech in Cyberspace

Students have the right to express themselves in technology platforms and social media such as email, blogs, creating webpages or hosting a chat room. These platforms, however, must be regulated by the University to ensure that no abuse or profane language is used.

17.1.3 Dress Code

Students have the right to dress as they wish as long as they conform to the standards stipulated by the dress code of the University of Dubai.

17.1.4 Freedom of Religion

Students have the right to practice their religion individually so long it does not disrupt educational activities or interfere with the rights of others.

17.1.5 Learning Environment

Students are entitled to have access to faculty offices (during office hours), classrooms, laboratories, the library, all types of academic technology, as well as open presentations, and other resources necessary for the learning process.

17.1.6 Equal Protection and Discrimination

All students have the right to equal protection. This means students have the right to be free from discrimination at UD. No student may be denied an equal educational opportunity or discriminated against because of:

- Race
- National origin
- Religion
- Color
- Gender
- Economic status
- Physical, intellectual or sensory handicap

17.1.7 Harassment

Harassment on the basis of gender, race, color, national origin, disability or religion is a type of discrimination and is prohibited. Students must report any form of harassment immediately to the Department of Student Services for immediate action. Harassment can come in various forms, including:

- Assaults or unwanted touching
- Theft or vandalism
- Threats of bodily injury
- Unwanted sexual advances
- Derogatory comments, slurs, or gestures

17.1.8 Right to Privacy

Students have the right to have their academic and medical records kept confidential. UD is not permitted to share any of this information unless prior written consent is given by the student.

17.1.9 Students' Records: Privacy and Access

Students have the right to privacy and are allowed access to their academic and personal reports and records, such as academic grades, disciplinary actions, attendance records, test scores and health records. In certain cases, UD may disclose your records without prior consent to third parties such as:

- School officials who have "legitimate educational interests"
- Legal authorities in compliance with a court order
- Financial aid providers who have requested financial records
- Accreditation bodies
- Potential employers

17.1.10 The Right to Education

Students have the freedom to study subjects that concern them and to form conclusions for themselves and express their opinions.

17.1.11 Class Attendance

The student has the right to be informed about the UD attendance policy and how to follow up on his attendance status on a regular basis.

17.2 Students' Responsibilities

- Students play an important active role in the creation of high quality education. They cannot be passive, nor can their participation be superficial.
- The outcomes of the learning process in the form of projects, assignments, papers, presentations, examinations and other demonstrations of learning should show clear evidence of significant student engagement.
- In-depth learning requires performance over time and continued accumulation of knowledge and skills. Short-term experiences and engagement with the subject matter should not make up the whole of students' experiences.
- Students need to acknowledge their responsibilities to their fellow students by actively participating in group learning experiences.
- Students who fail to shoulder the above responsibilities and take up challenging tasks are considered inappropriate for the purpose of fulfilling the course learning objectives.

17.3 Code of Students Conduct

The University of Dubai (UD) is keen to ensure a university culture characterized by intellectual and personal honesty, social integration, ethical behavior and respect for the rights of the individual. UD also expects its student to be self-disciplined in both their approach to studying and in their general conduct and behavior. The Code of Student Conduct is designed to promote this culture at UD and hence sets out the standard of conduct

17.3.1 Code of Conduct During Examinations

A student whose absence in a particular course reaches 25% or more does not qualify to take any exams thereafter.

Duties of qualifying students inside the exam hall include:

- a) Students are supposed to enter the exam hall 10 minutes before the start of the exam so that they may start on time. Students, who arrive late, but before the exam's half-way point, will be

allowed to take the exam. However, no extra time will be allowed for late-comers. Students are not permitted to enter the exam hall after the half-way point (from the official starting time).

- b) Students must present their UD Identification Card (or any official/authentic photo ID) when signing to record their attendance at the exam. A student who fails to show an appropriate form of photo identification is not permitted to take the exam.
- c) Students are not allowed to leave the exam hall before the half-way point of the exam.
- d) Mobile phones are strictly prohibited during mid-term, and final exams (including make-up exams). Any telephone seen during any of these exams will result in an (F) in the course, with no question, reason or even investigation.
- e) Students must carry their own calculators for exams that require use of calculators. Students caught borrowing or lending calculators during exams will fail the course.
- f) Students are not permitted to wear a sun hat (baseball cap) during the exams. Anyone refusing to take off their hat when requested to do so will be dismissed from the exam room.
- g) Prayer during exams is not allowed.
- h) Students are not permitted to go to the bathroom during exams unless they can produce a medical report to prove there is a genuine medical reason for them to be allowed to do so.
- i) All kinds of digital or electronic diaries, and dictionaries and advanced calculators with text saving options are forbidden in the exam hall.
- j) Students must not bring notebooks, text books, and/or class materials into the exam hall.
- k) Students must not violate the examination code of conduct and must adhere to the instructions received from the invigilators, including being asked to change seats.

Any actions such as talking, whispering, looking at other students, or any cheating or attempts to cheat will not be tolerated and will result in sanctions as shown in sections Academic and Non-Academic Misconduct.

17.3.2 Code of Conduct for Student Organizations

Any violation committed by student organizations, will result in individual or collective sanctions whenever such violations occur, regardless of whether they take place on UD premises or during any off-campus activities. Officer members are also held responsible whenever members commit violations based on prior consent from officers. In the event of any violation, officers are required to take appropriate measures to avoid and prohibit recurrence of similar acts.

17.3.3 Code of Conduct During Internship

The interns are expected to act in a professional and ethical manner that makes the employer want to host interns from UD in the future.

The Code of Conduct for the Internship Program is set to specifically address the issues and concerns regarding the behavior and attitude of interns during their internship program. Interns are expected to act in a professional manner at all times and must abide by the rules, policies and procedures of the University of Dubai, the host company and the city/country of work placement. Failure to adhere to the stipulations in this Code of Conduct shall result in either revoking one's internship and/or academic suspension or probation.

- Work Ethics
- Absenteeism - Students are allowed a maximum of 5 days (excused) absence due to any of the following reasons:
 - An accident (involving the student) to be supported by a police report.
 - Student accompanying the parent/family member for medical treatment/ emergency supported by the patient's medical certificate attested by the Ministry of Health.
 - A sickness condition supported by medical certificate attested by the Ministry of Health.

- A death of an immediate family member supported by the death certificate. (A family member refers to father, mother, brother, sister, wife, husband, son, daughter, aunt, uncle, grandparent, cousin, niece and nephew).
- Any other absence(s) beyond the above stated 5 days will automatically result in a grade of “F” irrespective of the reasons.
- Tardiness - Students are expected to be punctual at all times. However, following situations are unavoidable and can be excused:
 - An emergency/life and death situation for which the student must submit supporting documents duly attested by the concerned agencies (e.g. police report, medical certificates etc. as stated in 1 above)
 - Interns who will be late must inform their field supervisors at least 15 minutes prior to their scheduled work.
- Any unexcused tardiness of more than 5 times is equivalent to 1 day of absence
- Compliance - Interns are expected to comply with the field supervisor’s instructions at all times. This ensures a smooth workflow and a productive transfer of knowledge and learning experience. Acts of disobedience and abandonment of internship post will be seriously regarded and result in failing the internship program.
- All students who travel with University of Dubai’s International Professionalism
- Interns are expected to be in their best professional behavior/conduct/appearance at all times during the internship program as they represent the University of Dubai.
- Interns must familiarize, adhere and comply with the set rules, regulations, policies and procedures of the host company, the University of Dubai, the directives set forth by the Internship and Career Development Center, and the assigned Academic Supervisors.
- Interns must display initiative and foresight to work with minimum supervision and flexibility in a diversified workplace.
- Interns must be proactive and display strong leadership and team – working skills.
- Interns must possess good writing, verbal and listening skills
- Interns should dress appropriately at work at all times. Some companies require that interns come to work in corporate attire or local dress while others are comfortable with casual clothing. Interns must take note of the dress code of the company so as not to offend or be put in an embarrassing situation.
- Interns must maintain a highly professional and business – like manner of communication. The use of abusive, vulgar or profane language is not allowed.
- The use of illegal drugs, alcohol and weapons is strictly prohibited. Under no circumstance will this be allowed and anyone caught doing so will be dealt with the corresponding disciplinary action.
- The use of violence, inflicting harm, threatening and coercing co-workers at the work place is strictly prohibited.
- Discourtesy and rudeness whether verbal, physical or visual harassment is not allowed.
- Any damage, loss, theft or destruction to property in the workplace is the sole responsibility of the intern. The intern must compensate/indemnify for items lost or damaged be it accidental or intentional in nature.
- Conducting personal business over the phone, internet or email is not allowed unless doing so is part of an assigned internship task wherein prior approval by the field supervisor has been given.
- Engaging in acts of impropriety, personal and/or sexual harassments in the workplace is absolutely prohibited.
- Academic Honor Code - Participating in the Internship Program requires dedication and commitment on the part of the students. Students are expected to approach their internship with an openness to learn, grow, develop and take criticism in a positive manner. In order to successfully complete the Internship

17.3.4 Code of Conduct during the Program (including Internship)

Program students must adhere to the stipulations of the Code of Conduct and refrain from practicing any of the following acts:

- Plagiarism is:
 - submitting a paperwork that is not of your own without proper referencing the source.
- Cheating is:
 - Submitting the work of others and claiming it as your own.
 - A person assisting the person in the act of cheating is also guilty of the same offense.
 - Fabrication is falsifying or inventing any information, data or citation that was not gathered in accordance with the standard guidelines.
 - Bribery.
 - Tampering/falsifying of records, certificates and official documents.
 - Disciplinary Action - In the event that a student violates the Internship Code of Conduct, a written report will be required from the Academic Supervisor and the Director of Student and Alumni Affairs. This report will be submitted to the UD Investigation Committee who in turn will investigate and submit its recommendation to the university President.

The following disciplinary actions shall be implemented for violating the Internship Code of Conduct:

- Warning Letter - For first time violations, a warning letter is sent to the intern clearly specifying that any repetition whether of the same offense or not, will be dealt with a more severe sanction / disciplinary action.
- Withdrawal and Failure from the Internship Program - Intern is withdrawn from the internship depending on the following severity of the case:
 - Repetition of the same violation.
 - Resulting in the defamation of the University's reputation.

17.4 Code of Conduct during an International Trip

All the students who travel with University of Dubai's International trips are expected to maintain the highest standards of professional conduct and integrity, in addition to complying with all University policies and procedures. Some salient features of this code are provided below for ready reference.

- Take responsibility for your actions at all times. Students traveling overseas for any cultural or educational experience are subject to full penalty of the laws of the host country. Neither The University of Dubai nor the United Arab Emirates embassy can protect students from the legal consequences of actions committed overseas.
- Do not harm the reputation of the University of Dubai by any form of irresponsible behavior.
- Respect cultural differences. This includes observing the proper etiquette in business/social settings, e.g. being punctual for appointments, not speaking out of turn, etc.
- Respect the privacy rights of members of the community by avoiding all forms of intimidation, including sexual and physical harassment.
- Refrain from causing physical injury to yourself and others. Students will be held financially and legally responsible for any and all damage they inflict upon other persons.
- Refrain from causing damage to real or personal property of others. Students will be held financially and legally responsible for any and all such damages.
- Preserve the quality of facilities that you may visit or reside at during your travels.
- Do not leave the city of destination for any personal excursions or trips.
- Do not operate any motorized vehicles.
- Do not participate in risky/dangerous activities.

- Do not violate laws whether they result in arrest or not.
- Do not to deviate from the group flight (i.e. arrive or leave the sites on their own).
- Follow the trip leader guidelines, directives, timetables and instructions avoiding any disorderly, disruptive, threatening, or intimidating conduct, gestures, or actions.
- Commit to the trip program and be always on time.
- The consumption, possession or distributions of alcohol is absolutely prohibited and is a violation of the Code of Conduct. Additionally, any team members visibly under the influence of alcohol will be considered in violation of the Code of Conduct.
- Curfew for team members will be as set by the trip leader. In exceptional circumstances, the trip leader may change the curfew.
- Custody or usage of any drugs other than those prescribed by a doctor (provided that Doctor's prescription should be available with you all time) is prohibited. Team members are reminded of the consequences that could result from prosecution of a drug-related offense in a foreign country. Report to the trip leader if you are following any doctor's prescription.
- Dress for the occasion and taking into account your environment and the purpose of your attendance at the convention. Wear comfortable shoes. You'll be on your feet most of the time.
- Failure to abide to any of above mentioned rules set by the University of Dubai Code of Conduct & Responsibilities will result in disciplinary actions, which could include (but is not limited to) disciplinary sanctions and expulsion from the University.

17.5 Jurisdiction on the Code of Student Conduct

University disciplinary action for violation of the Code of Student Conduct is taken for misconduct that occurs in the following areas or situations:

- University controlled property.
- University-sponsored activities either on UD premises or off-campus.
- Functions or events organized by university-sponsored organizations or recognized student organizations.

17.6 Dress Code Policy

Dress code is based on the appreciation for values and ethics and the respect and for the culture and religion of the UAE. It is not hard to follow and will make students' presence in campus more pleasant one and will help them avoid causing any offence to their colleagues from many nationalities and religion. Respecting dress code does not only ameliorate the quality of student's life, but also beautifies the overall campus image. On this basis, UD students are expected to dress neatly at all times.

17.7 Smoke Free Campus

Consistent with the UD's objective of creating a healthy environment for all its stakeholders, smoking is forbidden at all times on the University campus, including its classrooms, escalators, underground parking, halls and corridors, private offices, toilettes, etc.

Signs are posted at each floor of the building and displayed in visible areas to inform all students that smoking is prohibited. This policy applies to all UD students. It is the responsibility of all members of the University community to comply with this policy. Failure to do so, students will be exposed to disciplinary action.

17.8 Non-compliance of the Code of Student Conduct: Sanctions and Repeat Offenses

Student violations will be referred to the SIC committee who will in turn recommend appropriate disciplinary sanctions. A sanction refers to a decision made by the SIC in response to any student action not in compliance with the Code of Student Conduct and which is thus considered a violation. Sanctions should be proportionate to the nature, severity and regularity of the violation(s). These sanctions may fall into one or more categories, as described in Disciplinary Sanctions box. Students with repeat offenses receive higher penalties – see Repeat Offenses box.

Any evidence related to the violation(s) is kept with the SIC committee till the release of the SIC report (including cheat sheets ...). If a student manages to hide the instrument used for cheating, or the invigilator suspects there has been a possible violation but can't see the instrument used, then the invigilator has the right to privately frisk the suspected student. This may be done only in the presence of a witness and both have to be of the same gender as the student. For all such cases, a hearing must be held in order to hear all parties involved and to recommend disciplinary action, if deemed appropriate, according to the outlined UD procedures.

An informal resolution may be achieved when the violation is minor and can be resolved between the respondent and a Faculty/Dean/Director.

17.9 Breach of the Code of student conduct: Disciplinary Sanctions

17.9.1 Warning Letter

In the event Faculty/Dean/Director find that the violation is not of a kind likely to cause harm to another person in the UD community, a confidential warning letter is sent to the respondent concerned declaring him/her to be in breach of the Code of Student Conduct and demanding that he/she cease the prohibited behavior forthwith. The complainant shall be notified by the Dean/Director that the respondent has been warned, but that no public disclosure shall be made. The complainant shall be advised that the initial decision is strictly confidential. But a copy of the warning letter must be sent to the Chair of SIC for records by the Dean/Director.

17.9.2 Failing a Course

The respondent receives an "F" in a certain course and may not be allowed to attend classes for this course for the rest of the semester. This sanction is appropriate when the respondent repeatedly violates the classroom code of conduct. It is also appropriate when the student objects to the invigilator's instructions during an exam.

Re-offence leads to 'Suspension 12K(v).'

17.9.3 Failing a Semester

The SIC committee may choose to fail the respondent in all courses currently registered in. This is also the penalty for 'Repeating Courses (b).'

17.9.4 Registration Hold

The respondent may not register in any courses, or receive any transcripts or access any of his/her records until s/he clears up the reasons for which s/he received this sanction. This is applicable when the student

has outstanding payments for damage to UD property, or the respondent failed to attend the SIC hearings.

Other penalties are applicable in these cases as well, as specified in sections Academic and Non-Academic Misconduct

17.9.5 Suspension

The respondent is prevented from attending or registering in any courses at UD for one or more regular terms as deemed appropriate by the SIC committee after approval by the UD President. This is appropriate when verbal aggressiveness or similar offenses were committed against any member of the UD community, intentional damage was done to UD property or where defamation of the university has occurred. Such offenses are listed in Sections Academic and Non-Academic Misconduct.

17.9.6 Expulsion

The respondent is permanently barred from attending any courses or events at UD.

17.9.7 Disciplinary Probation

Disciplinary probation can be given to a respondent who previously received a disciplinary warning letter or committed any violation that led to any of the above sanctions, except "Registration Hold." The SIC committee may also recommend disciplinary probation for any other cases that it considers grave enough to deserve this sanction. When a respondent is on disciplinary probation, s/he shall not represent the university in any capacity (sports teams, competitions, etc.), nor hold office in the UD Student Council or any other student organization.

17.9.8 Other Sanctions

When deemed appropriate, other "educational sanctions" may be imposed by the SIC in combination with any of the above-listed sanctions. The respondent may be requested to participate in a community service project, attend a seminar, meet with the student counselor or undertake a research assignment, for example.

17.9.9 Repeat Offenses

- Failing a semester

The second time a student receives this sanction, s/he will get suspension for one semester. Any courses taken outside during suspension will not be transferred at UD. The third time will lead to expulsion.

- Suspension

The second suspension will be for two semesters while the third will lead to expulsion.

- Disciplinary Probation

The first offense during the disciplinary probation period will lead to a suspension for one semester. A second offense during the disciplinary probation leads to a second suspension for two semesters while any further violation will lead to expulsion.

18. Student Grievance Policy and Procedures

The University of Dubai (UD) recognizes the rights of its students to express dissatisfaction or make complaints about processes or services provided by the University. UD is committed to continuous improvement and ensures that complaints and expressions of concern are analyzed to improve academic and administrative services. Hence, this process provides a formal mechanism to resolve grievances of students at UD.

18.1 Discipline and Grievance Procedures

Each student subject to disciplinary action arising from violations of the University Student Code of Conduct is assured a fundamentally fair process.

Students are obliged to respect and obey UD rules and policies while on campus or when representing UD in the community. UD respects all students' fundamental rights, including the rights to free speech and freedom of religion.

- Before UD can expel or discipline a student for violating its rules, the student has the right to "due process," or fair procedures. This means, except in emergencies, before you are excluded from class, or suspended or expelled, you have a right to know what you are accused of doing and what rule you are accused of breaking.
- You also have the right to an opportunity to tell your side of the story. When the sanctions are more severe, such as long-term suspensions or expulsions, you have a right to a more formal hearing process where you can present your case and challenge the sanction UD wants to impose.

18.2 Student Discipline Process

This policy is established to set the student responsibility in maintaining civilized campus that promotes healthy academic environment where safety, mutual respect to the university stakeholders are emphasized and encouraged.

UD as one of the highly reputed academic institute of higher learning wishes to produce high intellect students with disciplined moral standing. As UD encourages safe and healthy environment to achieve this, UD established guidelines and regulations. UD student is obliged to behave respectfully to others, the university's assets and to its stakeholders. UD faculty, staff and other members are expected to report any students' violations.

In order to introduce students to the value of respecting UD campus and preserving its assets and environment, an awareness campaign will be conducted with the following controls:

- Closed-circuit television (CCTV) 24 hours a day /7 days a week video surveillance is used to monitor the campus.
- Assign no overtaking traffic sign across campus in area not safe for students and for the university assets.
- Issue UD campus violations and their related fines flyer to all students.
- Distribute this flyer to all students when they take their ID card. Maintain a copy in their academic file with their signature.
- Conduct an event day to emphasize on the concept of clean university under the name "Clean our Campus". Participants will include students, UD management, deans, faculty and staff.
- Upload the Campus Violations and Fines on UD screens for a week on a monthly basis.

18.3 Students Campus Violations and Fines at University Of Dubai

18.3.1 Reporting a Student Violation

- Every UD employee is obliged to report any of listed below violation by completing the Student Campus Violation Report Form. This form will be available in UD website and with security officers. The form should be submitted to the Students and Alumni Affairs Department or the UD security officers.
- It is the responsibility of the security officers to monitor the students' behavior inside UD campus and report any student violations by completing the Student Campus Violation Report Form and submitting it to the Students and Alumni Affairs Department.
- All student's campus violations will be documented through students Warning letter issued and signed by the Student and Alumni Affairs Department Director.

18.3.2 Penalties under category (A) violations:

- First violation, student will receive a warning letter issued by the Student & Alumni Affairs Director. This letter will act as initial warning and it will be placed in his/her academic file on CAMS.
- Second violation the student will have to pay related fine. Failure to do that, a financial hold will be imposed on his/her academic file, until the payment is received.

18.3.3 Penalties under category (B) violations:

- First student violation, the student will receive a warning letter issued by the Student & Alumni Affairs Director. This letter will act as initial warning and it will be placed in his/her academic file on CAMS.
- For the second violation, the student will have to pay related fine. Failure to do that, a financial hold will be imposed on his/her academic file, until the payment is received
- If the violation is repeated for the third time, the student will be academically suspended for one academic semester.

18.3.4 Penalties under category (C) violations:

- These are violations of the Student Conduct Code and are subject to disciplinary sanctions by the university. Besides, these violations are reported to the police authority by the UD management.

18.3.5 Categories of Violations

18.3.5.1 Category (A) violations

Violation Description	Fine
Using UD administration meeting rooms	200
Using UD facilities i.e. faculty and staff offices and classrooms on national holidays and after	500
Smoking in Undesignated Areas	200
Disposing & sticking gum on the University furniture, electronics or/and walls	200
Polluting UD campus with trash, cigarettes and leftovers	200
Sitting on UD campus wall or/and balcony	500

Sitting on tables / placing feet on UD furniture.	500
Failure to show student ID card when asked.	250
Eating and drinking outside the designated areas	300

18.3.5.2 Category (B) violations

Violation Description	Fine (AED)
Failure to park the car in designated parking slots	200
Parking in a handicap space	500
Parking on the pavement	250
Car noise within UD campus	500
Driving recklessly inside campus and over UD fences	1000
Writing on UD Campus walls , tables , doors and lockers	500
Damaging, destroying UD campus furniture and electronic devices	Buy new Furniture/ Electronic devices
Damaging UD plants and trees	500
Throwing trash and damaging UD fountain	1000
Damaging the University transportation	Bear the damage cost
Inappropriate behavior between students inside UD campus that disrespect and offend UAE local culture.	500
Being aggressive to UD security officers and/or cleaning staff.	Also, the student will be subject to disciplinary actions as per the Code of Conduct stated in the Student Handbook.
Students who exhibit dangerous behavior to self or others	

18.3.5.3 Category (C) violations

Violation Description	Sanctions
Using, selling, possessing, offering to sell, or furnishing, or being under the influence of, any controlled substance..., any alcoholic beverage, or any intoxicant of any kind.	These are violations of the Student Conduct Code and are subject to disciplinary sanctions by the University. Besides, these violations are reported to the police authority by the UD management.
Possessing, using, storing, or otherwise furnishing any weapon, knife, dangerous chemical, fireworks, explosive, or other dangerous object.	
Causing a traffic accident that endangers the life of UD student, employees and visitors.	

18.4 Grievances

A student has the right to lodge a complaint against a UD staff or faculty if she/he believes that she/he was treated improperly, with negligence, unfairly, or not in accordance with a university policy. In such a case, the petition should include:

- Specification of the UD policy that the student alleges was violated.
- Summary of the evidence and arguments that the student would present at a hearing.

The “General Petition Form” available in the Registrar’s office/Student Services should be filled and submitted to Student Services who will forward the file to the concerned department/college for appropriate action. If the case is not resolved by the unit head within five working days from the

receipt of the petition, the UD President will then form the SIC to find all facts and report its findings to issue a decree in that regard. The petition is an individual complaint and must be signed by one student only and not by a group of students.

18.5 Searches on Campus and Law Enforcement

18.5.1 Searches on Campus

Different rules apply when you are on campus, and the rules are different depending on who is doing the searching – university officials or law enforcement.

A search by a UD official is considered reasonable as long as the official has a *reasonable suspicion* that the search might uncover evidence that you violated a university rule. To conduct a search, a police officer requires a search warrant. Students have the right not to give their consent for a search, however, the primary objective of reaching a resolution must be the utmost consideration when deciding whether to cooperate or not.

18.5.2 Drug Tests

Using and bringing drugs on campus is prohibited. Students have the right to report any suspicious activity to UD management for their own safety and security and for that of others.

18.6 Disciplinary Sanction Appeal

A student may appeal only once a sanction, imposed by the Student Investigation Committee (SIC), only if s/he can provide additional information/new evidences to support his/her case by filling out the “General Petition Form”. The student should submit the form with supporting documents to the Director of Student & Alumni Affairs (SAA) who will forward them to the UD President. Grounds for appeal include:

- Misapplication or misinterpretation of the rule alleged to have been violated.
- Discovery of substantial new facts which were not available at the time of the hearing.
- Disciplinary sanction imposed is grossly disproportionate to the violation committed; this is applicable only when there is no current policy for the violation.
- Procedural errors which are prejudicial and which were committed during the disciplinary meeting or hearing.

If deemed appropriate, the UD President will then form a new committee to look again into the case and submit its findings to him. The student may not appeal the second decision.

19. Student Academic Integrity Policy

The University of Dubai (UD) is keen to ensure a University culture characterized by intellectual and personal honesty, social integration, ethical behavior and respect for the rights of the individual. UD also expects its student to be self-disciplined in both their approach to studying and in their general conduct and behavior.

The Student Code of Conduct is designed to promote this culture at UD and hence sets out the standard of conduct expected of students. Students who violate these standards will be subjected to disciplinary sanctions, according to established penalties as stated below. This will help UD to protect the University community by maintaining order, discipline and stability on campus.

19.1 Student Academic Misconduct

Student Academic misconduct is an academic violation that covers but not limited to plagiarism, misrepresentation, fabrication, facilitation and cheating in exams.

Apart from exam cheating and plagiarism, the decision on whether or not to treat an academic misconduct as a violation of the Code of Student Conduct, is at the discretion of the instructor.

19.1.1 Plagiarism

Plagiarism refers to representing another person's words or ideas as one's own in any academic exercise. The University of Dubai has zero tolerance towards plagiarism (i.e. any portion of a submitted document that contains plagiarism will lead to the appropriate penalty). Every academic submission made by a student should be a work of his own and also not be self-plagiarized. In all cases of plagiarism whether it is blatant or self-plagiarism, students will be held accountable for violation of academic integrity which also includes a penalty for their dishonesty.

19.1.2 Types of Plagiarism

Self: A student's work reproduced more than once for the same course or for other courses without prior permission(s) of the instructor(s) involved is an act of plagiarism. Students should be very careful when quoting or paraphrasing (properly citing material).

Accidental: Every student is required to understand plagiarism as something similar to acts of fraud in the academic community. For this reason, it is the responsibility of the student to make sure his/her work has been checked and properly acknowledged.

Blatant: Student's work reproduced from a fellow student or any other information source intentionally without proper acknowledgement is serious act of plagiarism. Students well of blatantly will lead to the strict penalty that can include non-grading of course work all the way to failing of the course as deemed by the faculty.

UD uses "Turnitin" software in Moodle to detect extent of similarity (through similarity index). Turnitin is used by both students and faculty to support in the learning process to understand the usage degree of the cited research material. The generated origination report from Moodle will support in the process.

For the above objective, Turnitin tool will be used by the faculty for all the graded assignments, exams, projects. The faculty has the right to make final decision in regards to the students' grades work in

determining the student work integrity based on the criteria and the faculty awareness of the student's work level.

Students must ensure complying with UD plagiarism policy, repeated offenses receive higher penalties as stated in the table below:

Violation		Sanction(s) (Refer to II.A)
i.	Turnitin distinguishes <u>similarity</u> as matching text and <u>plagiarism</u> . Turnitin system will compare the paper to any matching text in Turnitin databases and highlight accordingly – even if the text was properly referenced. As to, identifying substantial non-original material (citation, quotes, reference) it is the faculty member duty to determine each student's paper as intentional plagiarism by referring to originality report in Turnitin (instead of blindly depending on similarity index). If such non-original material (citation, quotes, references) identified by the faculty member as "intentionally plagiarized and /or has improper/lack of citation in student's work as in the origination report, then punitive action needs to be taken by the instructor.	2, 6
ii.	Paraphrasing (i.e., putting into one's own words) a source's text, without providing proper acknowledgment/citation.	1, 2
iii.	Reproducing (without proper citation) any other form of work created by another person.	1, 2

Misrepresentation

Violation		Sanction(s) (Refer to II.A)
i.	Taking credit for work not done, such as taking credit for a team assignment without participating or contributing to the extent expected.	1, 2
ii.	Multiple uses of a student's own work, such as presenting the same, or substantially the same written work (or portion thereof), as part of the course requirement for more than one project or course, without the prior written permission of the instructor(s) involved.	1, 2

Fabrication

Fabrication refers to falsifying or misusing data in any academic exercise.

Violation		Sanction(s) (Refer to II.A)
i.	Falsifying data collected in the conduct of research.	1, 2
ii.	Making up or presenting falsified data in papers, manuscripts, books or other documents submitted for publication or as course or degree requirements.	1, 2
iii.	Making up a source as a citation in an assignment.	1, 2
iv.	Citing a source that the student did not use or <u>does not exist</u> .	1
v.	Falsifying material cited.	1, 2
vi.	Attempting to deceive the instructor by altering and resubmitting for additional credit, assignments that have previously been graded and returned.	1, 2
vii.	Falsifying, changing, or misusing academic records or any official University form regarding oneself or others.	4 & 5
viii.	Failing to be fully cooperative and truthful if one has direct knowledge of an alleged violation of academic integrity.	4 & 5

ix.	Making a false accusation regarding a violation of academic integrity or other.	5
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Facilitation

Facilitation refers to knowingly or intentionally assisting any person in the commission of an academic integrity violation.

Violation		Sanction(s) (Refer to II.A)
i.	Giving another student one's assignment or paper (or a portion thereof) to copy.	1,2
ii.	Giving another student answers to an assignment.	1,2
iii.	Passing information or answers to another student in an exam (or assignment), or passing information on exam/quiz content to students from other sections of the same course.	1,2

Exam Cheating

Violation		Sanction(s) (Refer to II.A)
i.	Talking/ whispering during an exam; Communicating, or attempting to communicate, answers, hints or suggestions during an exam.	2 & 5
ii.	Copying (or attempting to) from someone else's exam.	2 & 5
iii.	Using or possessing unauthorized notes, supplemental notes, or other aids (such as an electronic device that contains unauthorized information), during an exam.	2 & 6
iv.	Stealing, obtaining, possessing, or providing to another person (directly or through e-mail or Bluetooth or other device) an exam or portions of an exam, prior to or after administration of the exam.	3 & 6
v.	Attempting to steal, or soliciting an exam or answer key.	5
vi.	Sharing answers or collaborating on a take-home exam without explicit permission from the instructor.	2 & 5
vii.	Attempting to deceive the instructor by altering and resubmitting for additional credit tests, quizzes, or exams that have previously been graded and returned.	2 & 5
viii.	Arranging for another student to substitute for oneself during an examination session or in the completion of course work.	2 & 6
ix.	Accessing unauthorized computer folders/drives during an exam	2 & 5

20. UD's Definition of Credit Hour/Unit

Credit Hour: The measurement unit which defines the student's overall effort towards attaining a qualification. One (1) semester credit equals approximately 1 hour of time in class per week over a semester of 15 weeks or longer.

21. UD's Academic Terminology Definitions

Term	Definition
Concentration	Grouping of courses which represent a sub-specialization taken within the major field of study. For example a student majoring in electrical engineering can take a concentration in communication engineering.
Course	A course consists of a number of instructional activities over a prescribed period of time. It deals with a single subject and is commonly described by title, number, credits, and expected learning outcomes in the institution's Catalog.
Curriculum	The term refers both to the range of courses offered at University of Dubai (UD) consisting of a set of related courses in the area of specialization, such as the computer science curriculum or the civil engineering curriculum
Drop & Add period	Is normally for one week after the start of classes, during a regular semester/term, and for two days only during short semesters.
Major	The major is the field of study in which a student specializes at the baccalaureate level. The term is not typically used in qualifications below the baccalaureate and is only occasionally used in graduate programs
Normal Study Load	For an UG student in "Good" standing ranges from 12 to 18 credit hours in a regular semester, and from 3 to 6 credit hours in a short session
Special / Non-degree Students	Special students are students who have obtained their undergraduate degrees from UAE-accredited universities and who are interested in taking courses of similar or higher levels at UD for credit but not toward a degree
Visiting student	is a student enrolled at another institution who wishes to take courses at UD for transfer back to his/her home university

21.1 Credit Levels

The UD offers programs aligned to the National Qualifications Framework (QFE) of the UAE. The QFE uses a ten-point scale to differentiate between the level of qualifications and their associated titles. The table below shows the ten levels and their associated qualification titles for Vocational, Higher and General education.

21.2 National Qualifications Framework Emirates (QFE)

Level Descriptors: The QFE Level Descriptors consist of the 10 Levels described in the table below and the expected learning outcomes for each level described in five strands: Knowledge, Skills and three Competencies (Autonomy and responsibility, Role in context and Self-development). The ten levels and the five 'strands' of learning outcome statements define the Level Descriptors indicating the complexity of learning for each level, the expected level of achievement for each level and how each level relates to occupations in the world of work.

Level	Generic Name	Vocational Education and Training (VET)	Higher Education	General Education
10	Doctoral Degree		Doctoral	
9	Master Degree	(Applied)Master	Master	
8	Graduate Diploma	Applied Graduate Diploma	Post Graduate Diploma	
7	Bachelor Degree	(Applied)Bachelor	Bachelor	
6	Higher Diploma	Advanced Diploma	Higher Diploma	
5	Diploma/Associate Degree	Diploma	Associate Degree	

4	Certificate	Certificate 4		Secondary School Certificate (G 12)
3	Certificate	Certificate 3		
2	Certificate	Certificate 2		
1	Certificate	Certificate 1		

22. Undergraduate Completion Requirements Policy

22.1 Graduation Requirements

In order to graduate, students enrolled in the undergraduate programs must maintain a cumulative GPA of not less than 2.00 and complete 129 credit hours according to their academic plan within the maximum specified timeframe of seven (7) years.

22.2 Honors System / Academic Distinction

22.2.1 Graduation (Commencement) Honors

Only students who have completed all degree requirements prior to the graduation ceremony are eligible to be considered for degree honors. The categories for academic distinction are based on the following scale which is based on the graduation/cumulative GPA:

- Summa Cum Laude: CGPA \geq 3.90 through 4.0 (Excellent) – with Highest Honors
- Magna Cum Laude: CGPA \geq 3.70 through 3.89 (Very Good) – with Great Honors
- Cum Laude: CGPA \geq 3.50 through 3.69 (Good) – with Honors

This distinction shall appear on the student's transcript and diploma.

22.2.2 Program Learning Outcomes – Alignment with QFE

In every Course of a Program (as well as a Program level too), the program and all the courses of a program are so aligned during the design of the Program & Courses such that the courses within a program and program itself meet appropriate level of the QFE via an appropriate alignment of both the (i)the Program Learning Outcomes (PLOs) and (ii)the Concentration Learning Outcomes (CLOs).

23. General Undergraduate Curriculum Requirements

The General Undergraduate Curriculum Requirements (GUCR) program is designed to enable students to successfully pursue their studies in their majors and to gain general required skills, values and attitudes needed in order to excel in their respective areas of specialization and to broaden their background knowledge in areas outside their major disciplines.

The university requires that all students must complete several credit hours of course work to reach desirable levels of competency and proficiency in important skill areas such as English, mathematics, computer and internet use, information literacy, critical and creative thinking and interpersonal communication skills.

Students are also required to study twelve credit hours consisting of two courses in humanities and social sciences and two courses in natural and applied sciences. The goal of this requirement is to broaden students' knowledge in key areas outside their majors, to emphasize the interdisciplinary nature of knowledge and to reinforce the spirit of inquiry. The GUCR component aims also to inculcate among students, through direct teaching of specific courses and indirectly within all courses, important values and attitudes like tolerance of other cultures and lifestyles, lifelong learning, ethical standards in personal and professional lives and critical awareness of their own cultures and societies.

23.1 GUCR Program Learning Outcomes

Upon successful completion of the General Undergraduate Curriculum Requirements students will be able to:

1. Read and write English at a level demonstrating efficient and competent function at university/workplace level.
2. Communicate effectively and think critically and analytically.
3. Apply and interpret mathematical concepts and models.
4. Use information technology effectively.
5. Demonstrate understanding and appreciation of the contribution of humanities, and social, natural and applied sciences to human experience.
6. Plan their future directions and demonstrate awareness of the socio-cultural norms and relationships.

24. Sequencing of Courses in Programs

24.1 Bachelor of Business Administration

A typical sequencing of the courses each Bachelor's Program is as given below:

Accounting

Semester (1) – Fall - 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 225	Research Methods	BSTA 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
BFIN 200	Principles of Financial Management	BACC 205	3	GCMM 105	Communication Skills (English)	ENGL 105	3
				BFIN 305	Corporate Finance	BFIN 200	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BECN 225	Macroeconomics	BECN 100	3	BECN 250	Money and Banking	BECN 225	3
BMNG 310	Production and Service Operation Management	BBUS 200	3	BMRK 200	Principles of Marketing	None	3
BACC 301	Cost & Managerial Accounting	BACC 210	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BACC 313	Intermediate Accounting 1	BACC 210	3	BACC 314	Intermediate Accounting 2	BACC 313	3
BACC 307	Accounting Information Systems	BBUS 210	3	BBUS 350	Business and Society	60CH	3
					Natural and Applied Science	None	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 12CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 305	Business Law	ESPU 200(Co-req)	3	BBUS 400	Strategic Management	105CH	3
BMNG 315	International Business Mgmt	BMNG 200	3	BACC 416	International Accounting	BACC 314	3
BACC 427	Taxation	BACC 314	3	BACC 435	Auditing	BACC 307 BACC 314	3

BACC 420	Financial Statement Analysis & Valuation	BFIN 305	3	BACC 465/470	Internship OR Industry Project	111C.H.	3
	Humanities and Social Science	None	3				
	Natural and Applied Sciences	None	3				

Entrepreneurship

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emarati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCOMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 15CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science		None	3	BECN 250	Money and Banking		BECN 225	3
BFIN 305	Corporate Finance		BFIN 200	3	BMRK 200	Principles of Marketing		None	3
BBEM 300	Principles of Entrepreneurship		63CH	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BSCL 301	Supply Chain Operations		BMNG 310 (Co-req)	3	BFIN 335	Entrepreneurial Finance		BFIN 305	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	BMNG 445	TQM & Continuous Improvement		BMNG 310	3
					BBUS 350	Business and Society		60CH	3
Semester (7) – Fall – 18CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 305	Business Law		ESPU 200(Co-req)	3	BBEM 402	International Entrepreneurship		BMNG 315	3
BMNG 315	International Business Mgmt		BMNG 200	3	BBUS 400	Strategic Management		105CH	3
BBEM 303	New Products & Services Development		BBEM 300	3	BBEM 307	Managing Venture Growth and Transition		BBEM 310	3
BBEM 310	Family Business		BBEM 300	3	BBEM 465/ 470	Internship OR Industry Project		111C.H.	3
	Humanities and Social Science		None	3					

	Natural and Applied Sciences		None	3				
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HRM

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emarati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCOMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 18CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science				BECN 250	Money and Banking		BECN 225	3
BFIN 305	Corporate Finance		BFIN 200	3	BMRK 200	Principles of Marketing		None	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BHRM 301	HR Training and Development		BMNG 301 (co-req)	3	BHRM 307	Financial Impacts of HR strategies		BMNG 301, BACC 210	3
BMNG 301	Human Resource Management		BMNG 200	3	BHRM 303	Employment LAW & legal aspects		BMNG 301, BBUS 305	3
BBUS 305	Business Law		ESPU 200(Co-req)	3	BBUS 350	Business and Society		60CH	3
Semester (7) – Fall – 15CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science		None	3	BBUS 400	Strategic Management		105CH	3
BMNG 315	International Business Mgnt		BMNG 200	3	BHRM 406	International HR management		BHRM 303	3
BHRM 404	Strategic HRM (capstone)		BMNG 307	3	BHRM 408	Employee Relations		BHRM 303	3
BHRM 402	Performance Management Compensation and Employee Benefits		BMNG 301	3	BHRM 465/470	Internship OR Industry Project		111C.H.	3
	Humanities and Social Science		None	3					

Finance & Banking

Semester (1) – Fall - 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 225	Research Methods	BSTA 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
BFIN 200	Principles of Financial Management	BACC 205	3	GCOMM 105	Communication Skills (English)	ENGL 105	3
				BFIN 305	Corporate Finance	BFIN 200	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science	None	3	BECN 250	Money and Banking	BECN 225	3
BECN 225	Macroeconomics	BECN 100	3	BMRK 200	Principles of Marketing	None	3
BMNG 310	Production and Service Operation Management	BBUS 200	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BACC420	Financial Statements Analysis & Valuation	BFIN 305	3	BFIN 317	International Finance & Banking	BFIN 305	3
BACC 301	Cost & Managerial Accounting	BACC 210	3	BFIN 335	Entrepreneurial Finance	BFIN 305	3
				BBUS 350	Business and Society	60CH	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 12CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 305	Business Law	ESPU 200(Co-req)	3	BFIN 412	Managing Investment Portfolios	BFIN 408	3
BMNG 315	International Business Mgmt	BMNG 200	3	BBUS 400	Strategic Management	105CH	3
BFIN 408	Investments Analysis	BACC420	3	BFIN 437	Risk Management	BFIN 305 BFIN 408	3
BFIN 431	Management of Banks & Other Financial Institutions	BFIN 305	3	BFIN 465/470	Internship OR Industry Project	111C.H.	3
	Humanities and Social Science	None	3				
	Natural and Applied Sciences	None	3				

Management

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emirati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCOMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 15CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BFIN 305	Corporate Finance		BFIN 200	3	BECN 250	Money and Banking		BECN 225	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	BMRK 200	Principles of Marketing		None	3
BMNG 303	Advanced Organisation Behavior		BMNG 200	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BBEM 300	Principles of Entrepreneurship		63 C.H	3	BMNG 311	Management of Service Operations		BMNG 310 (co-req)	3
BMNG 301	Human Resource Management		BMNG 200	3	BMNG 445	TQM & Continuous Improvement		BMNG 310	3
						Natural and Applied Science		None	3
Semester (7) – Fall – 18CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 305	Business Law		ESPU 200(Co-req)	3	BBUS 350	Business and Society		60CH	3
BMNG 315	International Business Mgmt		BMNG 200	3	BBUS 400	Strategic Management		105CH	3
BMNG 423	Leadership Development		BMNG 301	3	BMNG 416	Emerging Issues in Management		96 C.H	3
BMNG 424	Change Management		BMNG 423 (co-req)	3	BMNG 465/470	Internship OR Industry Project		111C.H.	3
	Humanities and Social Science		None	3					
	Natural and Applied Sciences		None	3					

Marketing

Semester (1) – Fall - 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BECN 225	Macroeconomics	BECN 100	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 225	Research Methods	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	GCMM 105	Communication Skills (English)	ENGL 105	3
				BMRK 200	Principles of Marketing	None	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science	None	3	BECN 250	Money and Banking	BECN 225	3
BFIN 305	Corporate Finance	BFIN 200	3	BMRK 310	Professional Selling	BMRK 200	3
BMRK 301	Marketing Management	BMRK 200	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BMRK 321	Consumer Behavior	BMRK 200	3	BMRK 303	Marketing Channels	BMRK 301	3
BBUS 350	Business and Society	60CH	3	BFIN 200	Principles of Financial Management	BACC 205	3
					Natural and Applied Sciences	None	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 12CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 305	Business Law	ESPU 200(Co-req)	3	BBUS 400	Strategic Management	105CH	3
BMNG 315	International Business Mgnt	BMNG 200	3	BMRK 416	Advertisement and Promotion	BMRK 321	3
BMRK 412	Marketing Research	BMRK 321, BBUS 225	3	BMRK 465/ 470	Internship OR Industry Project	111C.H.	3
BMRK 432	Service Marketing	BMRK 301, BMRK 321	3	BMRK 428	International Marketing	BMRK 412, BMRK 432	3
BMNG 310	Production and Service Operation Management	BBUS 200	3				
	Humanities and Social Science	None	3				

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emirati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 15CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science				BECN 250	Money and Banking		BECN 225	3
BFIN 305	Corporate Finance		BFIN 200	3	BMRK 200	Principles of Marketing		None	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BSCL 301	Supply Chain Operations x		BMNG 310 (Co-req)	3	BSCL 304	Warehousing and Materials Handling x		BSCL 301	3
BSCL 311	Strategic Procurement and Sourcing x		None	3	BSCL 402	Transportation and Distribution x		BSCL 301	3
					BBUS 350	Business and Society		60CH	3
Semester (7) – Fall – 18CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science			3	BBUS 400	Strategic Management		105CH	3
BMNG 315	International Business Mgmt		BMNG 200	3	BSCL 404	SCLM Technologies & Inform Systems x		BBUS 215, BSCL 301	3
BMNG 445	Total Quality Management and Continuous Improvement x		BMNG 310	3	BSCL 406	Modeling & Simulation of Supply Chains		BSCL 301	3
BSCL 307	Global Supply Chain Strategy and Design		BMNG 315	3	BSCL465/470	Internship OR Industry Project		111C.H.	3
BBUS 305	Business Law		ESPU 200(Co-req)	3					
	Humanities and Social Science		None	3					

Customs

Semester (1) – Fall - 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BECN 225	Macroeconomics	BECN 100	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 225	Research Methods	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	GCMM 105	Communication Skills (English)	ENGL 105	3
				BFIN 200	Principles of Financial Management	BACC 205	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science	None	3	BECN 250	Money and Banking	BECN 225	3
BFIN 305	Corporate Finance	BFIN 200	3	BMRK 200	Principles of Marketing	None	3
BMNG 310	Production and Service Operation Management	BBUS 200	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BCUS 200	Customs Theory and Practice	None	3	BCUS300	International Agreements on Trade and Customs	BCUS 200	3
BCUS 310	Customs Valuation and WTO Valuation Agreement	None	3	BCUS210	HSN Classifications and Customs Tariff	None	3
				BBUS 350	Business and Society	60CH	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 15CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science		3	BBUS 400	Strategic Management	105CH	3
BMNG 315	International Business Mgmt	BMNG 200	3	BCUS 400	Customs Procedures & Trade Facilitation	BCUS 200	3
BCUS 410	Risk Management and Customs Intelligence	None	3	BCUS 430	GCC Customs Law	None	3
BCUS 420	Border Security and Inspection	None	3	BCUS 440	Customs Investigation and Law Enforcement	None	3
BBUS 305	Business Law	ESPU 200(Co-req)	3	BCUS 465/470	Internship OR Industry Project	111C.H.	3
	Humanities and Social Science	None	3				

24.2 Bachelor of Science in Computer Information Systems with Concentration: Information Systems Security

Curriculum

YEAR 1							
First Semester				Second Semester			
Course No.	Course title	Pre req.	Cr. Hr.	Course No.	Course title	Pre req.	Cr. hr.
ENGL 100	English I		3	ENGL 105	English II	ENGL 100	3
GISL 100	Islamic Thought		3	GCMM 100	Communication Skills		3
GMAT 100	Mathematics for Science 1		3	GMAT 105	Mathematics for Science II	GMAT 100	3
ITGN 115	Computer Applications		3	ITGN 120	Internet Applications	ITGN 115	3
	Natural & Applied Sciences		3	GUAS 100	UAE Society	ENGL 100	3
				ITGN 215	Introduction to Information Systems	ITGN 115	3
Semester Cr Hrs Earned			15	Semester Cr Hrs Earned			18
YEAR 2							
BSTA 200	Statistical Analysis	GMAT 105	3	BECN 100	Microeconomics	ENGL 105 GMAT 105	3
BBUS 230	Software Project Management	ITGN 215	3	BACC 205	Principles of Financial Accounting	ENGL 105 GMAT 105	3
	Humanities and Social Sciences		3	BBUS 200	Quantitative Methods for Business	GMAT 105	3
ITGN 230	Introduction to Programming	GMAT 105 ITGN 215	3	ITGN 240	Data Structures and Algorithms	ITGN 230	3
ITGN 235	Principles of Networking	ITGN 215	3	ITGN 250	Database Management Systems	ITGN 215	3
Semester Cr Hrs Earned			15	Semester Cr Hrs Earned			15
YEAR 3							
	<i>Humanities & Social Sciences</i>		3		<i>Natural & Applied Sciences</i>		3
ITGN 315	Object-Oriented Programming	ITGN 230	3	BMNG 200	Management and Organizational Behavior	BACC 205	3

ITGN 335	Systems Analysis & Design	ITGN 250	3	GCRT 200	Critical and Creative Thinking	66 C.H	3
ITGN 345	Information Systems Security	ITGN 235	3	ITGN 340	Human Computer Interface	ITGN 230	3
ESPU 210	English for Special Purpose (Science)	ENGL 105 60 C.H.	3	ITGN 350	Web Design and Development	ITGN 120 ITGN 215	3
				BECN 225	Macroeconomics	BECN 100	3
Semester Cr Hrs Earned			15	Semester Cr Hrs Earned			18
YEAR 4							
ITGN 405	Internship (summer or winter)	96 C.H	3	BMNG 310	Production & Services Operations Management	BFIN 200 BBUS 200	3
ITIS 302	Database Systems Applications	ITGN 250	3	BMRK 200	Principles of Marketing	BACC 205	3
ITIS 411	Artificial Intelligence	ITGN 240	3	ITIS 421	Object-Oriented Analysis & Design	ITGN 335 ITGN 315	3
ITIS 414	Strategic Issues in Information Systems	ITGN 335	3	ITIS 445	Data Warehousing & Mining	ITGN 250	3
BFIN 200	Principles of Financial Management	BACC 205	3	ITIS 440	Computing & Information Systems Project (Capstone)	99 C.H.	3
BBUS 225	Research Methods	BSTA 200	3				
Semester Cr Hrs Earned			18	Semester Cr Hrs Earned			15

24.3 Bachelor of Science in Electrical Engineering with Concentration: Communication Engineering

Curriculum

Course No.	Course Title	Prerequisite	C.H.
1.1 General Educational Requirements (30 CH GUCR)			
ENGL 100	English I	-----	3
ENGL 105	English II	ENGL 100	3
GCMM 105	Communication Skills (English)	ENGL 105	3
GEST 100	Emirati Studies	ENG 100 Co-req	3
GISL 100	Islamic Thought (Arabic) OR	-----	3
GISL 105	Islamic Thought (English)		
EMTH 100	Calculus 1 for Engineering	-----	3
EMTH 150	Calculus 2 for Engineering	EMTH 100	3
EMTH 200	Calculus 3 for Engineering	EMTH 150	3
EMTH 250	Advance Math I for Engineering	EMTH 150	3
EMTH 260	Advance Math II for Engineering	EMTH 250	3
2. Humanities and Social Science Requirements Choose any 1 out of 8 (3 CH GUCR) GIEC105 is a mandatory course as per CAA requirement			
GEDU 100	Education & the Future	ENGL 100	3
GLAW 100	Law & Society	ENGL 100	3
GPSY 100	Psychology & Society	ENGL 100	3
GSOC 100	Sociology & Society	ENGL 100	3
GCUS 100	Culture & Society	ENGL 100	3
3. Natural And Applied Science Requirements (9 CH GUCR)			
GECE 100	Chemistry -1		3
GPHY 100	General Physics -1*		3
GPHY 150	General Physics -2*	GPHY 100	3
4. Supporting CE Requirements (12 CH)			
ENIN 100	Engineering Innovation		3
BMNG 200	Management & Organization Behavior	ENG 100 Co-req	3
ENEE 300	Engineering Economics	EMTH 100	3
GIEC 105	Innovation, Entrepreneurship and Career Planning		3
5. Communications Engineering Core Requirements (64 CH)		* Lab Based Course	
ENAP 150	Computer Algorithms & Programming*	-	3
ENEC 200	Electric Circuits - 1*	EMTH150,GPHY 150	4
ENMA 200	MATLAB*	-	1
ENDD 200	Digital Logic Design*	-	4
ENEC 250	Electric Circuits - 2*	ENEC 200	3
ENEL 250	Electronics - 1*	ENEC 200	4
ENMG 300	Electromagnetics	GPHY 150,EMTH 250	3
ENSS 300	Signals & Systems	EMTH 150, ENEC 250	3
EECS 300	Control systems	ENSS 300	3
ENPR 300	Probability & Random Process	EMTH 150	3
ENCS 300	Communication Systems*	ENSS 300	4
ENEL 300	Electronics - 2*	ENEL 250	3
ENMP 300	Microprocessors*	ENDD 200	4
ENDP 350	Digital Signal Processing	ENSS 300	3

CECN 400	Communication Networks*	ENCS 300,ENPR 300	3
CEAP 400	Antenna & Propagation	ENMG 300,ENSS 300	3
CEDC 400	Digital Communications	ENCS 300	3
CEIC 400	Information Theory & Coding	CEDC 400	3
ENPR 401	Graduation Project - 1*	≥ 102 CH	3
ENPR 402	Graduation Project - 2*	ENPR 401	3
ENIN 400	Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program	≥ 99 CH	1
6. Major Technical Electives (Communications Engineering) Choose 4 out of 6 (12 CH)			
CEOC 400	Optical communications	ENCS 300	3
CEWC 400	Wireless Communication	CECN 400	3
ENES 400	Embedded Systems	ENMP 300	3
CESC 400	Satellite Communication	ENCS 300	3
ENAI 400	Audio and Image Processing	ENDP 350	3
ENCE 400	Special Topics in Communications & Electronics	ENCS 300	3

24.4 Bachelor of Science in Electrical Engineering with Concentration: Power and Energy

BS in Electrical Engineering Power Engineering Flowchart																			
College of Engineering & Information Technology (CEIT)																			
Year 1	EMTH 100 Calculus I (3-0-3)	GPHY 100 General Physics I* (2-3-3)	ENGL 100 English I (3-0-3)	GECE 100 Chemistry I (3-0-3)	ENIN 100 Engg Innovation (3-0-3)		15												
	EMTH 150 Calculus II (3-0-3)	GPHY 150 General Physics II* (2-3-3)	ENGL 105 English II (3-0-3)	HSS Req (3-0-3)	ENAP 150 Comp Algor. & Prog* (2-3-3)		15												
S1	GISL 100/105 Islamic Thgth (A)/E (3-0-3)						3												
Year 2	EMTH 200 Calculus III (3-0-3)	EMTH 250 ADV MATH I (3-0-3)		ENMA 200 MATLAB (0-3-1)	ENDD 200 Digital Logic Design* (3-3-4)	ENEC 200 Electric Circuits I* (3-3-4)	15												
	BMNG 200 Mgmt & Org Behavior (3-0-3)	EMTH 260 ADV MATH II (3-0-3)	GCMM 105 Comm Skills (3-0-3)		ENEL 250 Electronics I* (3-3-4)	ENEC 250 Electric Circuits II (3-0-3)	16												
S2	GUAS 100 UAE Society (3-0-3)						3												
Year 3		ENSS 300 Signals & Systems (2-3-3)	ENPR 300 Prob & Rand. Proc. (3-0-3)	ENMP 300 Micro - P* (3-3-4)	ENEL 300 Electronics II* (2-3-3)	ENMG 300 ElectroMag. (3-0-3)	16												
	ENEE 300 Engineering Economics (3-0-3)	BBUS 350 Business & Society (Ethics) (3-0-3)	ENCS 300 Comm Systems* (3-3-4)	EECS 300 Control Systems (3-0-3)	ELCE 340 Power & Machines (2-3-3)		16												
S3	Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program						1												
Year 4		ELPE 400 Power System Analysis (3-0-3)	ELPE 401 Power Distribution and Smart Grid Systems (3-0-3)	Technical Elective 1 (3-0-3)	Technical Elective 2 (3-0-3)	ENPR 401 Graduation Project -1 (1,6,3)	15												
		ELPE 402 Power System Stability and Control (3-0-3)	ELPE 403 High Voltage Engineering (3-0-3)	Technical Elective 3 (3-0-3)	Technical Elective 4 (3-0-3)	ENPR 402 Graduation Project -2 (0,9,3)	15												
Total No of Credits							130												
General Education	Math Requirement	15 Credits	36 Credits	Humanities and Social Science Requirements															
	English Requirement	9 Credits		GCEX 100	Career Exploration														
	Science Requirement	9 Credits		GEDU 100	Education & the Future														
	Humanities & Social Science	3 Credits		GLAW 100	Law & Society														
	Cultural Requirement	6 Credits		GPSY 100	Psychology & Society														
	Supporting CE	12 Credits		GCI 100	Contemporary Intl Issues														
	Communication Engg Core	64 Credits		GCUS 100	Cult. & Society - Thai Society														
	Technical Elective	12 Credits		GCUS 100	Cult. & Society - Chinese Society														
Total		130 Credits																	
Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program**		Summer Block	≥ 90 Credits																
Notes & Comments:																			
<p>* Lab Based Courses ** Students must be in good academic standing. The students must successfully finish: ENIN 100, BMNG 200, ENDD 250, ENEC 200 (ENEL 300 - desirable) before starting the first GT/LEAP.</p>																			
<p>Technical Electives</p> <table border="1"> <tr><td>ELPE 404</td><td>Electric Drives</td></tr> <tr><td>ELPE 405</td><td>Power Electronics</td></tr> <tr><td>ELPE 406</td><td>Power System Protection</td></tr> <tr><td>ELPE 407</td><td>Renewable Energy Systems</td></tr> <tr><td>ELPE 408</td><td>Industrial Instrumentation</td></tr> <tr><td>ELCE 400</td><td>Artificial Intelligence</td></tr> </table>								ELPE 404	Electric Drives	ELPE 405	Power Electronics	ELPE 406	Power System Protection	ELPE 407	Renewable Energy Systems	ELPE 408	Industrial Instrumentation	ELCE 400	Artificial Intelligence
ELPE 404	Electric Drives																		
ELPE 405	Power Electronics																		
ELPE 406	Power System Protection																		
ELPE 407	Renewable Energy Systems																		
ELPE 408	Industrial Instrumentation																		
ELCE 400	Artificial Intelligence																		

25. Undergraduate Course Descriptions

25.1 General Undergraduate Curriculum Requirements

GIEC 105 Innovation Entrepreneurship and Career Exploration

This course is a Stanford-informed approach to learning innovation and entrepreneurship that can be applied to any high-growth enterprise or other organization in the UAE

Co-requisite: English 105 or equivalent; Semester offered: 1 & 2

ENGL 100 English I

The purpose of this course is to further develop the ability of students to read and write English. It aims to enlarge their vocabularies, enrich their knowledge of ways to express ideas and reduce the number of mistakes that students make when writing English. It also teaches principles of organization used in essays and other written documents in English.

Prerequisite: TOEFL 500 or equivalent; Semester offered: 1 & 2

ENGL 105 English II

This course continues the process of developing students' abilities in reading and writing English, concentrating particularly on the language of business and information technology. It aims to enlarge their vocabularies and enrich their knowledge of ways to express ideas. In writing, students develop skills in finding, analyzing and summarizing information from source readings and learn how to acknowledge sources.

Prerequisite: ENGL 100 or IELTS 6 overall, TOEFL 550 or equivalent; Semester offered: 1 & 2

GMAT 100 Mathematics for Science I

This course is designed for students whose major is in science and information technology. It covers calculus I material including trigonometric functions and inverse trigonometric functions, transcendental functions, concepts of limits and continuity, differentiation, integration and their applications.

Prerequisite: GPRM 022 or Placement Test Score ≥ 400 ; Semester offered: 1 & 2

GMAT 105 Mathematics for Science II

This is a second course designed for students whose major is in science and information technology. It focuses on: Binary numbers, fundamentals of Logic, Boolean algebra, permutations and combinations, infinite sequences and series, vectors and matrices, multivariable functions and their applications.

Prerequisite: GMAT 100; Semester offered: 1 & 2

GMAT 110 Mathematics for Business I

This course is designed for students majoring in Business. It includes mathematical topics such as, quadratic functions, exponential and logarithmic functions, systems of linear equations and augmented matrices, Gauss – Jordan elimination, matrix Algebra and their applications in business and economics.

Prerequisite: GPRM 022 or Placement Test Score ≥ 400 ; Semester offered: 1 & 2

GMAT 115 Mathematics for Business II

This is a second mathematics course designed for students majoring in Business. It includes topics such as Permutations and combinations, probability theory, algebra limits, average rate of change, and derivatives of functions, optimization and their applications in business and economics.

Prerequisite: GMAT 110; Semester offered: 1 & 2

ITGN 115 COMPUTER APPLICATIONS

The purpose of this course is to offer an in-depth knowledge of computer applications. Coverage includes word processing, spreadsheets, presentation and database packages. Students learn advanced functions of these applications and the way they are applied in a modern office setting.

Prerequisite: None; Semester offered: 1 & 2

ITGN 120 INTERNET APPLICATIONS

The purpose of this course is to develop the skills necessary to utilize the power of the Internet for information display and retrieval. The course introduces students to the Internet technology concepts and web programming and authoring tools that can be used to develop Internet applications. Through a focused hands-on approach student will develop interactive web pages.

Prerequisite: ITGN 115; Semester offered: 1 & 2

GISL 100 ISLAMIC THOUGHT (ARABIC)

This course examines Islam, its belief system, sources of legislation, and social and ethical values. Also, the course discusses topical issues such as the Islamic economic system, Islamic philosophy, as well as Islam and science, human rights, women and gender, secularism, globalization, terrorism, the environment, and bioethics.

هذا المساق يركّز على الإسلام، معتقداته، مصادر شريعته، وقيمه الاجتماعية والأخلاقية. وكذلك يناقش المساق قضايا موضوعية، مثل الاقتصاد الإسلامي، الفلسفة الإسلامية، الإسلام والعلم، حقوق الإنسان، وضع المرأة في المجتمع الإسلامي، الإسلام والعلمانية، العولمة، الوسطية/التطرف، البيئة وسائر القضايا الأخلاقية-البيولوجية.

Prerequisite: None; Semester offered: 1

GISL 105 ISLAMIC THOUGHT (ENGLISH)

The purpose of this course is to provide the student with the necessary knowledge of Islamic thought and contemporary issues. The course will focus on the individual and his social surroundings and ethics which Islam emphasizes. It will enable the student to discuss and understand the concepts of Islam and its applicability to business, social and economic aspects. It also focuses on the common issues with other religions.

Prerequisite: None; Semester offered: 1

GEST 100 EMIRATI STUDIES

His course aims to enrich awareness of Emirati culture and identity amongst students. It covers studies in the history and geography of the Emirates. The course focuses on the culture, social customs and laws of the country. The coverage also includes in-depth analysis of contemporary social, economic and cultural developments and challenges of the Emirates.

Prerequisite: ENGL 100 (Co-req); Semester: 1 & 2

ESPU 200 ENGLISH FOR SPECIAL PURPOSES (BUSINESS & SCIENCE)

This course aims to ensure that students are equipped with adequate vocabulary to study business subjects at university level, and to read textbooks/articles about business and Islamic finance topics found in newspapers, magazines and websites. It also aims to develop skills in written communication in business contexts.

Prerequisites: ENGL 105 or ENGL 120; Semester offered: 1 & 2

25.2 Humanities and Social Science Requirements

GUAG 100 UAE GOVERNMENT

This course is an introductory route on learning about the governments' types and its hierarchy with emphasis on the UAE Government (Federal and Local Government). It introduces student to the federal government and local government entities. It also gives an insight on the structure of federal and local government of the UAE. The course aims at providing students with an insight on the responsibilities of the federal and local governments, including The Federal National Council (FNC) and its election process. It also aims at expanding student's knowledge on understanding Government-related strategies plans, policies and regulations. Additionally, it enriches their awareness on the federal / local government entities role, mandate and services to UAE citizens.

Prerequisite ENGL 100; Semester offered: 1 or 2

GCUS 100 CULTURE AND SOCIETY

The purpose of this course is to introduce students to specific aspects of social and cultural life. Selected topics will be studied to illustrate how particular modes and perspectives of cultures and society are applied to real life case studies. These topics will include; culture, fieldwork methods and techniques, adaptation, language, kinship, descent and marriage, culture and personality and applied anthropology.

Prerequisite: ENGL 100; Semester offered: 1 or 2

GABU 100 ARABIC FOR BUSINESS

This course deals with the development of Arabic language skills (listening, speaking, reading and writing) through writing and presenting academic research, and workplace communications. The student will work on these activities in class, with commitment to the criteria for language accuracy. There will be additionally be a focus on the development of critical thinking and research skills with special focus on the use of technologies and other suitable methods.

Prerequisite: None offered: 1 or 2

GPSY 100 Psychology & Society

To provide the opportunity to acquire comprehensive knowledge of human behavior and the social context in which human being exists. The coverage includes a wide range of theories in psychology, social psychology, human social behavior, child development, cognitive development, interpersonal relations, mental illness parenting and other issues that enhance students understanding of human behavior to the real world.

Prerequisite: ENGL 100; Semester offered: 1 or 2

GSOC 100 Sociology and Society

The purpose of this course is to introduce the fundamental theories and research methods used by sociologists and other social scientists to understand major social problems and phenomena. The coverage includes theories of social interaction, social stratification and inequality, social institutions, family, religion, government and the economy, communities, population and the environment.

Prerequisites: ENGL 100; Semester offered: 1 or 2

GLAW 100 Law and Society

The purpose of this course is to provide necessary knowledge and basic understanding of the UAE legal system, an individual's interaction with the commercial environment and the commercial entities which exist in the UAE.

Prerequisite: ENGL 100; Semester offered: 1 or 2

GEDU 100 Education & the Future

This course is designed to introduce students to current and emerging educational practices and technologies by focusing on the changing nature of mankind's relationship to information and knowledge. The purpose of this course is to explore the likely impact of various educational technology scenarios and changes in education practices have on education, society and the lives of ordinary people.

Prerequisite: ENGL 100; Semester offered: 1 or 2

GTOR 100 Leisure & Tourism in a Contemporary Society

The purpose of this course is to develop students' understanding of the growing importance of leisure and tourism in the contemporary UAE. It is a broad-based unit, which focuses primarily on society and the social dimension of leisure, encouraging students to understand the structure and organization of leisure and tourism and their role in the economy and their socio-cultural and environmental implications. Prerequisite: ENGL 100; Semester offered: 1 or 2

25.3 Natural and Applied Science Requirements

GSUS 200 SUSTAINABILITY

This course provides students with an introduction to concepts and practices of sustainability. The content focuses on how companies can become more sustainable through its processes, customers, production systems and products. It examines ways to improve and implement sustainable practices through waste elimination and resource extension. Students will understand the financial, environmental and social impacts of sustainable practices.

Pre-requisite: ESPU 200; Semester offered: 1 or 2

GHSO 100 Health and Society

The course will focus on the development of health education over time and its effect on society. It will enable students to understand the concepts of general health related to society. The course will cover: health and disease, public health, sciences related to public health, health care and health education sports.

Co-requisite: ENGL 100; Semester offered: 1 or 2

GBIO 100 Biotechnology

This course explains the basics of biotechnology. It describes the structure and function of genes and their role in the modern technology tools. It also elaborates the applications of gene technology in the human uses, environment, and food and agriculture areas.

Co-requisite: ENGL 100 or ENGL 110; Semester offered: 1 or 2

GHUB 100 Human Biology

The purpose of this course is to provide students with the necessary knowledge of the human body and biology. The course will focus on the human body and its related systems. It will enable students to understand the concepts of human physiology and the operations of its systems. The coverage includes: the human body in general, the physical composition, the bodily systems and the senses.

Co-requisite: ENGL 100; Semester offered: 1 or 2

26. Dubai Business School and CEIT Course Description

26.1 Supporting Business Requirements

GCM 105 Communication Skills (English)

The purpose of this course is to present an overview of the foundations of human communication, with particular emphasis on the principles and practices necessary to establish and maintain effective professional and business relationships. The course covers the elements, principles and goals of communication. It deals with developing the skills of interpersonal, small group and public communication in the workplace.

Prerequisite: ENGL 105 or ENGL120; Semester offered: 1 & 2

BECN 100 Microeconomics

The purpose of this course is to familiarize students with the essential microeconomics tools to 1) study how consumers and businesses make decisions in the face of resource scarcity, 2) examine how their interactions in the market determines prices and quantities of goods, and 3) assess the efficiency of markets in the presence of government influence and under different market structures. It is hoped that as a result of taking this course, students will develop an appreciation of the economic way of thinking about real-world problems and develop interest in pursuing a career in economics.

Prerequisite: GMAT 110; Semester offered: 1 & 2

BECN 225 Macroeconomics

The purpose of this course is to introduce students to the macroeconomic way of reasoning. The course addresses key topics such as determination of output, unemployment, interest rates and inflation. Monetary and fiscal policies are also discussed besides public debt and international economic issues. The course also introduces basic models of macroeconomics and illustrates principles with the experience of the UAE and other economies.

Prerequisite: BECN 100; Semester offered: 1 & 2

BECN 250 Money and Banking

The purpose of this course is to study operations of the financial institutions and markets which operate in the UAE and in the major western countries. The coverage includes both practical and theoretical viewpoints relating to interest rate determination, term structure of interest, financial market efficiency, regulation and internationalization.

Prerequisite: BECN 225; Semester offered: 1 & 2

GCRT 200 Critical and Creative Thinking

The purpose of this course is to explore the skills needed for effective reasoning and problem solving. The term 'critical' implies care and precision in all forms of evaluation and judgment and is best displayed in acts of reasoning, including arguments and explanations. Evaluation and judgment will be explored in the course. The term 'creative' implies that reasoning is not a precise process. It requires effective lateral thought and the use of sound judgment.

Prerequisite: ENGL 105; Semester offered: 1 & 2

BSTA 200 Statistical Analysis

The purpose of the course is to acquaint students with the basic concepts of statistics and probabilities that will help them make decisions using UAE data. Coverage includes: basic probability, probability distribution functions, estimation and confidence interval, sampling techniques, hypothesis testing, simple and multiple regression models.

Prerequisite: GMAT 115; Semester offered: 1 & 2

BBUS 225 Research Methods

The purpose of this course is to introduce students to the necessary skills required in conducting a scientific research. Specifically, students are introduced to problem identifications, literature review, proposal development, approaches to undertaking systematic research either using empirical and/or non-empirical approaches, communicating research results, managing of research projects etc.

Prerequisite: BSTA 200; Semester offered: 1 & 2

BBUS 250 Business Negotiating Skills

The purpose of this course is to improve students' negotiation skills in business and capacity to acquire and effectively use power. Its premise is that to be effective, managers must possess both strong analytical skills to identify solutions to business problems and a broad array of negotiation skills to empower acceptance of those solutions.

Prerequisite: BMNG 200, GCRT 200; Semester offered: 1 & 2

26.2 Business Core Requirements

BACC 205 Principles of Financial Accounting

The course introduces students to accounting concepts, principles and processes underlying the production of financial statements. It focuses on the analyses, measurement and reporting of business transactions to users of financial statements. It also examines uses and limitations of accounting information, as well as the ethical issues affecting financial statements.

Semester offered: 1 & 2

BACC 210 Principles of Managerial Accounting

This course examines the role of accounting information in managing organizations. It focuses on concepts and tools used in planning operations, controlling activities and decision making. Topics covered include fundamental cost concepts, cost-volume profit analysis, budgetary planning, responsibility accounting and performance evaluation, incremental analysis and capital budgeting.

Prerequisite: BACC 205; Semester offered: 1 & 2

BBUS 200 Quantitative Methods for Business

The purpose of this course is to model and solve decision problems in business using decision tools such as linear programming (LP), waiting line models, project management models, transportation and assignment models etc. Suitable software will be used to help solve the problems.

Prerequisite: BSTA 200; Semester offered: 1 & 2

BFIN 200 Principles of Financial Management

The purpose of this course is to help student understanding management of finance within a business organization. The coverage includes the sources of finance, the basic financial techniques such as TVM techniques used for making decisions in relation to valuation of financial instruments, risk and return trade off.

Prerequisite: BACC 205; Semester offered: 1 & 2

BMNG 200 Management & Organization Behavior

The purpose of this course is to discuss the nature of management practices in relation to UAE organizations. The course develops an understanding of the behavior of people within UAE organizations and the significance of managing this behavior in today's business environment. The coverage includes the internal nature of organizations from a theoretical and practical point of view.

Prerequisite: ENGL 105 (Co-requisite); Semester offered: 1 & 2

BMRK 200 Principles of Marketing

The purpose of this course is to introduce students to the marketing process, global market place and consumers, integrated marketing communication and marketing plan.

Semester offered: 1 & 2

BBUS 215 Fundamentals of Management Information Systems

The purpose of this course is to focus on the nature and value of information in business organizations. The coverage includes the sources of management information and how these can be used in the decision-making process via electronic and paper-based communication. It enables the students to develop applications and to recommend how information management systems should be used in business.

Prerequisite: BMNG 200; Semester offered: 1 & 2

BBUS 305 Business Law

This course focuses on business law within the context of constitutional rights and civil law. Topics include legal forms of business organization and ownership, contract and sales law, government regulation of business and laws relating to business, bankruptcy, finance, banking and insurance.

Co-requisite: ESPU 200; Semester offered: 1 & 2

BFIN 305 Corporate Finance

This course is designed to provide students with principles that corporations use to make this investing and financing decisions. The coverage includes capital budgeting, cost of capital and raising capital in the market, analyzing impact of leverage, dividend policy and working capital management.

Prerequisite: BFIN 200; Semester offered: 1 & 2

BMNG 310 Production and Services Operations Management

The main purpose of this subject is to give future managers an understanding of the variety and importance of the management decisions faced in the production and operations area in different manufacturing and service organizations. The course equips them with the tools and techniques necessary to approach and solve production and operations management problems effectively.

Prerequisite: BBUS 200; Semester offered: 1 & 2

BMNG 315 International Business Management

This course aims at introducing the students to the various practices, environments and functions involved in the field of international business. It includes analysis of the environmental factors (such as culture, communication, behavior) at the international, national and industrial levels. The course addresses the functional areas of business (Marketing, Finance, Production and Human resources) and assesses, in this respect, the global competitiveness of the UAE economy.

Prerequisite: BMNG 200; Semester offered: 1 & 2

BBUS 350 Business & Society

The purpose of this course is to understand the symbiotic relationship between business and society in terms of the moral and ethical dimensions of the power placed in the hands of owners and managers and to confront and analyze complex dilemmas related to the social context of business.

Prerequisite: 60 CH; Semester offered: 1 & 2

BBUS 400 Strategic Management (Capstone)

The purpose of the course is to stimulate and develop students' awareness and understanding of the key concepts of Strategic Management. The coverage includes situational analysis, the generation of choices of alternate actions and issues of implementation of the chosen course of action.

Prerequisite: 114 CH; Semester offered: 1 & 2

26.3 Accounting Concentration Requirements

BACC 301 Cost and Managerial Accounting

This course examines the tools and procedures used to accumulate cost data and information for planning, control and decision making. Topics include cost accumulation and allocation, product and process costing, activities based costing, transfer pricing, flexible budgets and variance analysis.

Prerequisite: BACC 210, Semester offered: 1

BACC 307 Accounting Information Systems

This course provides an overview of accounting information systems and illustrates the importance of information technology for accountants. The coverage includes a variety of information technologies including manual, file-oriented and database systems that are used in accounting subsystems. The relative advantages and disadvantages of each type of technology are highlighted and discussed.

Prerequisite: BACC 210; Semester offered: 1

BACC 313 Intermediate Accounting 1

This course discusses the conceptual framework underlying contemporary financial reporting standards and practices. The course focuses on measurement, reporting and disclosure issues related to short and long- term assets.

Prerequisite: BACC 210; Semester offered: 1

BACC 314 Intermediate Accounting 2

This course discusses the conceptual framework underlying contemporary financial reporting standards and practices. The course focuses on measurement, reporting and disclosure issues related to short and long- term liabilities, leases, shareholder's equity and earnings per share.

Prerequisite: BACC 313; Semester offered: 2

BACC 416 International Accounting

This course provides students with a broad perspective of international accounting and reporting issues that multinational corporations face. The course covers international accounting standards, financial reporting practices in different countries, international harmonization of financial reporting, accounting for foreign currency transactions and other financial reporting issues.

Prerequisite: BACC 314; Semester offered: 2

BACC 420 Financial statement Analysis & Valuation

This course develops student's knowledge of and skills in using different techniques for financial statement analysis and business valuation. The course coverage includes the construction of the main financial statements, effects of alternative accounting policies on financial statements, analysis of business performance and disclosures, analysis of earnings quality, cash flow assessment, credit worthiness, cash and accounting-based valuation methods, and market-based valuation methods.

Prerequisite: BFIN 305; Semester offered: 1

BACC 427 Taxation

This course provides students with basic concepts and procedures associated with individual and corporate tax systems. Topics covered include sources of income, measurement of taxable income, taxation rates, tax exemptions, liability for taxes, and the role of the state in collecting taxes.

Prerequisite: BACC 314; Semester offered: 1

BACC 435 Auditing

This course provides the tools, concepts and techniques for the practice of external auditing. Topics covered include: the practice of external auditing, auditing standards, audit reports, audit responsibilities and objectives, risk, ethics, legal liability, audit planning, fraud assessment, audit programs, evaluation of internal control, gathering and documenting evidence, audit of sales and collection cycle, audit of cash, audit of inventory and warehousing cycle, audit of payroll and personnel and other cycles, audit reporting, management report and other audit topics.

Prerequisite: BACC 307, BACC 314; Semester offered: 2

26.4 Entrepreneurship Management Concentration Requirements

BBEM 300 PRINCIPLES OF ENTREPRENEURSHIP

This course describes the logical sequence of the steps in planning a new business. It examines the tools required for the successful start-up and management of a small business. It explains the concept of entrepreneurship and its role in starting, managing, growing and transforming the business to a professionally managed entity. The students are given a chance to apply their knowledge from other areas of business to prepare a complete business plan.

Prerequisites: 63 CH; Semester offered: 1

BBEM 310 Family Business (The Next Generation)

This course focuses on learn about family business dynamics and conflicts; preparing to take charge. Analyze Non-family members of management, second and third generation issues, family business governance (the use of boards and family meetings) and succession planning.

Prerequisites: BMNG 300; Semester offered: 1

BSCL 301 Supply Chain Operations

The course examines methods to integrate the processes of product distribution and managing the supply channels using the power and speed of electronic connectivity. The coverage includes:

collaborative demand planning (CPFR), lean logistics, lean supply chain operations, customer accommodation, market distribution strategy, procurement-manufacturing strategy, operational integration, information networks, ERP, inventory management and strategy), demand amplification and volatility (bull whip effects) in supply chain, reducing variability, materials management, inventory models and vendor – co/managed inventory.

Prerequisites: BMNG 310, 60 CH; Semester offered: 1

BBEM 303 New Products & Services Development

The course focuses on technology gate-keeping, identifying resources, marketing and market research in both stated and inchoate markets for new products and services, product and service development champions, stages in product (service) development and innovations (from inventions to diffusion), in UAE region-specific contexts, clusters and knowledge transfers and global contexts.

Prerequisites: BBEM 300 Semester offered: 1

BBEM 307 Managing Venture Growth and Transition

The course focuses on identifying and analyzing: (1) market for growth; (2) growth and success factors and planning for growth; (3) barriers to growth and (4) resourcing growth.

Prerequisites: BFIN 305, 60 CH; Semester offered: 1

BFIN 328/335 ENTREPRENEURIAL FINANCE

The purpose of this course is to build student skills, frameworks and knowledge in entrepreneurial finance of small & medium enterprises. Most companies are at a relatively early stage of maturity and by definition are not publicly listed on exchanges. The context of venture capital is different than that of traditional corporate finance. The skills and frameworks are therefore, of necessity, more focused on cash flow, returns and recognizable value. The syllabus includes risk management, types of investment and funding sources, modeling opportunities, examine venture capital funding, conduct due diligence, technology transfers and IP acquisitions.

Prerequisite: BFIN 305; Semester offered: 2

BBEM 402 International Entrepreneurship

The purpose of this course is to improve students' negotiation skills in international entrepreneurship, identify solutions to international business problems and empower acceptance of solutions.

Prerequisites: BFIN 305, BMNG 315 (Co-requisite); Semester offered: 2

BMNG 445 Total Quality Management & Continuous Improvement

The course focuses on quality and continuous improvement encompassing the entire organization from supplier to customer, and how organizations achieve it. The coverage includes approaches to quality management, systems and procedures for planning, control and continuous improvement of quality, barriers to implementation of TQM, quality audit and benchmarking.

Prerequisites: BMNG 310; Semester offered: 1 & 2

26.5 Finance & Banking Concentration Requirements

BFIN 301 Cost & managerial Accounting

This course examines the tools and procedures used to accumulate cost data and information for planning, control, and decision making. Topics include cost accumulation and allocation, product and process costing, activities-based costing, transfer pricing, flexible budgets, and variance analysis.

Prerequisite: BACC 210; Semester offered: 1

BFIN 316 Financial Statement Analysis

This course focuses on the three major financial statements: the balance sheet, the income statement and the statement of cash flows. For each financial statement, the course details its purpose, construction, pertinent ratios and common-size analysis. Understanding these concepts allow a student to evaluate trends in performance over several measurement periods and to compare the performance of different companies over the same period(s). Additional analyst tools such as EPS calculation are also covered.

Prerequisite: BFIN 305; Semester offered: 1

BFIN 317 International Finance and Banking

The purpose of this course is to focus on international finance theory with current practical applications. The coverage includes: international financial markets including banks, exchange rate determination and government influence on exchange rates, interest rate parity, international fisher effect, exchange rate risk management, managing economic and translation exposures.

Prerequisite: BFIN 309; Semester offered: 2

BFIN 328/335 ENTREPRENEURIAL FINANCE

The purpose of this course is to build student skills, frameworks and knowledge in entrepreneurial finance of small & medium enterprises. Most companies are at a relatively early stage of maturity and by definition are not publicly listed on exchanges. The context of venture capital is different than that of traditional corporate finance. The skills and frameworks are therefore, of necessity, more focused on cash flow, returns and recognizable value. The syllabus includes risk management, types of investment and funding sources, modeling opportunities, examine venture capital funding, conduct due diligence, technology transfers and IP acquisitions.

BFIN 408 Investment Analysis

The purpose of this course is to investigate trading in financial securities such as stocks and bonds. The coverage includes: trading of securities, analysis of risk and return (using UAE data) diversification, CAPM & APT pricing models, analysis of efficient market hypothesis, bond and stock valuation and technical analysis.

Prerequisite: BFIN 316; Semester offered: 1

BFIN 412 Managing Investment Portfolios

The purpose of this course is to manage investment portfolios for individual and institutional investors. The coverage includes: managing band portfolios, macroeconomic and industry analysis, investment strategies, performance evaluation and active portfolio management.

Prerequisite: BFIN 408; Semester offered: 2

BFIN 431 Management of Banks and Other Financial Institutions

The purpose of this course is to investigate nature of intermediation in financial institutions (commercial and investment banks, insurance companies and Islamic banks) and products developed and managed by these institutions.

Prerequisite: BFIN 305; Semester offered: 1

BFIN 437 Risk Management

The purpose of the course is to examine the business aspects of risk management as well as corporate application of principles of risk management. The coverage includes risk management, ERM, risk pooling, and use of derivatives (options, future, forwards, swaps) for risk management of institutions.

Prerequisite: BFIN 305, BFIN 408; Semester offered: 2

26.6 Human Resources Management Concentration Requirements

BMNG 301 Human Resources Management

The main purpose of this course is to give future human resources managers an understanding of the variety and the importance of human resource management functions in today's business environment, and how it is changing in response to the recent trends in the work place. It illustrates how all managers can use HR concepts and techniques in their organizations.

Prerequisite: BMNG 200; Semester offered: 1&2

BHRM 301 HR Planning & Development

This course examines effective utilization and application of HR practices; understand strategies for assessing, designing and implementing training and HR development efforts in UAE.

Prerequisites: BMNG 301; Semester offered: 1

BHRM 303 Employment Law and Legal Aspects

This course emphasizes on laws related to the hiring process, equal employment opportunity and special employment requirements for UAE expatriates.

Prerequisites: BBUS 305, BMNG 301; Semester offered: 2

BHRM 307 Financial Impacts of HR Strategies

This course focuses on identifying financial impact of various human resource strategies, policies, and practices. It also deals with analysis and measurements of HR turnover, compensation and salaries, benefits, staffing, training, and career development.

Prerequisites: BMNG 301, BACC 210; Semester offered: 2

BHRM 402 Performance Management, Compensation and Employee Benefits

This course focuses on: strategic performance management considerations, performance system implementation through MIS, analyzing employee development, team performance management, compensation practice, internal alignment, external competitiveness, pay-for-performance and management of compensation systems in the UAE.

Prerequisites: BHRM 301; Semester offered: 1

BHRM 404 Strategic HR Management

The course focuses on how to manage people in unionized and UAE context, analyzes best practices in attracting, retaining and developing employees, the ethical implications of off-shoring and future challenges in strategic HRM in UAE if union activity is detected.

Prerequisites: BHRM 307; Semester offered: 1

BHRM 406 International HR Management

This course addresses topics in comprehend multinational context and global organizational strategy. The course also focuses on functional HRM in MNC and global HR issues in the host country context and future international HRM trends and challenges.

Prerequisites: BHRM 303; Semester offered: 2

BHRM 408 Employee Relations

This course introduces employment relations issues. These issues include an explanation of the unique features of the employment relationship and an exploration of the differing interests of employers, workers and other relevant stakeholders. Also, this course describes the economic, sociological and psychological aspects of employment relations.

Prerequisites: BHRM 303; Semester offered: 2

26.7 Management Concentration Requirements

BMNG 301 Human Resources Management

The main purpose of this course is to give future human resources managers an understanding of the variety and the importance of human resource management functions in today's business environment, and how it is changing in response to the recent trends in the work place. It illustrates how all managers can use HR concepts and techniques in their organizations.

Prerequisite: BMNG 200; Semester offered: 1&2

BMNG 303 Advanced Organizational Behavior

The course focuses on organizational effectiveness in UAE and the development of a continuous improvement model. Evaluate roles of culture, power, politics and interpersonal conflict in UAE organizations, leadership behavior and current trends in motivation.

Prerequisite: BMNG 200; Semester offered: 1

BMNG 311 Management of Service Organizations

The main purpose of this course is to focus on decision making in UAE service organizations such as health care, hotel care, hotel, banking and finance, transportation, leisure and government. Both conceptual and application of management techniques to problems peculiar to service organizations in UAE are covered.

Co-requisite: BMNG 310; Semester offered: 2

BBEM 300 PRINCIPLES OF ENTREPRENEURSHIP

This course describes the logical sequence of the steps in planning a new business. It examines the tools required for the successful start-up and management of a small business. It explains the concept of entrepreneurship and its role in starting, managing, growing and transforming the business to a professionally managed entity. The students are given a chance to apply their knowledge from other areas of business to prepare a complete business plan.

Prerequisites: 63 CH; Semester offered: 1

BMNG 416 Emerging Issues in Management

The course deals with the exploration of emerging issues such as problems facing management in multicultural and international environments in UAE. The delivery is in the format of a seminar with each student participating in a debate related to a specific issue.

Prerequisite: 96 CH; Semester offered: 2

BMNG 423 Leadership Development

This course covers the different theories and styles of leadership and their effectiveness and ineffectiveness in UAE context. Different motivation theories will be studied as to how they relate to effective or ineffective leadership practices. The different types of power and the power centers in UAE organizations will be studied along with the restraints and the limits power.

Prerequisite: BMNG 301; Semester offered: 1

BMNG 424 Change Management

This course covers management of change in UAE organizations. Topics include: sources of change, resistance to change, coping with change, leading organizational change, models of organizational change, creation and change of organizational cultures with specific reference to UAE.

Co-requisite: BMNG 423; Semester offered: 1

BMNG 445 Total Quality Management & Continuous Improvement

The course focuses on quality and continuous improvement encompassing the entire organization from supplier to customer and how organizations achieve it. The coverage includes approaches to quality management, systems and procedures for planning, control and continuous improvement of quality, barriers to implementation of TQM, quality audit and benchmarking.

Prerequisites: BMNG 310; Semester offered: 1 & 2

26.8 Marketing Concentration Requirements

BMRK 301 Marketing Management

This course focuses on managing the marketing activities in a dynamic and competitive environment. It introduces the students to a simulation program, which gives a real life scenario of the strategies for achieving a competitive advantage. The course also focuses on developing a marketing plan for a product considering the target market, segmentation and the four Ps (product, place, price, and promotion) of marketing. The students are also required to present the developed marketing plan.

Prerequisite: BMRK 200; Semester offered: 1

BMRK 303 Marketing Channels

The course focuses on the management and managerial framework of marketing channels. It provides insights into the theory, research and practice of channel decisions. Recent changes in the global, socio-cultural and technological areas are covered in the course. The course also covers implementation strategies of the channel design. Students are required to analyze and present a real company's marketing channel structure and provide suggestions for improvements.

Prerequisite: BMRK 301; Semester offered: 2

BMRK 416 ADVERTISING & PROMOTION MANAGEMENT

The purpose of this course is to enable students to develop a good understanding of customer dynamics, in which advertising and promotions are influencing all marketing decisions such as; strategic, managerial and operational implications of customer-focused marketing, and trends in advertising and promotions.

Prerequisite: BMRK 321; Semester offered: 2

BMRK 321 Consumer Behavior

The purpose of this course is to enable students to develop understanding of customer dynamics, in which consumer behavior influences marketing decisions. The course addresses the topics such as perception, comprehension, learning and memory, attitude, personality and lifestyle, consumer decision making, cultures and sub-culture.

Prerequisite: BBUS 225, BMRK 200; Semester offered: 2

BMRK 412 Marketing Research

The purpose of this course is to enable students to understand research process considering a real life project. The students are required to formulate research issue, research objectives, and research questions. Qualitative and quantitative research methods are considered. The data are collected and analyzed through SPSS. A research report is developed and presented at the end of the course.

Prerequisite: BMRK 321; Semester offered: 1

BMRK 428 International Marketing Strategies

The purpose of this course is to examine the marketing systems and marketing operations in various countries and multinational market groups. Formulation of appropriate marketing strategies for developing global markets including the cultural, political and economic infrastructure of foreign markets will be done.

Prerequisite: BMRK 412, BMRK 432; Semester offered: 2

BMRK 432 SERVICES MARKETING

The purpose of this course is to develop advanced knowledge of Services Marketing and their applications in different industries. The course introduces services sector, service strategy, service delivery process, pricing of services, managing service employees and customers, customer satisfaction, service quality & customer retention.

Prerequisite: BMRK 301, BMRK 321; Semester offered: 1

BMRK 310 PROFESSIONAL SELLING & CRM

This course focuses on applying different sales strategies for various consumer groups, and integrating corporate, business, marketing and sales strategies. It addresses topics such as the sales function, personal selling, sales force deployment, recruitment and selection, sales training, sales management leadership, motivation and reward system management, effectiveness and performance, and evaluation of performance.

Prerequisite: BMRK 200; Semester offered: 2

26.9 Supply Chain & Logistics Management Concentration Requirements

BSCl 301 Supply Chain Operations

The course examines methods to integrate the processes of product distribution and managing the supply channels using the power and speed of electronic connectivity. The coverage includes: collaborative demand planning (CPFR), lean logistics, lean supply chain operations, customer accommodation, market distribution strategy, procurement-manufacturing strategy, operational integration, information networks, ERP, inventory management and strategy, demand amplification and volatility (bull whip effects) in supply chain, reducing variability, materials management, inventory models and vendor – co/managed inventory.

Prerequisites: BMNG 310, 60 CH; Semester offered: 1

BSCl 304 Warehousing & Materials Handling

The course focuses on the concept of warehousing in supply chain and its relevant terminology methods and tools necessary for analysis and management of warehousing. The course offers the

methods on how to apply new technology, minimize spending, and create efficient, stream-lined operations.

Prerequisites: BSCL 301; Semester offered: 2

BSCL 307 Global Supply Chain Strategy and Design

The course provides a global perspective to logistics and supply chain management, featuring both practical and strategic approach to supply chain design and management in different industries.

Prerequisites: BMNG 310, 60 CH; Semester offered: 1

BSCL 311 Strategic Procurement and Sourcing

The course outlines the most current methods in purchasing and supply chain management which help to transform purchasing theory into purchasing practices and implementation. Course topics also cover purchasing business processes, strategic sourcing relationship and supplier management.

Semester offered: 1

BSCL 402 Transportation and Distribution

This course provides basic concepts of economic analysis with respect to the transportation and distribution sector and the tools necessary to undertake transport and distribution project evaluation. The course also applies these concepts to evaluate private and public decisions associated with transportation and distribution

Prerequisites: BSCL 301; Semester offered: 2

BSCL 404 SCLM Technology and Information Systems

The purpose of this course is to illustrate the importance of information technology for SCM. The course provides documentation and an overview of E-Business and SCLM technologies such as RFID, tracking systems, ERP concepts, WMS warehouse management systems, TMS transportation management systems, and SCM software capabilities.

Prerequisites: BBUS 215, BSCL 301; Semester offered: 2

BSCL 406 Modeling and Simulation of Supply Chains

This course enables students to understand the complex interactions between stages in the supply chain and how changes at one or more stages affect the supply chain performance. Instructor selected software will be used in the course.

Prerequisites: BMNG 310, 60 CH; Semester offered: 2

BMNG 445 Total Quality Management & Continuous Improvement

The course focuses on quality and continuous improvement encompassing the entire organization from supplier to customer and how organizations achieve it. The coverage includes approaches to quality management, systems and procedures for planning, control and continuous improvement of quality, barriers to implementation of TQM, quality audit and benchmarking.

Prerequisites: BMNG 310; Semester offered: 1 & 2

BSCL 465 Internship (for non-working students)

This course provides students with practical experience in an organizational setting and helps students to improve their skills. This course develops students' professional attitudes and competence in the application of learned theories and concepts. The course requires developing a research report on an identified task and present it at the end of the Internship.

Prerequisites: 111 CH; Semester offered: 1 & 2

BSCL 470 Industry Project (for working students)

The purpose of this course is to provide the working students with practical experience in an organization setting where learning and doing are the chief objectives. Students will develop competence in the application of theory, skills and attitudes, by requiring them to undertake an industry project via research and analysis of an actual business problem /opportunity and to propose a solution/development (business case), or develop a business plan, resulting in both an oral and a written presentation.

Prerequisites: 111 CH; Semester offered: 1 & 2

26.10 Customs Concentration Requirements

BCUS 200 Customs Management – Theory & Practice:

This Course provides an overview of the Customs Management covering all the activities carried out in a modern Customs organization within the framework of WTO/ WCO and UN agencies consistent with the laws of UAE.

Prerequisites: None, Semester offered: 1

BCUS 210 Harmonized Systems Code and Customs Tariff:

The First part of the Course covers in detail the classification methodology of coding, describing and classifying goods under Harmonized system of nomenclature (HSN) - structure, application of Interpretative Rules, importance of Legal Notes and general overriding principles. The Second part imparts a practical training to the students to carry out the classification process independently.

Prerequisites: None, Semester offered: 2

BCUS 300 International Agreements in Trade and Customs

This Course covers how various International Agreements on Trade and Customs evolved and the obligations, rights and privileges of Member Countries of these bodies in terms of implementing these Agreements in managing Cross Border Trade. The Agreements administered by World Trade Organization (WTO), World Customs Organization (WCO) and UN Agencies are covered in this Course.

Prerequisites: BCUS200, Semester offered: 2

BCUS 310 Customs Valuation & GATT Agreements

The Course introduces the students to WTO Valuation Agreement. This provides an in depth knowledge of various Customs Valuation Methodologies. Limitations of using Transaction Value and incorporate various adjustments such as discounts, Related parties, Packaging, Royalties etc. It aims to train the students to acquire skills and knowledge to deploy the correct method in various import situations within the framework of UAE Laws

Prerequisites: None, Semester offered: 2

BCUS 400 Customs Procedures and Facilitation of Trade

This Course is divided into 2 Parts: Part I deals with Dubai Customs – Organization, Vision, Mission, various Customs Procedures and Services offered. Part II covers Facilitation of Trade in WTO/ WCO framework and the role of Customs.

Prerequisites: BCUS200, Semester offered: 1

BCUS 410 Risk Management & Customs Intelligence

The First part of the course covers Risk Management Techniques, Strategies, and development of Risk Management in Customs. The second part covers methodologies for developing a Profile and Target and covers WCO initiatives in developing and sharing Intelligence.

Prerequisites: None, Semester offered: 1

BCUS 420 Border Security & Inspection

The course covers in detail various Border Protection and Security initiatives and enforcement measures taken by Dubai Customs within the framework of International Maritime Organization for commercial goods and International Civil Aviation for personal effects in conformance to World Customs Organization and the Laws of UAE.

Prerequisites: None, Semester offered: 1

BCUS 430 GCC Customs Law (covering all modes of transport)

The first part of the Course covers in detail the formation of GCC Customs Union and its current framework. The Second Part Covers Provisions and Explanatory Notes of the Common Customs Law for the GCC States and the corresponding Customs Procedures in UAE

BCUS 440 Customs Investigations and Law Enforcement

This course covers investigative, interview principles and procedures, and learn how to apply them to solve a wide range of customs crimes. You will study a systematic problem solving method and a basic investigative sequence that is applicable to any investigation, first officer responsibilities, crime scene protection, interviewing witnesses, and interrogating suspects to obtain confessions.

Prerequisites: None, Semester offered: 2

BCUS 465 Work Based Project (at Customs)

The purpose of this course is to provide the working students with practical experience in Customs organization setting where learning and doing are the chief objectives. Students will develop competence in the application of theory, skills and attitudes, by requiring them to undertake an industry project via research and analysis of an actual business problem /opportunity and to propose a solution/development (business case), or develop a business plan, resulting in both an oral and a written presentation. Prerequisites: 111 CH, Semester offered: 2

26.11 IT Core Requirements (College of Engineering & Information Technology)

ITGN 215 Introduction to Information Systems

The purpose of this course is to introduce students to contemporary information systems and demonstrate how these systems are used throughout global organizations. Coverage includes key components of information systems and how these components can be integrated and managed to create competitive advantage. The course also provides an introduction to systems and development concepts, technology acquisition and various types of application software.

Prerequisite: BMNG 200, ITGN 115; Semester offered: 1& 2

ITGN 230 Introduction to Programming

The purpose of this course is to introduce the student to the general principles and concepts of programming. Coverage includes problem-solving, structured algorithms, program design and implementation. The course is delivered using an appropriate IT programming language such as Java and Visual Basic.

Prerequisite: ITGN 115, GMAT 100; Semester offered: 2

ITGN 235 Principles of Networking

The purpose of the course is to provide essential knowledge on networking infrastructure, different types of networks and network hardware and software. Coverage includes data transmission, hubs, switches, routers, topology, wiring and physical topology Protocol, layering LAN, WAN and internetworking.

Prerequisite: ITGN 230; Semester offered: 1

ITGN 250 Database Management Systems

The purpose of this course is to provide essential knowledge for the design and implementation of relational databases. Coverage includes conceptual E-R modeling, logical and physical design of relational databases and introduction to SQL language.

Prerequisite: ITGN 215; Semester offered: 1

ITGN 255 Operating Systems Administration

This course examines the concepts and administrative aspects of operating systems. Topics covered include Operating system fundamentals, including history, process and thread management, concurrency with semaphores and monitors, deadlocks, storage management, file systems, security management and I/O applications.

Prerequisites: ITGN 120; Semester offered: 1

ITGN 260 IT Project Management

The purpose of this course is to discuss project management principles, methodologies, tools and techniques used in developing IT-based projects. Coverage includes organizational and human factors in IT-project management analysis and planning of IT projects.

Prerequisite: ITGN 215 Semester offered: 2

ITGN 315 Object Oriented Programming

The purpose of this course is to provide essential knowledge of advanced programming aspects. Coverage includes Object Oriented Programming, classes and objects, inheritance, polymorphism, Advanced Graphical User Interface (GUI) and the development of comprehensive projects.

Prerequisite: ITGN 230; Semester offered: 2

ITGN 321 Object-Oriented Analysis & Design

The purpose of this course is to provide a sound understanding of the fundamental concepts of Object Oriented Software Engineering. Coverage includes Object Oriented Analysis (OOA), development (OOD) and implementation (OOI), Visual Modeling using the Unified Modeling Language (UML) and interactive OOS development.

Prerequisite: ITGN 230; Semester offered: 1

ITGN 323 Enterprise Architecture

The purpose of this course is to provide students with an understanding of the theoretical and practical issues related to the design, selection, implementation and management of enterprise IT applications, systems and infrastructures. Coverage includes enterprise architecture frameworks, models, strategies and tools for infrastructure management.

Prerequisites: ITGN 235; Semester offered: 2

ITGN 340 Human Computer Interface

The purpose of this course is to introduce human computer interface. Coverage includes user-centered design process, analysis of user needs, user interface models and ergonomics, task analysis, GUI design principles, guidelines and patterns, tools for user interface prototyping and user interface testing and evaluation.

Prerequisite: ITGN 230; Semester offered: 1

ITGN 345 Information Systems Security

The purpose of this course is to provide an overview of methods to assure secure and confidential information systems. Coverage includes basic concepts of main security and privacy issues of the Internet and devices and implementation of security methods for the Web.

Prerequisite: ITGN 235; Semester offered: 1

ITGN 350 Web Design & Development

The purpose of this course is to provide essential knowledge for designing and developing client-side browser interfaces as well as maintaining a dynamic and interactive website. Coverage includes advanced HTML, Cascading Style Sheets (CSS), extended Markup Language (XML) and JavaScript.

Prerequisite: ITGN 250, ITGN 315; Semester offered: 2

ITGN 414 Strategic Issues in Information Systems

The purpose of this course is to develop the student's critical understanding of the problems and opportunities faced by organizations with regard to information systems. Coverage includes strategy fundamentals, strategic management concepts to ensure IS development supports the business strategy and processes through suitable planning methods to implementation.

Prerequisite: ITGN 321 Semester offered: 2

ITGN 416 IT Audit and Control

The purpose of this course is to provide students with an overview of the control and auditing frameworks, methods, standards and approaches used in the audit and control of information systems in an organization. Students learn the impact of the IT audit and control function on the organization and will know how to create a control structure and then audit the IT infrastructure against it.

Prerequisites: ITGN 345 Semester offered: 2

ITGN 440 Computing & Information Systems Project (Capstone)

The purpose of this course is to provide an opportunity to research and develop a specific topic in the area of Computing and Information Systems. Coverage includes research methods, utilizing and applying various methodologies and techniques to design, implement, test and evaluate a specified project.

Prerequisite: 117, ITGN 340, ITGN 414 CH; Semester offered: 2

ITGN 465 Internship

The purpose of this course is to further develop knowledge and skills within an IT organizational set-up. Coverage would provide an opportunity to gain awareness of the workings of organizations, including aspects of social and human factors primarily within a student's subject major.

Prerequisite: 114 CH; Semester offered: 1 & 2 (2 months)

ITGN 470 Industry Project (for working students)

The purpose of this course is to provide students with an applied learning experience through an industry project. The course requires students to undertake a project via research and analysis of an action IS problem/opportunity and to propose a solution/action plan, resulting in both an oral as well as a written presentation.

Prerequisite: 114 CH; Semester offered: 1 & 2

26.12 Concentration: Information Systems Security

ITSS 450 Information Systems Security Management

This course provides students with fundamentals of information systems security from a management perspective, as well as a thorough understanding of the administration of information security. Topics covered include security planning and policies, risk management, security implementation and maintenance, security and personnel and professional issues in IS security.

Prerequisites: ITGN 345; Semester offered: 1

ITSS 451 Ethical Hacking and Network Defense

This course covers penetration-testing tools and techniques that ethical hackers and security testers use to protect computer networks. The course provides a structured knowledge base for preparing security professionals and Network Administrators to discover vulnerabilities and recommend solutions for tightening network security and protecting data from potential attackers.

Prerequisites: ITGN 345; Semester offered: 1

ITSS 455 Computer Forensics and Investigations

This course provides students with a comprehensive understanding of digital forensic principles and the collection, preservation, and analysis of digital evidence. Students learn about the importance of forensic principles and procedures, legal considerations, digital evidence controls and the documentation of forensic analysis.

Prerequisites: ITGN 345; Semester offered: 1

ITSS 456 Database Security and Auditing

This course provides students with an understanding of security concepts and practices as applied to database systems. Students learn principles of database security and how to develop database applications embedding from simple to sophisticated security and auditing models using advanced database systems and software tools.

Prerequisites: ITSS 455, ITGN 350; Semester offered: 2

ITSS 458 Disaster Recovery Planning

The goal of this course is to expose students to the essentials of disaster recovery planning. Coverage includes disaster recovery process including the process of assessing risks that an organization faces, and then developing, documenting, implementing, testing and maintaining procedures that help the organization quickly return to normal operations and minimize losses after a disaster.

Prerequisites: ITGN 345; Semester offered: 2

ITSS 456 Database Security and Auditing

This course provides students with an understanding of security concepts and practices as applied to database systems. Students learn principles of database security and how to develop database applications embedding from simple to sophisticated security and auditing models using advanced database systems and software tools.

Prerequisites: ITSS 455, ITGN 350; Semester offered: 2

26.13 Concentration: Communication Engineering

EMTH 100 CALCULUS I FOR ENGINEERING

This is the first in a three-course sequence in Calculus intended for students majoring in engineering. It emphasizes on techniques and the understanding of concepts, and using them to solve physical problems. The course covers functions, limits, continuity, the derivative, rule of differentiation, applications of the derivative, definite integrals, and indefinite integrals. (C or better in Basic Math, or three years of high school mathematics and a score of at least 75%).

EMTH 150 CALCULUS II FOR ENGINEERING

This is the second in the three-course sequence in Calculus intended for students majoring in engineering. It emphasizes the understanding of concepts, and using them to solve physical problems. The course covers techniques of integration including integration by parts, partial fractions, improper integrals, applications of integration, sequence and series, convergence and divergence of series and parametric curves and equations. Basic matrix algebra.

EMTH 200 CALCULUS III FOR ENGINEERING

This is the third in the three-course sequence in Calculus intended for students majoring in engineering. The distinct feature of this course is its focus on the multi-dimensional analysis, as opposed to one-dimensional analysis covered in EMTH 100 (Calculus I) and EMTH 150 (Calculus II). This course is a study of the calculus of functions (two or more variables), also including a study of vectors, vector-valued functions and their derivatives. Other topics covered include limits, partial derivatives, multiple integrals, Stokes' Theorem, Green's Theorem, the Divergence Theorem, and applications in physics.

EMTH 250 ADVANCE MATH I FOR ENGINEERING

This course introduces ordinary differential equations with a focus on the solution techniques for first order equations, higher order homogeneous and non-homogeneous linear equations with constant coefficients, linear and almost linear systems, and Laplace transforms. The course also covers basic topics of linear algebra, including linear systems, basic properties of matrices, vector spaces, and eigenvalues and eigenvectors.

EMTH 260 ADVANCED MATH II FOR ENGINEERING

This is the second and final course in the two-course sequence in Advanced Mathematics intended for students majoring in engineering. Complex numbers and variables. Analytic functions: Taylor's Series and MaLauren Series. Singularities of complex functions. Elements of Residue theory. Fourier series. Fourier transform its properties and its inverse. Z-transform and properties, inverse Z-transform. Introduction to linear PDEs.

GECE 100 GENERAL CHEMISTRY I

General Chemistry I at UD provides students with an introduction to chemistry, targeting students who have not had an advanced chemistry course in high school at the same time used to fulfill part of the requirement in the Natural Sciences category. Students will develop specific chemical concepts that will be discussed within the context of a variety of chemistry related applications. Topics covered include but not limited to measurement and units, matter and energy, stoichiometry and chemical equations, gases, thermochemistry, electronic structure of atoms, periodic trends, molecular bonding and structure, intermolecular forces, solution chemistry, equilibrium, oxidation-reduction reactions, and nuclear chemistry.

GPHY 100 GENERAL PHYSICS

This will be an introductory but intense course in calculus-based physics focusing on linear and rotational dynamics and aspects of waves. The course kicks off with Newton's laws of motion, how to apply Newton's laws to systems that undergo translational, rotational, and vibrational motion. The goal will be to understand and apply the fundamental concepts involved. All physical sciences and

engineering is based upon the foundation of mechanics and students will gain an appreciation of the basic underlying principles used and experience an increase in analytical ability that will carry over to whatever discipline he or she chooses to pursue.

GPHY 150 GENERAL PHYSICS II

This course is a continuation of GPHY-100, General Physics I. Calculus-based introduction to classical electricity and magnetism, including such topics as, electric charge and electric fields, Gauss's law, electric potential, capacitance, current, resistance, and circuits, DC circuits, Ampere's law, magnetic fields, and fields due to currents, induction and inductance, magnetism of matter, Maxwell's equations, and electromagnetic oscillations. The course is taught in a lecture/workshop format that integrates the material traditionally found in separate lecture and laboratory courses.

ENIN 100 ENGINEERING INNOVATIONS

Engineering Innovations is an exciting college-entry level course for motivated high school students with an aptitude in math and science and an interest in (or curiosity about) engineering. The course introduces students to the concepts of innovative thinking and innovation practices and uses lectures, case studies, team exercises, the Spotlight on Innovation, and guest speakers to teach valuable life skills in innovative thought and action. Students study the vital role engineers play in problem-solving and in the innovation process, and take action by applying lessons learned in engineering careers that range from starting entrepreneurial ventures to executing R&D engineering-related projects to leading multinational companies. Students also have the opportunity to earn University of Dubai (UD) credits.

ENEE 300 ENGINEERING ECONOMICS

This course emphasizes the strong correlation between engineering design and manufacturing of products/systems and the economic issues they involve. The basic concepts of the time value of money and economic equivalence is applied throughout the course. Each engineering problem/project progressively incorporates different cash flows, the cost of funds, capital, operational and maintenance costs, salvage value, depreciation, amortization, and taxation. Students learn to apply different economic analysis methods – like present worth, annual-equivalent worth, rate-of-return, life-cycle cost, cost/benefit etc. – in evaluating the economic viability of a project, as well as the comparison of mutually exclusive alternatives. The course also introduces concepts of replacement decisions, capital-budgeting decisions, and project risk and uncertainty, and exposes students to specific issues of economic analysis of the private sector versus the public sector. Applications to a variety of engineering fields' actual cases are stressed throughout the course.

ENAP 150 COMPUTER ALGORITHMS AND PROGRAMMING

The course deals with the core ideas and skills required while programming and how to take an initial idea for an application, understand it and how to break it apart into the right pieces so that one can know what code to write for each piece. This course starts off with the fundamentals - problem solving and analysis, the basic syntax of a programming language and then how to write some code. It introduces the principles of procedural programming, data types, control structures, data structures and functions, data representation on the machine level. Various problems are considered to be solved using structured programming language.

ENEC 200 ELECTRIC CIRCUITS I

This course serves as an introduction to the principles of electrical engineering, starting from the basic concepts of voltage and current and circuit elements of resistors, capacitors, and inductors. Basics of DC circuit analysis are taught using Kirchhoff's voltage and current laws with Thevenin and Norton equivalents. Circuit analysis is taught using Kirchhoff's voltage and current laws with Thevenin and Norton equivalents. Circuits with ideal op-amps, Inductance and capacitance are introduced and the transient response of RL, RC and RLC circuits to step inputs is established. Practical aspects of the properties of passive devices and batteries are discussed, as are the characteristics of battery-powered circuitry. The laboratory component incorporates use of both computer and manually controlled instrumentation including power supplies, signal generators and oscilloscopes to reinforce concepts discussed in class as well as circuit design and simulation software.

ENDD 200 DIGITAL LOGIC DESIGN

This course introduces the student to the basic components and methodologies used in digital systems design. To provide a thorough background, at the introductory level, of the logical (mathematical) and electrical basis for digital system design. Major building blocks for designing digital systems will be examined and used which include gates, MUXes, DEMUXes, decoders, encoders, comparators, various arithmetic blocks, flip-flops, counters, registers, RAMs/ROMs, PLDs and FPGAs. This course is the gateway to all other digital system courses in the program.

ENMA 200 MATLAB

This course introduces the students to Matlab so that they can write M.files for solving a variety of Engineering Problems. The lab covers the following topics:

- Concepts: Data types, loops, arrays, character strings, logical operations, complex numbers, matrices, polynomials, numerical analysis, functions
- M.Files: Programming and debugging
- Plotting: 2D, 3D, curve fitting and exporting graphical files
- Toolboxes: Importing and exporting audio and image files
- Graphical User Interface: dialogue boxes, capturing mouse actions

ENEC 250 ELECTRIC CIRCUITS II

This course serves the continuation of the Circuits I course. Circuits with ideal op-amps, Inductance and capacitance are introduced and the transient response of RL, RC and RLC circuits to step inputs is established. This course also covers the fundamentals of AC circuit analysis starting with the study of sinusoidal steady-state solutions for circuits in the time domain. The complex plane is introduced along with the concepts of complex exponential functions, phasors, impedances and admittances. Nodal, loop and mesh methods of analysis as well as Thevenin and related theorems are applied to the complex plane. The concept of complex power is developed. The analysis of mutual induction as applied to coupled-coils. Linear, ideal and non-ideal transformers are introduced. Complex frequency analysis is introduced to enable discussion of transfer functions, frequency dependent behavior, Bode plots, resonance phenomenon and simple filter circuits. Two-port network theory is developed and applied to circuits and interconnections.

ENEL 250 ELECTRONICS I

This course focuses on the operation, modeling and analysis of basic electronic components such as diodes, Bipolar Junction Transistors BJT's, Field-Effect Transistors (FET's). Amplifier configurations. Small signal modeling of BJTs and FETs. Analysis of BJTs and FETs amplifier circuits. The design and characteristics of digital inverters. Operational amplifiers: principles and applications. The laboratory experiments associated with this course involve circuit simulations using EDA tools and measurement.

ENMG 300 ELECTROMAGNETICS

The course provides the foundations of Electromagnetics EM fields, static and time varying, and a study of propagation, reflection and transmissions of electromagnetic waves in unbounded regions and in transmission lines. Maxwell's equations, the wave equation, Poynting theorem, boundary conditions and transmission line equations are explained. Modes of EM propagation in homogeneous waveguides such as Transverse Electric and Magnetic TEM, Transverse Electric TE, and Transverse Magnetic TM are discussed. Modern applications of electromagnetics are broad and include electromagnetic phenomena, including wireless and optical communications are introduced.

ENSS 300 SIGNALS & SYSTEMS

This course helps the student develop one of the key abilities of an engineer - system-level thinking. In particular, students will see how the math and physics they have learned in other courses help them understand rather complex systems that occur in engineering (with applications to communication systems, biomedical imaging, control, and robotics). ENPR 300 (Probability and Random Processes) is not required for this course and gives a complementary set of tools needed for advanced material, especially in the areas of communications and signal processing. It's assumed that students have familiarity with lower division physics and circuits since these are the source of many examples as they

are introduced to the idea of signal and system analysis and characterization in time and frequency domain. Also to provide foundation of signal and system concepts to areas like communication, control and comprehend applications of signal processing in communication systems.

EECS 300 CONTROL SYSTEMS

This course is intended to introduce students to the concepts and techniques of classical control and to briefly introduce some concepts of modern control and discrete-time. The main goal is to study the concept of time response and frequency response of the system and to teach the basics of stability analysis of the system. Students will become familiar with analytical methods and will be exposed extensively to the use of computers for analysis and design of control systems.

ENPR 300 PROBABILITY AND RANDOM PROCESS

In this course the student is introduced to random variables and stochastic processes. This course provides students in the area of communication theory, computer networks, signal/image processing, control theory, and other related disciplines with a solid background in probability and random processes. Topics covered are probability theory, conditional probability and Bayes theorem, discrete and continuous random variables, distribution and density functions, moments and characteristic functions, functions of one and several random variables, Gaussian random variables and the central limit theorem, estimation theory, random processes, stationarity and ergodicity, auto correlation, cross-correlation and power spectrum density.

ENCS 300 COMMUNICATION SYSTEMS

This course introduces the fundamentals of basic communication system. The first portion of the class will cover topics in analog communication. Beginning with basic Fourier transform properties, techniques for analog modulation and demodulation will be developed. Various modulation and demodulation techniques used in analog communication, noise handling and multiplexing. Insights to these problems will be uncovered along the way.

ENEL 300 ELECTRONICS II

This is the second course in a three-course sequence in analog and digital electronic circuit analysis and design. Having attained basic knowledge of electronic devices like diodes, transistors, FET's and elementary circuits, this course will enable the students to learn about the use of transistors in analog circuits like power amplifier, multistage amplifier etc. The laboratory experiments associated with this course involve circuit simulations using Spice and measurement.

ENMP 300 MICROPROCESSORS FUNDAMENTALS

Studies of architecture, operation, programming, and application of microprocessor systems. The topics include microprocessor architecture families; assembly language programming; exceptions and interrupts; general-purpose input/output; timer function; memory and address decoding; analog input/output; and serial data communications.

ENDP 350 DIGITAL SIGNAL PROCESSING

This course deals with the digital processing of signals in time and frequency domains. The course covers the following topics: Basic Concepts: Sampling, aliasing, quantization. Digital filters: Difference equations, impulse and step responses, frequency response, z-plane zeros and poles. FIR filters: Design and analysis, linear phase characteristics, realizations. IIR Filters: Butterworth, Chebyshev, Elliptic, realizations, stability, transient analysis. Complex Filters: FIR, IIR, realizations. State Space Analysis: State space equations, state space parameters. Fourier Analysis: DFT, FFT, DCT, spectrum, spectrogram, cepstrum. Fourier Processing: Block diagram, signal segmentations, overlapping. DSP Implementation: DSP chips, integer and floating point processors, errors, parallel processing. DSP Applications Communications, audio, image.

CECN 400 COMMUNICATION NETWORKS

This course focuses on theory behind the computer networks. It discusses how local area networks, to the wide area networks and global Internet, are built. The use of computers to share information and communicate with one another is explained. The concept of networking layers is fully analyzed and discussed. A computer communication (or network) protocols are explained. Application layer

protocols such as Domain Name System, e-mail protocols, and the Hypertext Transfer Protocol are explained. The learning of transport layer protocols, including the Transmission Control Protocol (TCP) and the User Datagram Protocol (UDP). The study of network layer Internet Protocol (IP) and packet routing protocols. A discussion of link layer protocols in addition to voice and video protocols, network security, and cloud computing

CEAP 400 ANTENNAS AND PROPAGATION

Antenna fundamentals, Radiation from a short current dipole, Far field approximation, Radiation pattern, Radiation resistance. Radiation integral approach, dipole and monopole antennas, Image techniques, Antenna arrays, Broadside and end-fire arrays, Pattern multiplication, Pattern synthesis, Binomial and Chebyshev arrays, Aperture antennas, Fourier transform method, Field equivalence principle, Sky-wave and space-wave propagation, line-of-sight microwave links.

CEDC 400 DIGITAL COMMUNICATIONS

The course provides basic principles of the analysis and design of modern digital communication systems. Topics include baseband transmission, bandpass modulation and demodulation techniques, link budget analysis, optimum receiver design and performance of digital communication systems in the presence of noise.

CEIC 400 INFORMATION THEORY AND CODING

This course covers information theory and coding within the context of modern digital communications applications. We begin with a directed review of probability and digital modulation schemes. We then introduce: Information – Entropy, Information rate, classification of codes, Kraft McMillan inequality, Source coding theorem, Shannon-Fano coding, Huffman coding, Extended Huffman coding - Joint and conditional entropies, Mutual information - Discrete memoryless channels – BSC, BEC – Channel capacity, Shannon limit.

ENPR 401/402 GRADUATION PROJECT

ENPR 401/402 Graduation Project is a two-semester design course oriented to the solution of engineering problems. The mission is to enhance engineering education through a graduation project experience that integrates engineering theory, principles and processes within a collaborative environment. Working in multidisciplinary teams and following an engineering design process, students will assess customer needs and engineering specifications, evaluate concepts, resolve major technical hurdles, and employ rigorous engineering principles to design a prototype which is fully tested and documented. The process for the team assignments/formation will combine the interests and a balance of the team academic performance. Each team will have 3-4 members. Hence, it starts by filling a standard form and indicating the student's project preferences. This should be done by the end of week 1. The results and the formation of the teams will be announced by the middle of week 2.

ENES 400 EMBEDDED SYSTEMS

The purpose of this course is to expose students to both the fundamentals of hardware and firmware design of a digital embedded system. It focuses on the boundary between hardware and software operations. Students will learn about a computer system from various abstraction levels from the digital logic gates to software applications. Topics include - Fundamental design techniques & concepts of embedded systems, architecture and programming of embedded processors, basic services provided by real-time operating system ("RTOS") kernels, design and development of code and application software, interfacing, device drivers and input/output devices, applications of embedded systems in consumer electronics, automotive, aerospace, mobile, digital control and other real time systems. Thus this course will provide a solid foundation in computer systems architecture. Depending on the interests of the students, other topics may be covered.

CEOC 400 OPTICAL COMMUNICATIONS

This course has been designed to demonstrate the elements that drive the growth in optical communication systems. Students thus begin with a foundation and working principles of modern photonics concepts/terminology, major opto-electronic devices/components, optical fiber wave

guiding, fiber transmission characteristics, optical communication systems, and device measurement/handling. Detailed coverage of important optical fiber and free space networks for future communication applications and the integration of both the facilitating technologies and the networks that result, are being considered. Specialist knowledge of the strategies and techniques involved in the design and implementation of optical communication systems is also being aimed at through this course.

CESC 400 SATELLITE COMMUNICATIONS

The course is intended to lay the foundations for more advanced studies in satellite communication systems. It examines satellite communication with emphasis on current satellite systems and their link budgets. Topic will include overview of satellite services, orbital mechanics, transmission losses, the link budget power equation, system noise, carrier to noise ratio, the combined uplink and downlink C/N, possible modes of interference, interference between the different satellite circuits, satellite access techniques.

CEWC 400 WIRELESS COMMUNICATIONS

This course introduces the fundamentals of communications in the wireless domain and provides an overview of current and emerging wireless communications networks. Fundamental techniques in design and operation of the first, second, and third generation of wireless cellular networks are looked into, including medium access techniques, error control techniques, radio propagation models, power control, handoff, common air protocols (AMPS, IS-95, IS-136, GSM, GPRS, EDGE, WCDMA, UMTS, HSPA, LTE etc.), radio resource and network management. Future wireless networks, mobile SDN WLAN, WiMAX, wireless local area networks (IEEE 802.11), wireless sensor networks for the Smart Grid and Bluetooth LANs, and Ad hock Sensor Networks are discussed if time permits. Students also become familiar with antennas and propagation, spread spectrum, error control and coding through the course.

ENAI 400 AUDIO AND IMAGE PROCESSING

This course deals with the digital processing of audio and image signals in time and frequency domains. The course covers the following topics:

Audio Concepts: audio transducers, analogue and digital audio signals, oversampling techniques, storage media

Audio Analysis: time and frequency domain, spectrograph

Audio Filtering: noise enhancement, special audio effects, echo, reverberation

Image Concepts: capturing devices, output devices, display systems, printers

Image Representation: spatial domain analysis, RGB, CMYK and Ycbcr, frequency domain analysis, 2D FFT and DCT

Image Interpolation: bilinear, bicubic, image assessment techniques

2D Filtering: FIR filters, smoothing and sharpening filters, edge detectors, median filters

Image Enhancement: Brightness and contrast improvement, color adjustment, noise smoothing

Image Restoration: image degradation, additive and multiplicative noise, Wiener filters, blurring, inverse filtering

Image Segmentations: point and line algorithms, thresholding, growing techniques

Image watermarking: robust and fragile watermarking, transform domain techniques

26.14 Concentration: Power and Energy Engineering

ELCE 340 POWER & MACHINES

The course focuses on the concept of power engineering and machines. It covers Electrical machines, DC machines, AC machines, transformers, three phase transformers, stepper motors, power transmission, power distribution.

ELPE 401 Power Distribution and Smart Grid Systems

The course covers the power distribution systems. It covers the fundamentals of smart grid. It explains the functions, the design criteria and the tools and techniques and technology needed for building smart grid. It covers the design, analysis and development of Smart Grid. Discuss the essential factors of Smart Grid appropriate for enabling the performance and capability of the power system. It discusses the Standards and requirements needed for designing new devices, systems and, the automation and computational techniques need to ensure that the Smart Grid guarantees adaptability, foresight alongside capability of handling new systems and components.

ELPE 402 Power System Stability and Control

The course covers the analysis of the dynamic performance of interconnected power systems. Examines the characteristics of the various components of a power system during normal operating conditions and during disturbances. Explores the detailed mathematical models of system components and analyzes the system behavior using the necessary computational tool. Electromagnetic torque and mechanical torque are explained.

ELPE 403 High Voltage Engineering

The course covers the concepts of electrical insulation requirements, over voltages in power system and protection methods. Over voltages in electrical systems are analyzed. The discussion of electrical breakdown in gases, solids and liquids. The analysis of various techniques for the generation of high voltages and high currents. Explain the measurements of high voltages and currents. The discussion of high voltage testing and insulation.

ELPE 404 ELECTRIC DRIVES

The course covers the application of semiconductor switching power converters to variable speed DC and AC motor drives. The course also includes the following topics: steady state theory and analysis of electric motion control in industrial, robotic and traction systems.

ELPE 405 POWER ELECTRONICS

This course covers the fundamentals of power electronics and a broad range of topics such as power semiconductor devices, switching losses, snubber circuits, conversion methods, single-phase and three-phase inverters, continuous and discontinuous current operations, design of power converters circuits and their applications on electric drives motion control and power systems.

ELPE 406 POWER SYSTEM PROTECTION

The course covers principles of power system protection and teaches student strategies to design reliable protection systems. The course also covers main applications of power system protection to generators, transformers, motors and transmission lines.

ELPE 407 RENEWABLE ENERGY SYSTEMS

The course gives an overview of the evolution of the electric power industry historical evolution. The course focuses on the modeling and control of renewable energy sources such as wind power, solar energy and fuel cells. The course also covers the integration of renewable energy systems with the distribution grid.

ELPE 408 INDUSTRIAL INSTRUMENTATION

This course aims to provide a basic understanding of sensors and instrumentation, and their use within measurement systems. The topics include measurement system components/stages, instrument calibration and measurement reliability.

ELCE 400 ARTIFICIAL INTELLIGENCE

The course covers the concepts of Artificial Intelligence (AI), teaches students the methods of solving problems using AI and introduces them to the concepts of machine learning and deep learning.

27. Academic Regulations

27.1 Sanctions & Repeat Offenses

Student violations will be referred to the SIC committee who will in turn recommend appropriate disciplinary sanctions to the President. A sanction refers to a decision made by the SIC in response to any student action not in compliance with the Code of Student Conduct thus is considered as a violation.

Sanctions should be proportionate to the nature, severity and regularity of the violation(s). These sanctions may fall into one or more categories. Students with repeat offenses receive higher penalties. Any evidence related to the violation(s) must be kept with the SIC committee till the release of the SIC report (including cheat sheets ...). If a student manages to hide the instrument used for cheating, or the invigilator suspects there has been a possible violation but can't see the instrument used, then the invigilator has the right to privately frisk the suspected student. This may be done only in the presence of a witness and both have to be of the same gender as the student. For all such cases, a hearing must be held in order to hear all parties involved and to recommend disciplinary action, if deemed appropriate, according to the outlined UD procedures. An informal resolution may be achieved when the violation is minor and can be resolved between the respondent and a Faculty/Dean/Director.

27.2 Disciplinary Sanctions

27.2.1 Warning Letter

In the event of the violation is not likely to cause harm to another person in the UD community, a confidential warning letter is sent to the respondent concerned declaring him/her to be in breach of the Code of Student Conduct and demanding that he/she cease the prohibited behavior forthwith. The complainant shall be notified that the respondent has been warned, but that no public disclosure

shall be made. The complainant shall be advised that the initial decision is strictly confidential. A copy of the warning letter must be sent to the Chair of SIC for records.

27.2.2 Failing a Course

The respondent receives an “F” in a certain course and may not be allowed to attend classes for this course for the rest of the semester. This sanction is appropriate when the respondent repeatedly violates the classroom code of conduct. It is also appropriate when the student objects to the invigilator’s instructions during an exam. Re-offence leads to ‘Suspension (5)’.

27.2.3 Failing a Semester

The SIC committee may choose to fail the respondent in all courses currently registered in. This is also the penalty for ‘Repeating Courses (2)’.

27.2.4 Registration Hold

The respondent may not register in any courses, or receive any transcripts or access any of his/her records until s/he clears up the reasons for which s/he received this sanction. This is applicable when the student has outstanding payments for damage to UD property, or the respondent failed to attend the SIC hearings.

27.2.5 Suspension

The respondent is prevented from attending or registering in any courses at UD for one or more regular terms as deemed appropriate by the SIC committee after approval by the UD President. This is appropriate when verbal aggressiveness or similar offenses were committed against any member of the UD community, intentional damage was done to UD property or where defamation of the university has occurred.

27.2.6 Expulsion

The respondent is permanently barred from attending any courses or events at UD. This sanction by the SIC (after approval by the UD President) is appropriate if:

- The violation is committed with malice, and is of a kind likely to cause harm to another person in the UD community.
- The respondent has been suspended before.

27.3 Disciplinary Probation

Disciplinary probation can be given to a respondent who previously received a disciplinary warning letter or committed any violation that led to any of the above sanctions, except “Registration Hold.” The SIC committee may also recommend disciplinary probation for any other cases that it considers grave enough to deserve this sanction. When a respondent is on disciplinary probation, s/he shall not represent the University in any capacity (sports teams, competitions, etc.), nor hold office in the UD Student Union or any other student organization.

27.4 Other Sanctions

When deemed appropriate, other “educational sanctions” may be imposed by the SIC in combination with any of the above-listed sanctions. The respondent may be requested to participate in a community service project, attend a seminar, meet with the student counselor or undertake a research assignment, for example.

27.5 Repeat Offenses

27.5.1 Failing a semester:

The second time a student receives this sanction, she/he will get suspension for one semester. Any courses taken outside during suspension will not be transferred at UD. The third time will lead to expulsion.

27.5.2 Suspension:

The second suspension will be for two semesters while the third will lead to expulsion.

27.5.3 Disciplinary Probation

The first offense during the disciplinary probation period will lead to a suspension for one semester. A second offense during the disciplinary probation leads to a second suspension for two semesters while any further violation will lead to expulsion.

27.5.4 Academic Standing

- After completing at least 15 credit hours, the academic standing of an undergraduate student (UG) is recorded on the transcript as either "Good" or "Probation". A student with a cumulative Grade Point Average (CGPA) of at least 2.0 will be considered to be in 'Good' academic standing.
- A student with a CGPA below 2.0 (after completing 15 credits) will be placed under academic probation (i.e. At –Risk) status, and will accordingly receive a first academic warning, that will show on his/her transcript and in the student's portal. The study load for a student on academic probation will be reduced to a maximum of 12 credit hours for each of the Fall and Spring semesters and three (3) credit hours for each short semester. Priority must be given to retaking either failed courses or courses where a "D or D+" grade were achieved, prior to registering for any new courses.
- The academic probation will be removed only when the student's CGPA reaches at least 2.0. However, the transcript will still show any academic warning in previous semesters. If a student fails to improve his/her CGPA sufficiently by the end of the following semester, he/she will stay on academic probation and will receive a second academic warning. If a student reaches the third consecutive academic warning, he/she shall be dismissed from the program. The President may decide to grant these students an additional period to adjust their CGPA on a case by case basis. This process is repeated anytime the CGPA drops below 2.0.

27.6 Normal Study Load

- The normal study load for an UG student in "Good" standing ranges from 12 to 18 credit hours in a regular semester, and from 3 to 6 credit hours in a short session.
- A student may request to take less than 12 credits in a regular semester. Such cases are to be evaluated and approved on a case by case basis by the Program Director/Dean based on the recommendations of the Academic Advisor.
- A graduating student with a CGPA of at least 3.6 may be allowed to raise his/her study load to 21 credits with the approval of the student's Advisor.
- A non-graduating student with a CGPA of at least 3.8 may be permitted to register 21 credits with the approval of the student's Advisor.
- The maximum study load for a student on academic probation will be reduced to a maximum of 12 credit hours for each of the Fall and Spring semesters and three (3) credit hours for the short semester. The load is reduced by the advisor in order to address the student's needs to improve his/her academic performance.

- A student with conditional admission may have a lower load.
- Other study load-related exceptions may be considered on a case by case basis based on the recommendations of the Academic Advisor with the approval of the Director/Dean and in concurrence with the Registrar.

27.7 Study Plan – Sequence of Courses

- A student is expected to follow the UD-published plan of study which also outlines the pre-requisite courses, in coordination with his/her academic advisor.
- A student on “Probation” / “At Risk” must seek the advice of his/her academic advisor in planning his/her study plan every semester.
- A graduating student with a CGPA of at least 3.0 may be allowed to register in a pre-requisite specialization course(s) as a co-requisite(s). Such cases must be recommended by the student’s advisor and approved by the Program Director/Dean in concurrence with the Registrar. Other exceptions⁴ may be considered on a case-by-case basis by the Program Director in concurrence with the Registrar.
- A student may be allowed to take some courses off-campus but this is subject to certain conditions.

27.8 Attendance and Absenteeism Warnings

Attendance and participation in all classes and lab sessions are mandatory and essential to the process of education at UD. The University believes that class attendance ensures students’ involvement with their instructors and fellow peers, which is a vital component of the students’ academic preparation. For this reason, students are expected to attend classes regularly. An absence hinders progress for the individual as well as for the class, and affects students’ learning outcomes and grades.

27.8.1 Undergraduate Programs:

UD regulations for class attendance and absenteeism warnings imposed on all courses are as follows:

- All credit courses are normally offered in two consecutive sessions of one hour and twenty minutes each. A twenty-minute break is given after the first session.
- Students’ attendance usually takes place at the beginning of the class and after students return from the break. The attendance should be recorded on CAMS. However, faculty members are highly recommended to record attendance manually as well to verify in cases of discrepancy.
- A student has access to information related to his/her course attendance through the Students’ Portal (CAMS).
- A faculty member is allowed 24 hours to make amendments to the student’s attendance record in CAMS. A faculty member may also request the Registration Department (RD) to modify a student’s attendance up to the following lecture if there is a valid reason for the request. If the RD receives too many enquiries to modify the record by the same faculty member, then the RD should refer the matter to the Program Director/Dean for information and further appropriate action.
- A student is sent a warning through his/her UD e-mail and CAMS (portal) when his/her absences reach 10% of class time for a given course. A pop-up message notifying the student regarding his/her attendance status will show once he/she signs into the Students’ Portal (CAMS).
- Once a student’s absence in a course reaches 20% or 6 sessions of class time, he/she will be deprived from attending the midterm and/or the final exam. A grade of “FA” will be recorded for the course, and will count towards the student’s CGPA. However, if a student’s absence is for a UD-valid reason, then the student’s “FA” status will be changed to “Withdrawn” from the course by

⁴This may include cases where the co-requisite course is not offered in the same semester.

the Registrar. A deprived student may not attend any further exams; however, he/she still has the right to attend the remaining classes.

- Late Arrival: A student who arrives within the first 10 minutes in each of the first and second sessions will be marked as having “Late Attendance”. The system will automatically register one absence for each three “late attendances”. A student who arrives later than 10 minutes in either session will be marked as absent.
- Absenteeism percentages are calculated according to Table below:

27.8.2 Absence Decisions

Duration of Lecture	Program(s)	Number of Session Absences		
		10%	≥25% without valid Excuse (Deprived-FA)	≥25% with valid Excuse (Withdrawn)
1 hour 20 minutes	Under-graduate	3 Absences	≥ 8 Absences	≥ 8 Absences

- A UD-acceptable/ valid excuse (see Section 5) within the maximum limit does not nullify the absence, but will cancel any penalties normally imposed for absence in an assignment or group work.
- Warnings are issued to the student irrespective of the validity of his/her absence excuse.
- Absence is recorded from the first class session following course registration/adding date.

27.8.3 Valid UD Excuses for Class Absence/ Missing Exams

- The UD-valid excuses include representing the UAE government on an official mission (e.g. competition/conference/exhibition), emergency in the Armed Forces or Police that necessitates the absence. In such cases, the students received a 50% discount on make-up exam fees.
- Other valid UD-excuses include a leave to fulfill UD assignments, death in the close family, or certified hospital admission. In such cases, the student is exempted from paying the make-up exam fees.
- Other exceptional cases, besides the aforementioned in 5.1 and 5.2, can be evaluated on a case by case basis by the Registrar. If approved, the student must pay the full exam fees.
- All excuses must be substantiated by evidence.
- Financial Penalties for make-up exams may be waived only by the UD President on a case by case basis.
- A list of approved makeup exams will be sent to the relevant college, which will be responsible for running makeup exams. All makeup exam results must be sent to the Registrar within 96 hours from the date of the make-up exam, which should be scheduled within one (1) month from the original examination date for the mid-term exam, and within one (1) month from the beginning of the following regular semester for the final exam.
- In all cases, the faculty members are financially compensated for makeup exams.

27.8.4 Missing Exams / Quizzes Policy

- If a student misses a quiz for an excuse that is acceptable by the instructor, the student must arrange with the instructor to re-sit for the quiz at a suitable time before the final exam.
- Failing to Attend a Midterm Exam
 - Written valid excuses along with evidence/proof should be presented to the Registrar within seven days from the missed exam date.
 - All midterm make-up exams must be held by the colleges within one month from the original exam date. In short semesters, mid-term makeups must be done before the final exams.
 - Only one make up exam can be administered per course.
 - Exams must be held in a formal setting with the presence of a supervisor.

- All make-up exams will be out of 100% (no deduction or penalty).
- If the student does not attend the midterm make-up exam on the specified date, he/she will be deprived from any further midterm make-up exams even if he/she provides an acceptable excuse. In such a case, the grade for the midterm exam will be reported as zero. However, the student is still allowed to attend the remaining of the course.

27.8.5 Failing to Attend a Final Exam

- A student who misses the final exam of any course will normally receive an “F” grade for that course (even if his total grades are above the passing grade).
- Where there has been a documented UD-valid reason the student must submit the excuse /report to the Registration Dept. (RD) within four working days of the missed/scheduled exam. In such a case, the student with an accepted excuse will receive an Incomplete “I” grade, adjusted by the Registrar. Requests submitted at a later date will not be considered.
- Make-up final exams will be administered by the respective college soonest possible and before the completion of 30 days from the beginning of the following regular semester as scheduled by the RD.
- If the student fails to attend the make-up exam on the specified date, he/she will be deprived from any further make-up even if she/he provides an acceptable excuse. In this case she/he will receive an “F” for that course.
- The student's final grade for the "Incomplete" course will be considered as part of the result of the academic semester in which the student registered for the course.

27.9 Repeating Courses

A student who re-registers to repeat a course must attend all classes as a regular student and complete the required class work/homework/assignments/projects to earn the final grade for the course.

27.10 Failing Grade

- A student who fails in a non-elective course must repeat it. A student may not repeat a course more than twice⁵.
- A student who fails in a course three (3) times shall be dismissed from the program.
- All grades shall appear on the transcript but only the passing grade is used to calculate the cumulative GPA.
- For elective courses, a student may repeat the same course or its substitute in accordance with the approved study plan, however only the passing grade is used in the calculation of the CGPA.
- Exceptions can be evaluated by the Provost/President based on the recommendations of the Program Director/Dean.

27.11 Passing Grade

- A student wishing to repeat a passed course in order to raise his/her grade/GPA, may not repeat that course more than twice.
- Both grades will appear in the transcript but only the higher grade will be counted towards the CGPA.

27.12 Drop & Add

⁵ The Academic Advisor must closely monitor the performance of students with repeated failures in the same course.

- The Drop & Add period is normally for one week after the start of classes, during a regular semester/term, and for two days only during short semesters.
- During this period, a student may drop or add a course or more.
- A student who wishes to drop and add courses should normally consult his/her academic advisor and complete the Drop & Add form. At-Risk students cannot make any changes to their study plan without the approval of their advisors. For more information, refer to the section titled “Study Load” in this policy.
- There will be no financial penalties for Drop and Add activities in regular semesters. However, dropping a course in a short semester is liable to a financial penalty even if done in the first two days from the start of the semester

27.13 Student Appeals Policy and Procedures

The students may appeal a decision by following the procedure:

27.13.1 Final Grade Appeal

A student who believes that a final grade has been inequitably awarded should file an appeal at the Registrar’s office by completing the “Grade Appeal Form” within 14 days following the announcement of the grades by the Registrar. The Grade Appeal form is available in the Registrar’s office or alternatively may be downloaded from the UD webpage.

The Registrar will forward the appeal to the concerned Dean for action. The Dean will appoint two faculty members (not including the course instructor) to review the final exam paper and schedule a meeting time convenient for all concerned parties. The faculty members selected may be non-subject related.

27.13.2 Procedure to review the exam paper:

The two faculty members must sit face-to-face with the student to review individual questions by comparing the student’s answer sheet with:

- The sample answer sheet,
- The answer sheet of an A grade student, and
- The answer sheet of a B grade student.

This review must be completed within five working days upon receiving the appeal from the Registrar’s office. The student must be informed in writing by the Dean of the results of the appeal within two days after the review. The Dean will report any change in the grade(s) to the Registrar’s office using the “Grade Change Form”. The decision is final.

28. Full Time Faculty

A

Abdul Hadi, Sabina, PhD, Masdar Institute of Science and Technology (currently Khalifa University), UAE, 2016; Assistant Professor in Electrical Engineering, College of Engineering and Information Technology

Al Ahmad, Hussain, PhD, The University of Leeds, UK, 1984; Professor in Electrical Engineering; Research Advisor to the President; Provost

Al Khazaleh, Hamzah, PhD, University of Malaysia, Malaysia, 2016; Assistant Professor in CEIT

Al Khatib, Mohammed, PhD, University of Texas, USA, 2018; Assistant Professor in CEIT

Al Murraqab, Nasser, PhD, University of Dubai, UAE, 2018; Assistant Professor in Management; Chief Operating Officer

Al Qaruty, Reema, PhD, University of Jordan, Jordan, 2016; Senior Lecturer in GUCR

Amin, Saad, PhD, Loughborough University, UK, 1993; Associate Professor, College of Engineering and Information Technology; Director, College of Information Technology

Anadol, Gulcin Yaprak, PhD, Hacettepe University, Turkey, 2007; Assistant Professor in Marketing

Arnaut, Marina, PhD, Edinburgh Business School Heriott Watt, 2013; Assistant Professor in Management

Atallah, Shadi, PhD, Polytechnic of Turin, Italy, 2012; Assistant Professor in Electrical & Computer Engineering

B

Behery, Mohamed Hussein Kamel Azab, PhD, University of Glasglow, UK, 2005; Associate Professor in Management

Bin Ahmad, Kamarul Zaman, PhD, University of, 2001; Professor in Management; Chair, AACSB committee.

Bostany, Wadih, MS, The British University in Dubai, UAE, 2018; Lecturer in GUCR

Bourini, Islam Faisal Abdul Rahman, PhD, Tenaga Nasional University, Malaysia; Associate Professor in Management

C

Carberry, Damien Robert, PhD, Senior Lecturer in GUCR

Copiaco, Abigail Casten, PhD, University of Wollongong, Dubai, 2021; Assistant Professor in CEIT

D

Daradkeh, Mohammad, PhD, Lincoln University, New Zealand, 2012; Associate Professor in CEIT

Dawood, Dieana, PhD, University of Surrey, UK, 2019; Assistant Professor in CEIT

Dungore, Parizad Phiroze, PhD, Nagpur University, India; Assistant Professor in Finance and Accounting

F

Fachka, Claude, PhD, Concordia University, Canada, 2015; Assistant Professor in Electrical & Computer Engineering

G

Gachino, Geoffrey, PhD, UNU MERIT, Maastricht-Netherlands, 2006; Assistant Professor in Economics & Statistics;

Gadhafi, Rida, PhD, Universite De Grenoble, France, 2019; Assistant Professor in Engineering

Gawanmeh, Amjad, PhD, Concordia University, Canada, 2008; Assistant Professor in CEIT

H

Himeur, Yassine, PhD, 2015; Assistant Professor in CEIT

Halawani, Yasmin, PhD, Khalifa University Abu Dhabi, UAE, 2019; Assistant Professor in CEIT

Hussain Sher Afza, Rahim, PhD, Griffith University, Australia, 2008; Associate Professor in Marketing

K

Karathanasopoulos, Andreas, PhD, Liverpool John Moores University, 2012; Professor in Banking & Finance

Khalil Al Qadi, Hatem, Master, University of Maharaja, 1999; Instructor in English and Literature; Director, GUCR

L

Lahmar, Arij, PhD; University of Sfax, Tunisia, 2016; Assistant Professor in Management

M

Mahmoud, Fahed, PhD, Politecnico di Torino, Italy, 2015; Assistant Professor in DBS

Mansoor, Wahiq, PhD, The University of Aston in Birmingham, UK, 1991; Dean, College of Engineering and Information Technology; Director, Center for Entrepreneurship & Innovation

Markarian, Christine, PhD, University of Paderborn, Germany, 2015; Assistant Professor in CEIT

Masrouki, Asma, PhD, Higher Institute of Management Tunis, Tunisia, 2012; Associate Professor in DBS.

Miniaoui, Sami, PhD, HEC Lausanne, Switzerland, 2009; Assistant Professor in Electronics and Communication Engineering

Mukhtar, Husameldin Hussain, PhD, Khalifa University, UAE, 2015; Assistant Professor in Communications Engineering; Director, College of Engineering

N

Najim Mohammed Al Khafaji, Ahmed, PhD, IIT Roorkee, 2000; Assistant Professor in Mathematics

Nasiruddeen, Muhammad PhD, University of Dundee, Scotland UK, Professor in International Arbitration, International Economic Law.

O

Osman, Mohammed, PhD, University of Massachusetts, 1998; Professor in Economics & Statistics;

P

Panthakkan, Alavikunhu, PhD, Banasthali University, India, 2015; Assistant Professor in

Electronics Engineering - Image Signal Processing

Prasad, Arun, PhD, IIT Madras, India, 2007; Associate Professor in HRM; Director, CBRC.

R

Rababa, Mohammed, PhD, University of Manchester, UK, 2014; Assistant Professor in Law, Intellectual Property Trademarks; Director, College of Law

Rahat, Iqbal, PhD, Coventry University, UK, 2005; Associate Professor in CEIT

Rao, Ananth, PhD, University of Minnesota, USA, 1991; Emiritus Professor in Finance

S

Slim, Skander, PhD, University of Paris, France, 2006; Associate Professor in Finance

Suleymanova, Sara, MA, University of Brighton, UK; Instructor in English

T

Tabche, Ibrahim, PhD, University of Bath, UK, 2002; Associate Professor in Management; Acting Director QA&IE; Advisor to the President on Strategic Quality

Assurance & Institutional Effectiveness.

Telfah, Sadeq, MA, Yarmouk University, Jordan; Lecturer in GUCR

W

Wahbah, Maisam, PhD, Khalifa University Abu Dhabi, UAE, 2019; Assistant Professor in CEIT

Washika, Saheem, PhD, University of Luneburg, Germany; Dean, Dubai Business School

Genanew, Worku-Bekele, PhD, Johannes Kepler University of Linz, Austria, 2008; Associate Professor in Economics & Statistics; Director, Graduate and Undergraduate Studies

Y

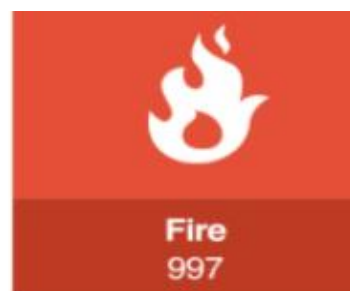
Yesuraj, Daina, Master in Biotechnology, Bharathidasan University, 2012; Lecturer GUCR

Z

Zitouni, Mohammad Sami, PhD, Khaliffa Univesity Abu Dhabi, UAE, 2019; Assistant Professor in CEIT

29. APPENDIX-1: Directory

Department	Telephone	Email
Admissions/Enrollment	04 556 6872	ssaheed@ud.ac.ae
Alumni Relations/ Career Development/ Internships	04 556 6820	amarzak@ud.ac.ae
College of Engineering and IT	04 556 6932	amphilip@ud.ac.ae
College of Law	04 556 6953	mnoufal@ud.ac.ae
Dubai Business School	04 556 6926	mbiscuitwala@ud.ac.ae
External and International Relations	04 556 6903	rsanjose@ud.ac.ae
Facilities services	04 556 6892	harafat@ud.ac.ae
Finance	04 556 6840	hayounes@ud.ac.ae
General Undergraduate Curriculum Requirement (GUCR)	04 556 6965	lashok@ud.ac.ae
Health Center	04 556 6823	lmathai@ud.ac.ae
Human Resources	04 556 6861	nhaja@ud.ac.ae
Information Technology	04 556 6888	helpdesk@ud.ac.ae
Library and Learning Resources	04 556 6830	aamour@ud.ac.ae
Marketing Department	04 556 6870	hbeaini@ud.ac.ae
Provost	04 556 6902	ggachino@ud.ac.ae
Procurement and Logistics	04 556 6890	akhalid@ud.ac.ae
Quality Assurance & Institutional Effectiveness (QA&IE)	04 556 6812	qaie@ud.ac.ae
Registrar	04 556 6850	bzabalawi@ud.ac.ae
Research and Graduate Studies	04 556 6953	mnoufal@ud.ac.ae
Student Services	04 556 6871	halmaaini@ud.ac.ae
Emergency Numbers		
Security	04 556 6899	udsecurity@ud.ac.ae



30. APPENDIX-2: Dubai Business School (DBS)

Appendix 2.1 Bachelor of Business Administration (BBA)

In order to graduate, the students follow a prescribed sequence of course. This sequence focuses on general Education and supporting business Requirements providing students with a broad-based and well-rounded knowledge through acquiring communication skills, problem-solving and IT skills, as well as an understanding of general business concepts. This solid background enables students to complete the specialization requirements in one of their areas of interest during the third and fourth year of BBA program. This is further supported by electives chosen from a selection of different courses, to broaden students' knowledge and enhance their specialized skills.

Appendix 2.2 BBA Program Objectives and Learning Outcomes

At the end of the BBA program, the student is expected to accomplish the following general and management-specific learning objectives.

Appendix 2.2.1 BBA Program Objectives

1. Develop the ability to think critically and analytically, and behave and perform ethically across the areas of concentration.
2. Develop a global perspective and adapt to dynamic international and UAE cultural issues in business and management concepts.
3. Apply written and oral communication skills in one's area of professional interest.
4. Demonstrate competence to effectively utilize information technology.
5. Demonstrate knowledge of concepts in business functions in a variety of organizational settings.
6. Synthesize information from the functional areas and apply business theory to practical decision making situations.

Appendix 2.2.2 Accounting Learning Outcomes

1. Develop analytical skills and activities to perform the accounting role in various functional areas in business including: finance, marketing, management and information systems.
2. Use Information Technology to effectively perform their accounting role, encompassing all functional areas.
3. Understand the process of decision-making and its implications.
4. Assess existing accounting systems in the UAE and internationally.
5. Understand the ethical dimension of business and accounting.

Appendix 2.2.3 Finance and Banking Learning Outcomes

1. Comprehend and apply finance and banking theories for analyzing business opportunities in these areas.
2. Develop problem-solving strategies for financial decision-making.
3. Work with corporate houses to further develop their skills.
4. Promote multi-disciplinary research and consultancy with the local business community through standard work-based projects and internship.

Appendix 2.2.4 Management Learning Outcomes

1. Achieve organizational goals by utilizing human resources, material resources, and financial resources of the organization in the most efficient and effective manner possible.

2. Use their knowledge and skills in handling tasks and responsibilities faced by managers, including but not limited to delegating, communicating, team-building, decision-making, and problem-solving.
3. Perform managerial functions such as strategic planning, organizing, coordinating, leading, and motivating others to meet organizational goals.
4. Understand the complexities of domestic as well as international environments and to develop strategies to remain competitive in terms of cost and quality and to maintain high levels of productivity.
5. Guide organizations to meet challenges of today's world and adapt to change.

Appendix 2.2.5 Marketing Learning Outcomes

1. Apply marketing management skills in offline as well as online environments.
2. Develop marketing strategies to meet the needs of the UAE organizational environment.
3. Improve the effectiveness of the marketing function in organizations, using marketing research and information.
4. Design effective segmentation and positioning strategies, using the marketing mix.
5. Demonstrate ability to formulate and assess international marketing strategies.

Appendix 2.2.6 Human Resources Management Learning Outcomes

1. Demonstrate skills in all areas of human resources management.
2. Analyze HR systems in the UAE and in international firms.
3. Formulate and Implement HR strategies for competitive positioning of the firm.
4. Evaluate HR systems.

Appendix 2.2.7 Entrepreneurship Management Learning Outcomes

1. Demonstrate entrepreneurial skills to start small and medium-sized businesses.
2. Develop an effective business plan.
3. Implement and evaluate business plans.
4. Manage venture growth and transition.

Appendix 2.2.8 Supply Chain and Logistics Management Learning Outcomes

Students with a BBA in Supply Chain and Logistics Management should be able to:

1. Demonstrate management of operations (value-adding) processes (i.e., manufacturing, service production and delivery, distribution, supply etc.)
2. Evaluate skill development that is focused on SCLM, i.e., TQM, continuous improvement, productivity enhancement, time-based competition.
3. Analyze operations decisions such as new product development, supply chain capacity planning, process technology planning, factory automation, and production systems planning.
4. Promote multi-disciplinary research and consultancy with the local business community through standard work-based projects and internship.

Appendix 2.2.9 Customs Learning Outcomes

1. Demonstrate technical knowledge and skills that will enable them to have a successful career in the customs profession and integrate this knowledge in a variety of business and inter-disciplinary settings
2. Analyze the key issues with regard to the social impact of advanced and emerging customs technologies to find solutions to Customs problems through logic & Creativity.

3. Develop the communication skills and social skills of the students that are necessary to work effectively with technical and non-technical custom professionals.
4. Contribute to the needs of the society by providing students with the intellectual skills necessary to continue learning and to stay current with the professionals as it changes.
5. Build and lead team of professionals to tackle Customs challenges.

Appendix 2.3 BBA Program Structure

The BBA program is structured such that students follow a prescribed sequence of course. This sequence begins from general Education and supporting business Requirements providing students with a broad-based and well-rounded knowledge through acquiring communication skills, problem-solving and it skills, as well as an understanding of general business concepts. This solid background enables students to complete the specialization requirements in one of their areas of interest during the later semester of the BBA program. This is further supported by electives chosen from a selection of different courses, to broaden students' knowledge and enhance their specialized skills. In order to graduate, students enrolled in the undergraduate programs must maintain a cumulative GPA of not less than 2.00 and complete 129 credit hours according to their academic plan within the maximum specified timeframe of seven (7) years.

Appendix 2.4 Bachelor of Business Administration Curricula

Appendix 2.4.1 Bachelor of Business Administration – General Requirements

Course No.	Course Title	Semester	C.H.	GEDU 100	Education & the Future	1or2	3
1. General Educational Requirements – 30 CR. HRS				GTOR 100	Leisure & Tourism in a Contemporary Society	1or2	3
3.Natural And Applied Science Requirements-6 CR.HRS				GSUS 200	Sustainability	1&2	3
*GIEC 105	Innovation, Entrepreneurship and Career Planning	1&2	3	GHSO 100	Health & Society	1or2	3
*ENGL 100	English I	1&2	3	GBIO 100	Biotechnology	1or2	3
*ENGL 105	English II	1&2	3	GHUB 100	Human Biology	1or2	3
*GMAT 110	Mathematics for Business I	1&2	3	4.Supporting Business Requirements-24 CR.HRS			
*GMAT 115	Mathematics for Business II	1&2	3	*GCMM 105	Communication Skills (English)	1&2	3
*ITGN 115	Computer Applications	1&2	3	*BECN 100	Microeconomics	1&2	3
*ITGN 120	Internet Applications	1&2	3	*BECN 225	Macroeconomics	1&2	3
*GISL 100	Islamic Thought (Arabic)	1&2	3	*BECN 250	Money and Banking	1&2	3
*GISL 105	Islamic Thought (E)	1	3	*GCRT 200	Critical and Creative Thinking	1&2	3
*GEST 100	Emirati Studies	1&2	3	*BSTA 200	Statistical Analysis	1&2	3
*ESPU 200	English for Special Purpose (Business)	1&2	3	*BBUS 225	Research Methods	1&2	3
2.Humanities and Social Science Requirements- 3 CR.HRS				*BBUS 250	Business Negotiating Skills	1&2	3
GUAG 100	UAE Government	1or2	3	Course No.	Course Title	Semester	C.H.
GCUS 100	Culture & Society	1or2	3	5. Business Core Requirements– 39 CR. HRS			
GABU 100	Arabic for Business	1or2	3	*BACC 205	Principles of Financial Accounting	1&2	
GPSY 100	Psychology & Society	1or2	3	*BACC 210	Principles of Managerial Accounting	1&2	3
GSOC 100	Sociology & Society	1or2	3				
GLAW 100	Law & Society	1or2	3				

*BBUS 200	Quantitative Methods for Business	1&2	3	*BFIN 305	Corporate Finance	1&2	3
*BFIN 200	Principles of Financial Management	1&2	3	*BMNG 310	Production & Services Operations Management	1&2	3
*BMNG 200	Management & Organization Behavior	1&2	3	*BMNG 315	International Business Management	1&2	3
*BMRK 200	Principles of Marketing	1&2	3	*BBUS 350	Business & Society	1&2	3
*BBUS 215	Fund. of Management Information Systems	1&2	3	*BBUS 400	Strategic Management (Capstone)	1&2	3
*BBUS 305	Business Law	1&2	3				

* Mandatory Course
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Appendix 2.4.2 Bachelor of Business Administration – Accounting Concentration

6. Major Requirements - 27 CR. HRS			
*BBEM 300	Principles of Entrepreneurship	2	3
*BBEM 310	Family Business (The Next Generation)	1	3
*BSCL 301	Supply Chain Operations	1	3
*BBEM 402	International Entrepreneurship	2	3
*BFIN 335	Entrepreneurial Finance	2	3
*BBEM 303	New Products & Services Development	1	3
*BBEM 307	Managing Venture Growth and Transition	1	3
*BMNG 445	Total Quality Management and Continuous Improvement	1&2	3
*BBEM 465	Internship	1&2	3
BBEM 470	Industry Project	1&2	3

Appendix 2.4.3 Bachelor of Business Administration – Finance & Banking Concentration

6. Major Requirements - 27 CR. HRS			
*BACC 301	Cost & Managerial Accounting	1	3
*BFIN 316	Financial Statement analysis & Valuation	1	3
*BFIN 317	International Finance & Banking	2	3
*BFIN 335	Entrepreneurial Finance	2	3
*BFIN 408	Investment Analysis	1	3
*BFIN 431	Management of Banks & Other Financial Institutions	1	3
*BFIN 412	Management Investment Portfolios (F&B Capstone)	2	3
*BFIN 437	Risk Management	2	3
*BFIN 465	Internship	1&2	3
BFIN 470	Industry Project	1&2	3

Appendix 2.4.4 Bachelor of Business Administration – Management Concentration

6. Major Requirements - 27 CR. HRS			
BMNG 301	Human Resources Management	1	3
BMNG 303	Advanced Organization Behavior	1	3
BMNG 311	Management of Service Organizations	2	3
BBEM 300	Principles of Entrepreneurship	2	3
BMNG 416	Emerging Issues in Management	2	3
BMNG 423	Leadership Development	1	3
BMNG 424	Change Management	1	3
BMNG 445	Total Quality Management and continuous Improvement	1&2	3
*BMNG 465	Internship	1&2	3
BMNG 470	Industry Project	1&2	3

Appendix 2.4.5 Bachelor of Business Administration – Marketing Concentration

6. Major Requirements - 27 CR. HRS			
BMRK 301	Marketing Management	1	3
BMRK 321	Consumer Behavior	1	3
BMRK 303	Marketing Channels	2	3

BMRK 416	Advertisement & Promotions Management	2	3
BMRK 412	Marketing Research	1	3
BMRK 432	Service Marketing	1	3
BMRK 310	Professional Selling & CRM	2	3
BMRK 428	International Marketing Strategies	2	3
*BMRK 465	Internship	1&2	3
BMRK 470	Industry Project	1&2	3

Appendix 2.4.6 Bachelor of Business Administration – Human Resources Concentration

6. Major Requirements - 27 CR. HRS			
BMNG 301	Human Resources Management	1&2	3
BHRM 301	HR Training & Development	1	3
BHRM 303	Employment Law and Legal Aspects	2	3
BHRM 307	Financial Impacts of HR Strategies	2	3
BHRM 402	Performance Management Compensation and Employee Benefits	1	3
BHRM 404	Strategic HRM (HRM Capstone)	1	3
BHRM 406	International HR Management	2	3
BHRM 408	Employee Relations	2	3
BHRM 465	Internship	1&2	3
BHRM 470	Industry Project	1&2	3

Appendix 2.4.7 Bachelor of Business Administration – Entrepreneurship Management Concentration

6. Major Requirements - 27 CR. HRS			
*BBEM 300	Principles of Entrepreneurship	2	3
*BBEM 310	Family Business (The Next Generation)	1	3
*BSCL 301	Supply Chain Operations	1	3
*BBEM 402	International Entrepreneurship	2	3
*BFIN 335	Entrepreneurial Finance	2	3
*BBEM 303	New Products & Services Development	1	3
*BBEM 307	Managing Venture Growth and Transition	1	3
*BMNG 445	Total Quality Management and Continuous Improvement	1&2	3
*BBEM 465	Internship	1&2	3
BBEM 470	Industry Project	1&2	3

Appendix 2.4.8 Bachelor of Business Administration – Supply Chain & Logistics Management Concentration

6. Major Requirements - 27 CR. HRS			
BSCL 301	Supply Chain Operations	1	3
BSCL 307	Global Supply Chain Strategy and Design	1	3
BSCL 304	Warehousing and Material Handling	2	3
BSCL 402	Transportation and Distribution	2	3
BSCL 311	Strategic Procurement and Sourcing	1	3
BSCL 404	SCLM Technologies and Information Systems	2	3
BSCL 406	Modeling and Simulation of Supply Chains	2	3
BBMG 445	Total Quality Management and Continuous Improvement	1&2	3
*BSCL 465	Internship	1&2	3
BSCL 470	Industry Project	1&2	3

Appendix 2.4.9 Bachelor of Business Administration – Customs Concentration

6. Major Requirements - 27 CR. HRS			
BCUS 200	Customs Theory & Practice	2	3
BCUS 210	HSN Classification & Custom Tariff	2	3
BCUS 300	International Agreements on Trade & Customs	2	3

BCUS 310	Customs Valuation & WTO Customs Valuation Agreement	2	3
BCUS 400	Customs Procedure & Facilitation of Trade	1	3
BCUS 410	Risk Management & Customs Intelligence	1	3
BCUS 420	Border Security & Inspection	1	3
BCUS 430	GCC Customs Law	2	3
BCUS 440	Customs Investigation & Law Enforcement	2	3
BCUS 465	Internship/Work Based Project in Customs	2	3

Appendix 2.5 Bachelor of Business Administration Study Plan

Appendix 2.5.1 Accounting

Semester (1) – Fall – 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 225	Research Methods	BSTA 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
BFIN 200	Principles of Financial Management	BACC 205	3	GCOMM 105	Communication Skills (English)	ENGL 105	3
				BFIN 305	Corporate Finance	BFIN 200	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BECN 225	Macroeconomics	BECN 100	3	BECN 250	Money and Banking	BECN 225	3
BMNG 310	Production and Service Operation Management	BBUS 200	3	BMRK 200	Principles of Marketing	None	3
BACC 301	Cost & Managerial Accounting	BACC 210	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BACC 313	Intermediate Accounting 1	BACC 210	3	BACC 314	Intermediate Accounting 2	BACC 313	3
BACC 307	Accounting Information Systems	BBUS 210	3	BBUS 350	Business and Society	60CH	3
					Natural and Applied Science	None	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 12CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 305	Business Law	ESPU 200(Co-req)	3	BBUS 400	Strategic Management	105CH	3
BMNG 315	International Business Mgmt	BMNG 200	3	BACC 416	International Accounting	BACC 314	3
BACC 427	Taxation	BACC 314	3	BACC 435	Auditing	BACC 307 BACC 314	3
BACC 420	Financial Statement Analysis & Valuation	BFIN 305	3	BACC 465/470	Internship OR Industry Project	111C.H.	3

	Humanities and Social Science	None	3				
	Natural and Applied Sciences	None	3				

Appendix 2.5.2 Entrepreneurship

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emarati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCOMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 15CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science		None	3	BECN 250	Money and Banking		BECN 225	3
BFIN 305	Corporate Finance		BFIN 200	3	BMRK 200	Principles of Marketing		None	3
BBEM 300	Principles of Entrepreneurship		63CH	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BSCL 301	Supply Chain Operations		BMNG 310 (Co-req)	3	BFIN 335	Entrepreneurial Finance		BFIN 305	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	BMNG 445	TQM & Continuous Improvement		BMNG 310	3
					BBUS 350	Business and Society		60CH	3
Semester (7) – Fall – 18CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 305	Business Law		ESPU 200(Co-req)	3	BBEM 402	International Entrepreneurship		BMNG 315	3
BMNG 315	International Business Mgmt		BMNG 200	3	BBUS 400	Strategic Management		105CH	3
BBEM 303	New Products & Services Development		BBEM 300	3	BBEM 307	Managing Venture Growth and Transition		BBEM 310	3
BBEM 310	Family Business		BBEM 300	3	BBEM 465/470	Internship OR Industry Project		111C.H.	3
	Humanities and Social Science		None	3					
	Natural and Applied Sciences		None	3					

Appendix 2.5.3 HRM

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emarati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 18CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science				BECN 250	Money and Banking		BECN 225	3
BFIN 305	Corporate Finance		BFIN 200	3	BMRK 200	Principles of Marketing		None	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BHRM 301	HR Training and Development		BMNG 301 (co-req)	3	BHRM 307	Financial Impacts of HR strategies		BMNG 301, BACC 210	3
BMNG 301	Human Resource Management		BMNG 200	3	BHRM 303	Employment LAW & legal aspects		BMNG 301, BBUS 305	3
BBUS 305	Business Law		ESPU 200(Co-req)	3	BBUS 350	Business and Society		60CH	3
Semester (7) – Fall – 15CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science		None	3	BBUS 400	Strategic Management		105CH	3
BMNG 315	International Business Mgmt		BMNG 200	3	BHRM 406	International HR management		BHRM 303	3
BHRM 404	Strategic HRM (capstone)		BMNG 307	3	BHRM 408	Employee Relations		BHRM 303	3
BHRM 402	Performance Management Compensation and Employee Benefits		BMNG 301	3	BHRM 465/470	Internship OR Industry Project		111C.H.	3
	Humanities and Social Science		None	3					

Appendix 2.5.4 Finance & Banking

Semester (1) – Fall – 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 225	Research Methods	BSTA 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
BFIN 200	Principles of Financial Management	BACC 205	3	GCMM 105	Communication Skills (English)	ENGL 105	3
				BFIN 305	Corporate Finance	BFIN 200	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science	None	3	BECN 250	Money and Banking	BECN 225	3
BECN 225	Macroeconomics	BECN 100	3	BMRK 200	Principles of Marketing	None	3
BMNG 310	Production and Service Operation Management	BBUS 200	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BACC420	Financial Statements Analysis & Valuation	BFIN 305	3	BFIN 317	International Finance & Banking	BFIN 305	3
BACC 301	Cost & Managerial Accounting	BACC 210	3	BFIN 335	Entrepreneurial Finance	BFIN 305	3
				BBUS 350	Business and Society	60CH	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 12CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 305	Business Law	ESPU 200(Co-req)	3	BFIN 412	Managing Investment Portfolios	BFIN 408	3
BMNG 315	International Business Mgmt	BMNG 200	3	BBUS 400	Strategic Management	105CH	3
BFIN 408	Investments Analysis	BACC420	3	BFIN 437	Risk Management	BFIN 305 BFIN 408	3
BFIN 431	Management of Banks & Other Financial Institutions	BFIN 305	3	BFIN 465/470	Internship OR Industry Project	111C.H.	3
	Humanities and Social Science	None	3				
	Natural and Applied Sciences	None	3				

Appendix 2.5.5 Management

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emarati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCOMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 15CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BFIN 305	Corporate Finance		BFIN 200	3	BECN 250	Money and Banking		BECN 225	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	BMRK 200	Principles of Marketing		None	3
BMNG 303	Advanced Organisation Behavior		BMNG 200	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BBEM 300	Principles of Entrepreneurship		63 C.H	3	BMNG 311	Management of Service Operations		BMNG 310 (co-req)	3
BMNG 301	Human Resource Management		BMNG 200	3	BMNG 445	TQM & Continuous Improvement		BMNG 310	3
						Natural and Applied Science		None	3
Semester (7) – Fall – 18CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 305	Business Law		ESPU 200(Co-req)	3	BBUS 350	Business and Society		60CH	3
BMNG 315	International Business Mgmt		BMNG 200	3	BBUS 400	Strategic Management		105CH	3
BMNG 423	Leadership Development		BMNG 301	3	BMNG 416	Emerging Issues in Management		96 C.H	3
BMNG 424	Change Management		BMNG 423 (co-req)	3	BMNG 465/ 470	Internship OR Industry Project		111C.H.	3
	Humanities and Social Science		None	3					
	Natural and Applied Sciences		None	3					

Appendix 2.5.6 Marketing

Semester (1) – Fall - 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BECN 225	Macroeconomics	BECN 100	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 225	Research Methods	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	GCOMM 105	Communication Skills (English)	ENGL 105	3
				BMRK 200	Principles of Marketing	None	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science	None	3	BECN 250	Money and Banking	BECN 225	3
BFIN 305	Corporate Finance	BFIN 200	3	BMRK 310	Professional Selling	BMRK 200	3
BMRK 301	Marketing Management	BMRK 200	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BMRK 321	Consumer Behavior	BMRK 200	3	BMRK 303	Marketing Channels	BMRK 301	3
BBUS 350	Business and Society	60CH	3	BFIN 200	Principles of Financial Management	BACC 205	3
					Natural and Applied Sciences	None	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 12CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 305	Business Law	ESPU 200(Co-req)	3	BBUS 400	Strategic Management	105CH	3
BMNG 315	International Business Mgmt	BMNG 200	3	BMRK 416	Advertisement and Promotion	BMRK 321	3
BMRK 412	Marketing Research	BMRK 321, BBUS 225	3	BMRK 465/ 470	Internship OR Industry Project	111C.H.	3
BMRK 432	Service Marketing	BMRK 301, BMRK 321	3	BMRK 428	International Marketing	BMRK 412, BMRK 432	3
BMNG 310	Production and Service Operation Management	BBUS 200	3				
	Humanities and Social Science	None	3				

Appendix 2.5.7 SCLM

Semester (1) – Fall - 15CH					Semester (2) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
ENGL 100	English I		None	3	BACC 205	Principles of Financial Accounting		None	3
GISL 100/105	Islamic Thought (Arabic/English)		None	3	BECN 100	Microeconomics		GMAT 110	3
GMAT 110	Mathematics for Business I		None	3	BMNG 200	Management & Organization Behavior		ENGL 105(Co-req)	3
ITGN 115	Computer Applications		None	3	ENGL 105	English II		ENGL 100	3
GEST 100	Emarati Studies		ENGL 100 Co	3	GMAT 115	Mathematics for Business II		GMAT 110	3
					ITGN 120	Internet Applications		ITGN 115	3
Semester (3) – Fall – 15CH					Semester (4) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems		BMNG 200	3	BACC 210	Principles of Managerial Accounting		BACC 205	3
BECN 225	Macroeconomics		BECN 100	3	BBUS 200	Quantitative Methods for Business		BSTA 200	3
BSTA 200	Statistical Analysis		GMAT 115	3	BBUS 225	Research Methods		BSTA 200	3
ESPU 200	English for Special Purpose (Business)		ENGL 105	3	BBUS 250	Business Negotiating Skills		GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking		ENGL 105	3	GCMM 105	Communication Skills (English)		ENGL 105	3
					BFIN 200	Principles of Financial Management		BACC 205	3
Semester (5) – Fall – 15CH					Semester (6) – Spring – 18CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science				BECN 250	Money and Banking		BECN 225	3
BFIN 305	Corporate Finance		BFIN 200	3	BMRK 200	Principles of Marketing		None	3
BMNG 310	Production and Service Operation Management		BBUS 200	3	GPUC 100	Innovation and Planning		ENGL 100 (co-req)	3
BSCL 301	Supply Chain Operations x		BMNG 310 (Co-req)	3	BSCL 304	Warehousing and Materials Handling x		BSCL 301	3
BSCL 311	Strategic Procurement and Sourcing x		None	3	BSCL 402	Transportation and Distribution x		BSCL 301	3
					BBUS 350	Business and Society		60CH	3
Semester (7) – Fall – 18CH					Semester (8) – Spring – 12CH				
Code	Course Name		Pre-requisite	CH	Code	Course Name		Pre-requisite	CH
	Natural and Applied Science			3	BBUS 400	Strategic Management		105CH	3
BMNG 315	International Business Mgmt		BMNG 200	3	BSCL 404	SCLM Technologies & Inform Systems x		BBUS 215, BSCL 301	3
BMNG 445	Total Quality Management and Continuous Improvement x		BMNG 310	3	BSCL 406	Modeling & Simulation of Supply Chains		BSCL 301	3
BSCL 307	Global Supply Chain Strategy and Design		BMNG 315	3	BSCL465/470	Internship OR Industry Project		111C.H.	3
BBUS 305	Business Law		ESPU 200(Co-req)	3					

	Humanities and Social Science		None	3					
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Appendix 2.5.8 Customs

Semester (1) – Fall - 15CH				Semester (2) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
ENGL 100	English I	None	3	BACC 205	Principles of Financial Accounting	None	3
GISL 100/105	Islamic Thought (Arabic/English)	None	3	BECN 100	Microeconomics	GMAT 110	3
GMAT 110	Mathematics for Business I	None	3	BMNG 200	Management & Organization Behavior	ENGL 105(Co-req)	3
ITGN 115	Computer Applications	None	3	ENGL 105	English II	ENGL 100	3
GEST 100	Emarati Studies	ENGL 100 Co	3	GMAT 115	Mathematics for Business II	GMAT 110	3
				ITGN 120	Internet Applications	ITGN 115	3
Semester (3) – Fall – 15CH				Semester (4) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
BBUS 215	Fund. Of Management Information Systems	BMNG 200	3	BACC 210	Principles of Managerial Accounting	BACC 205	3
BECN 225	Macroeconomics	BECN 100	3	BBUS 200	Quantitative Methods for Business	BSTA 200	3
BSTA 200	Statistical Analysis	GMAT 115	3	BBUS 225	Research Methods	BSTA 200	3
ESPU 200	English for Special Purpose (Business)	ENGL 105	3	BBUS 250	Business Negotiating Skills	GCRT 200 BMNG 200	3
GCRT 200	Critical and Creative Thinking	ENGL 105	3	GCMM 105	Communication Skills (English)	ENGL 105	3
				BFIN 200	Principles of Financial Management	BACC 205	3
Semester (5) – Fall – 15CH				Semester (6) – Spring – 18CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science	None	3	BECN 250	Money and Banking	BECN 225	3
BFIN 305	Corporate Finance	BFIN 200	3	BMRK 200	Principles of Marketing	None	3
BMNG 310	Production and Service Operation Management	BBUS 200	3	GPUC 100	Innovation and Planning	ENGL 100 (co-req)	3
BCUS 200	Customs Theory and Practice	None	3	BCUS300	International Agreements on Trade and Customs	BCUS 200	3
BCUS 310	Customs Valuation and WTO Valuation Agreement	None	3	BCUS210	HSN Classifications and Customs Tariff	None	3
				BBUS 350	Business and Society	60CH	3
Semester (7) – Fall – 18CH				Semester (8) – Spring – 15CH			
Code	Course Name	Pre-requisite	CH	Code	Course Name	Pre-requisite	CH
	Natural and Applied Science		3	BBUS 400	Strategic Management	105CH	3
BMNG 315	International Business Mgmt	BMNG 200	3	BCUS 400	Customs Procedures & Trade Facilitation	BCUS 200	3
BCUS 410	Risk Management and Customs Intelligence	None	3	BCUS 430	GCC Customs Law	None	3
BCUS 420	Border Security and Inspection	None	3	BCUS 440	Customs Investigation and Law Enforcement	None	3
BBUS 305	Business Law	ESPU 200(Co-req)	3	BCUS 465/470	Internship OR Industry Project	111C.H.	3
	Humanities and Social Science	None	3				

31. APPENDIX-3: College of Engineering and Information Technology (CEIT)

Appendix 3.1 Bachelor of Science Computing and Information Systems with Concentration in Information Systems Security (BSCIS-ISS)

Appendix 3.1.1 BSCIS – ISS Program Goals

PO 1. Demonstrate ethical and professional practices to computing and information systems by being aware of the impact of computer technology on humans and environment.

PO 2. Apply knowledge of computing and information systems to address the critical needs of computing and information systems environment.

PO 3. Establish a successful professional career in the computer and information systems related industry.

PO 4. Exemplify critical thinking, teamwork collaborations and communication skills to solve real-life problems.

Appendix 3.1.2 BSCIS – ISS Program Learning Outcomes (PLOs)

After graduation students are expected to be able to:

PLO1. Apply knowledge of computing, information systems, and mathematics.

PLO2. Identify, formulate and solve computing and information systems related problems

PLO3. Ability to design, implement and evaluate a computer-based solution to meet a given set of computing requirements in the context of the discipline. [ABET 2]

PLO4. Ability to function effectively on teams to establish goals, plan tasks, meet deadlines, manage risk, and produce deliverables. [ABET 5]

PLO5. Ability to make informed judgments in computing practice based on legal and ethical principles. [ABET 4]

PLO6. Ability to communicate effectively with a range of audiences about technical information. [ABET 3]

PLO7. Ability to analyze a problem, and to identify and define the computing requirements appropriate to its solution. [ABET 1].

PLO8. Use the current computing and information systems techniques, skills, and tools necessary for computing practice.

PLO9. Ability to support the delivery, use, and management of information systems within an information systems environment. [ABET 6]

Appendix 3.1.4 Information Technology Curricula

Course Code	Course Title	Semester	C.H.
1. General Educational Requirements 30 Credit Hours			
*GIEC 105	Innovation, Entrepreneurship and Career Planning	1&2	3
ENGL 100	English I	1&2	3
ENGL 105	English II	1&2	3
GMAT 100	Mathematics for Science I	1&2	3
GMAT 105	Mathematics for Science II	1&2	3
ITGN 115	Computer Applications	1&2	3
ITGN 120	Internet Applications	1&2	3

GISL 100	Islamic Thought (Arabic)	1&2	3
GISL 105	Islamic Thought (English)	1	3
GUAS 100	Emirati Society (UAE Society)	1&2	3
ESPU 210	English for Special Purpose (Science)	3	3
2.Humanities and Social Science Requirements 3 Credit Hours			
GUAG 100	UAE Government	1or2	3
GCUS 100	Culture & Society	1or2	3
GABU 100	Arabic for Business	1or2	3
GPSY 100	Psychology & Society	1or2	3
GSOC 100	Sociology & Society	1or2	3
GLAW 100	Law & Society	1or2	3
GEDU 100	Education & the Future	1or2	3
GUAG 100	UAE Government	1or2	3
3.Natural And Applied Science Requirements 6 Credit Hours			
GSUS 200	Sustainability	1&2	3
GHSO 100	Health & Society	1or2	3
GBIO 100	Biotechnology	1or2	3
GHUB 100	Human Biology	1or2	3
4. Business Requirements for IT Professionals			
GCMM 105	Communication Skills (English)	1&2	3
GCMM 100	Communication Skills (Arabic & English)	1&2	3
GCRT 200	Critical and Creative Thinking	1&2	3
BSTA 200	Statistical Analysis	1&2	3
BBUS 200	Quantitative Methods for Business	1&2	
BACC 205	Principles of Financial Accounting	1&2	3
BFIN 200	Principles of Financial Management	1&2	3
BMNG 200	Management & Organization Behavior	1&2	3
BMNG 310	Production & Services Operations Mgmt	1&2	3
BMRK 200	Principles of Marketing	1&2	3
5. IT Core Requirements 48 Credit Hours			
ITGN 215	Introduction to Information Systems	2	3
ITGN 230	Introduction to Programming	1	3
ITGN 235	Principles of Networking	1	3
ITGN 250	Database Management Systems	1	3
ITGN 256	Introduction to Operating System	1	3
ITGN 260	IT Project Management	1	3
ITGN 315	Object Oriented Programming	2	3
ITGN 321	Object-Oriented Analysis & Design	2	3
ITGN 323	Enterprise Architecture	2	3
ITGN 340	Human Computer Interface	1	3
ITGN 345	Information Systems Security	1	3
ITGN 350	Web Design & Development	1	3
ITGN 414	Strategic Issues in Information Systems	2	3
ITGN 416	IT Audit and Control	2	3
ITGN 440	Computing & IS Project (Capstone)	2	3
ITGN 465	Internship	2	3
ITGN 470	Industry Project		
6. Concentration Requirements 15 Credit Hours			
ITSS 450	IS Security Management	1	3
ITSS 451	Ethical Hacking & Network Defense	1	3
ITSS 455	Computer Forensics & Investigation	2	3
ITSS 459	Digital Forensics & Investigation	2	3
ITSS 450	IS Security Management	1	3

7. Proposed New Electives 15 Credit Hours			
ITSS 470	Business Process Management	1 or 2	3
ITSS 471	Mobile computing	1 or 2	3
ITSS 472	E-commerce Design & Development	1 or 2	3
ITSS 473	Big data and data mining	1 or 2	3
ITSS 474	Smart cities and IoT	1 or 2	3
ITSS 475	Digital Media	1 or 2	3
ITGN125	Project management***	1 or 2	3

Appendix 3.1.5 Information Technology Study Plan

	Code	Course Title	Pre-Req	Accumulate Credits		Code	Course Title	Pre-Req	Accumulate Credits
Semester 1	ENGL 110	English 1			Semester 2	ENGL 120	English 2	ENGL 110 or ENGL 100	
	GMAT 100	Mathematics for Science 1				GMAT 105	Mathematics for Science 2	GMAT 100	
	GISL 100	Islamic Thought				ITGN 120	Internet Applications	ITGN 115	
	GEST 100	Emarati Studies	ENGL 110 or ENGL 100 (Co-Req)			ITGN 215	Introduction to Information Systems	ITGN 115	
	ITGN 115	Computer Applications				ITGN 130	Programming in Python	GMAT 100	
			15	15				15	30
Semester 3	ITGN 230	Introduction to Programming	ITGN 115 & GMAT 100		Semester 4	ITGN 315	Object Oriented Programming	ITGN 230	
	ENGL220	Communication Skills	ENGL 120 or ENGL 105			ITGN 235	<i>Principles of Networking</i>	ITGN 230	
	BSTA 200	Statistical Analysis	GMAT 105			ITGN 250	Database Management Systems	ITGN 230	
	GCRT 200	Critical and Creative Thinking	ENGL 120 or ENGL 105			ITGN 256	Introduction to Operating Systems	ITGN 230	
	BACC 205	Principles of Financial Accounting	ENGL 120 or ENGL 105 (Co-Req)			BBUS 200	Quantitative Methods for Business	BSTA 200	
	ITGN 260	IT Project Management	ITGN 215			GIEC 100	Innovation, entrepreneurship & career planning	-	
			18	48				18	66
Semester 5	ITGN 321	Object Oriented Analysis & Design	ITGN 230		Semester 6	ITGN 414	Strategic Issues in Information Systems	ITGN 323	
	ITGN 323	Enterprise Architecture	ITGN 235			ITGN 416	IT Audit and Control	ITGN 345	
	ITGN 345	<i>Information Systems Security</i>	ITGN 235			ITSS 450	Information Systems	ITGN 345	

							Security Management		
	ITGN 350	Web Design & Development	ITGN 250 & ITGN 315			ITSS 451	Ethical Hacking & Network Defense	ITGN 345	
	ITGN 340	Human Computer Interface	ITGN 230			ITSS 459	Digital Forensics & Investigation	ITGN 345	
	BMNG 200	Mngt & Org Behaviour	ENGL 120 or ENGL 105 (Co-Req)			BFIN 200	Principles of Financial Management	BACC 205	
			18	84				18	102
Semester 7	ITGN 440	Computing & Information Systems Project (Capstone)	99 CH		Semester 8	ITGN465 / ITGN 470	Internship/ Industry Project***	111 CH	
	ITSS 456	Database Security & Auditing	ITGN 250 & ITGN 345			BMNG 310	Production & Service Operations & Management	BBUS 200 BFIN 200 BSTA 200	
	ITSS 458	Disaster Recovery Planning	ITGN 345				Natural and Applied Science Requirements (3CHs)		
	BMRK 200	Principles of Marketing							
		Natural and Applied Science Requirements (3CHs)					*** For working students only		
		Humanities and Social Science Requirements (3CHs)							
			18	120				9	129

Appendix 3.2 BS in Electrical Engineering with Concentration in Communication Engineering (BS EE CE)

Appendix 3.2.1 BS EE CE Program Outcome (PO)

Upon graduation, graduate will possess the knowledge, skills, and ability to:

- Apply knowledge of mathematics, science, communications and electronics systems.
- Design and conduct experiments as well as analyze and interpret data

- c. Design, implement and evaluate a CE and IE system, process, component, or program as a graduation project to meet the industry needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.
- d. Function effectively in multidisciplinary teams.
- e. Identify, formulate, analyze and solve CE & IE related problems.
- f. Understand professional, ethical and social responsibilities.
- g. Communicate effectively with a range of audiences.
- h. Analyze the impact of communications and electronic engineering solutions in global, economic, environmental, and societal contexts.
- i. Recognize the need for, and an ability to engage in life-long learning.
- j. Update knowledge of contemporary issues.
- k. Use techniques, skills, and tools necessary for communications and electronic engineering practice.

Appendix 3.2.2 BS in Electrical Engineering with Concentration in Communication Engineering (BS EE CE) Curricula

Course No.	Course Title	Pre-requisite	C.H.
1. General Educational Requirements – 30 CR. HRS			
ENGL 100	English I	-----	3
ENGL 105	English II	ENGL 100	3
GCMM 105	Communication Skills (English)	ENGL 105	
GEST 100	Emirati Studies	ENG 100 Co-req	3
GISL 100	Islamic Thought (Arabic) OR	-----	3
GISL 105	Islamic Thought (English)		3
EMTH 100	Calculus 1 for Engineering	-----	3
EMTH 150	Calculus 2 for Engineering	EMTH 100	3
EMTH 200	Calculus 3 for Engineering	EMTH 150	3
EMTH 250	Advance Math I for Engineering	EMTH 150	3
EMTH 260	Advance Math II for Engineering	EMTH 250	3
2. Natural And Applied Science Requirements (9 CH GU CR)			
GECE 100	Chemistry -1		3
GPHY 100	General Physics -1*		3
GPHY 150	General Physics -2*	GPHY 100	3
GECE 100	Chemistry -1		3
3. Humanities and Social Science Requirements Choose any 1			
GEDU 100	Education & the Future	ENGL 100	3
GLAW 100	Law & Society	ENGL 100	3
GPSY 100	Psychology & Society	ENGL 100	3
GSOC 100	Sociology & Society	ENGL 100	3
GCUS 100	Culture & Society	ENGL 100	3
Total			3
4. Supporting CE Requirements (12 CH) GIEC 105 is a mandatory course as per CAA requirement			
ENIN 100	Engineering Innovation		3
BMNG 200	Management & Organization Behavior	ENGL 105 (Co-req)	3
ENEE 300	Engineering Economics	EMTH 100	3
*GIEC 105	Innovation, Entrepreneurship and Career Planning	ENGL 105	3
5. Communications Engineering Core Requirements (64 CH) * Lab Based Course			
ENAP 150	Computer Algorithms & Programming*	-	3
ENEC 200	Electric Circuits - 1*	EMTH150,GPHY 150	4
ENMA 200	MATLAB*	-	1
ENDD 200	Digital Logic Design*	-	4

ENEC 250	Electric Circuits - 2*	ENEC 200	3
ENEL 250	Electronics - 1*	ENEC 200	4
ENMG 300	Electromagnetics	GPHY 150,EMTH 250	3
ENSS 300	Signals & Systems	EMTH 150, ENEC 250	3
EECS 300	Control systems	ENSS 300	3
ENPR 300	Probability & Random Process	EMTH 150	3
ENCS 300	Communication Systems*	ENSS 300	4
ENEL 300	Electronics - 2*	ENEL 250	3
ENMP 300	Microprocessors*	ENDD 200	4
ENDP 350	Digital Signal Processing	ENSS 300	3
CECN 400	Communication Networks*	ENCS 300,ENPR 300	3
CEAP 400	Antenna & Propagation	ENMG 300,ENSS 300	3
CEDC 400	Digital Communications	ENCS 300	3
CEIC 400	Information Theory & Coding	CEDC 400	3
ENPR 401	Graduation Project - 1*	≥ 102 CH	3
ENPR 402	Graduation Project - 2*	ENPR 401	3
ENIN 400	Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program	≥ 99 CH	1
Total			64
1. Major (Depth) Technical Electives (Communications Engineering) Choose 4 out of 6 (12 CH) (The following courses have been suggested and are subject to change)			
CEOC 400	Optical communications	ENCS 300	3
CEWC 400	Wireless Communication	CECN 400	3
ENES 400	Embedded Systems	ENMP 300	3
CESC 400	Satellite Communication	ENCS 300	3
ENAI 400	Audio and Image Processing	ENDP 350	3
ENCE 400	Special Topics in Communications & Electronics	ENCS 300	3

*Mandatory Course

Appendix 3.2.3 BS in Electrical Engineering with Concentration in Communication Engineering (BS EE CE) Study Plan

	Code	Course Title	Pre-Req	Accumulate Credits		Code	Course Title	Pre-Req	Accumulate Credits
Semester 1	ENGL 110	English 1			Semester 2	ENGL 120	English 2	ENGL 110	
	EMTH 100	Calculus 1				EMTH 150	Calculus 2	EMTH 100	
	GPHY 100	General Physics 1*				GPHY 150	General Physics 2*	GPHY 100	
	GECE 100	Chemistry 1				ENAP 150	Computer Algorithms & Programing*		
	ENIN 100	Engineering Innovation					Humanities and Social Science Requirements (3CHs)		
					GISL 100	Islamic Thought			
			15	15				18	33
Semester 3	EMTH 200	Calculus 3	EMTH 150		Semester 4	BMNG200	Management &	ENGL 120	

							Organization Behavior		
	EMTH 250	Advanced Math I	EMTH 150			EMTH 260	Advanced Math II	EMTH 250	
	ENMA 200	MATLAB				ENGL 220	Communication Skills	ENGL 120	
	ENDD 200	Digital Logic Design				ENEL 250	Electronics I *	ENEC 200	
	ENEC 200	Electric Circuits I	EMTH150,GPHY 150			ENEC 250	Electric Circuits 2	ENEC 200	
	GEST 100	Emirati Study							
			18	51				16	67
Semester 5	ENSS 300	Signals & Systems	EMTH150,ENEC250		Semester 6	ENEE 300	Engineering Economics	EMTH100	
	ENPR 300	Probability & Random Process	EMTH150			GIEC 105	Innovation, Entrepreneurship & Career Planning		
	ENMP 300	Micro Processor	ENDD 200			ENCS 300	Commutations Systems	ENSS 300	
	ENEL 300	Electronics II*	ENEL250			EECS 300	Control Systems	ENSS 300	
	ENMG300	Electromagnetic	GPHY150,EMTH200,250			ENDP 350	Digital Signal Processing	ENSS 300)	
					ENIN 400	Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program	≥ 90 CH		
			16	83			17	100	
Semester 7	CEDC 400	Digital Communications	ENMA 200, ENCS 300		Semester 8	CEIC 400	IT & Coding	CEDC 400	
	CECN 400	Communications Networks*	ENCS300,ENPR 300			CEAP 400	Antenna & Propagation	ENSS300,ENMG300	
		Technical Elective 1					Technical Elective 3		
		Technical Elective 2					Technical Elective 4		
	ENPR 401	Graduation Project -1*	≥100			ENPR 402	Graduation Project -2*	ENPR 401	
			15	115			15	130	

Appendix 3.3 BS in Electrical Engineering with Concentration in Power and Energy Engineering

BS in Electrical Engineering Power Engineering Flowchart							
College of Engineering & Information Technology (CEIT)							
Year 1	EMTH 100 Calculus I (3-0-3)	GPYH 100 General Physics I* (2-3-3)	ENGL 100 English I (3-0-3)	GECE 100 Chemistry I (3-0-3)	ENIN 100 Engg Innovation (3-0-3)		15
	EMTH 150 Calculus II (3-0-3)	GPYH 150 General Physics II* (2-3-3)	ENGL 105 English II (3-0-3)	HSS Req (3-0-3)	ENAP 150 Comp Algor. & Prog* (2-3-3)		15
S1	GISL 100/105 Islamic Thght (A)/E (3-0-3)						3
Year 2	EMTH 200 Calculus III (3-0-3)	EMTH 250 ADV MATH I (3-0-3)		ENMA 200 MATLAB (0-3-1)	ENDD 200 Digital Logic Design* (3-3-4)	ENEC 200 Electric Circuits I* (3-3-4)	15
	BMNG 200 Mgmt & Org Behavior (3-0-3)	EMTH 260 ADV MATH II (3-0-3)	GCOMM 105 Comm Skills (3-0-3)		ENEL 250 Electronics I* (3-3-4)	ENEC 250 Electric Circuits II (3-0-3)	16
S2	GUAS 100 UAE Society (3-0-3)						3
Year 3		ENSS 300 Signals & Systems (2-3-3)	ENPR 300 Prob & Rand. Proc. (3-0-3)	ENMP 300 Micro - P* (3-3-4)	ENEL 300 Electronics II* (2-3-3)	ENMG 300 ElectroMag. (3-0-3)	16
	ENEE 300 Engineering Economics (3-0-3)	BBUS 350 Business & Society (Ethics) (3-0-3)	ENCS 300 Comm Systems* (3-3-4)	EECS 300 Control Systems (3-0-3)	ELCE 340 Power & Machines (2-3-3)		16
S3	Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program						1
Year 4		ELPE 400 Power System Analysis (3-0-3)	ELPE 401 Power Distribution and Smart Grid Systems (3-0-3)	Technical Elective 1 (3-0-3)	Technical Elective 2 (3-0-3)	ENPR 401 Graduation Project -1 (1,6,3)	15
		ELPE 402 Power System Stability and Control (3-0-3)	ELPE 403 High Voltage Engineering (3-0-3)	Technical Elective 3 (3-0-3)	Technical Elective 4 (3-0-3)	ENPR 402 Graduation Project -2 (0,9,3)	15
Total No of Credits							130
General Education	Math Requirement	15 Credits	36 Credits	Humanities and Social Science Requirements			
	English Requirement	9 Credits		GCEX 100	Career Exploration		
	Science Requirement	9 Credits		GEDU 100	Education & the Future		
	Humanities & Social Science	3 Credits		GLAW 100	Law & Society		
	Cultural Requirement	6 Credits		GPSY 100	Psychology & Society		
	Supporting CE	12 Credits		GCII 100	Contemporary Intl Issues		
	Communication Engg Core	64 Credits		GCUS 100	Cult. & Society - Thai Society		
Technical Elective	12 Credits	GCUS 100	Cult. & Society - Chinese Society				
Total		130 Credits	Technical Electives				
Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program**	Summer Block	≥ 90 Credits	ELPE 404	Electric Drives			
			ELPE 405	Power Electronics			
			ELPE 406	Power System Protection			
			ELPE 407	Renewable Energy Systems			
			ELPE 408	Industrial Instrumentation			
			ELCE 400	Artificial Intelligence			
Notes & Comments:			* Lab Based Courses ** Students must be in good academic standing. The students must successfully finish: ENIN 100, BMNG 200, ENDD 250, ENEC 200 (ENEL 300 - desirable) before starting the first GT/LEAP.				

Study Plan

	Code	Course Title	Pre-Req	Accumulate Credits		Code	Course Title	Pre-Req	Accumulate Credits
Semester 1	ENGL 110	English 1			Semester 2	ENGL 120	English 2	ENGL 110	
	EMTH 100	Calculus 1				EMTH 150	Calculus 2	EMTH 100	
	GPHY 100	General Physics 1*				GPHY 150	General Physics 2*	GPHY 100	
	GECE 100	Chemistry 1				ENAP 150	Computer Algorithms & Programing*		
	ENIN 100	Engineering Innovation					Humanities and Social Science Requirements (3CHs)		
					GISL 100	Islamic Thought			
			15	15				18	33
Semester 3	EMTH 200	Calculus 3	EMTH 150		Semester 4	BMNG200	Management & Organization Behavior	ENGL 120	
	EMTH 250	Advanced Math I	EMTH 150			EMTH 260	Advanced Math II	EMTH 250	
	ENMA 200	MATLAB				ENGL 220	Communication Skills	ENGL 120	
	ENDD 200	Digital Logic Design				EDEL 250	Electronics I *	ENEC 200	
	ENEC 200	Electric Circuits I	EMTH150, GPHY 150			ENEC 250	Electric Circuits 2	ENEC 200	
	GEST 100	Emirati Study							
			18	51				16	67
Semester 5	ENSS 300	Signals & Systems	EMTH150, ENEC250		Semester 6	ENEE 300	Engineering Economics	EMTH100	
	ENPR 300	Probability & Random Process	EMTH150			GIEC 105	Innovation, Entrepreneurship & Career Planning		
	ENMP 300	Micro Processor	ENDD 200			ENCS 300	Commutations Systems	.ENSS 300	
	EDEL 300	Electronics II*	EDEL250			EECS 300	Control Systems	ENSS 300	
	ENMG300	Electromagnetic	GPHY150, EMTH200, 250			ELCE 340	Power & Machines	ENMG 300	
						ENIN 400	Graduate Trainee (GT) / Learn Earn And Progress (LEAP) Program	≥ 90 CH	
			16	83				17	100
Semester 7	ELPE 400	Power System Analysis	ELCE 340		Semester 8	ELPE 402	Power System Stability and Control	ELPE 400	
	ELPE 401	Power Distribution and Smart Grid Systems	ELCE 340			ELPE 403	High Voltage Engineering	ELPE 400	
		Technical Elective 1					Technical Elective 3		
		Technical Elective 2					Technical Elective 4		
	ENPR 401	Graduation Project -1*	≥100			ENPR 402	Graduation Project -2*	ENPR 401	
			15	115				15	130