College of Science

General Education Requirements (41Cr. Hrs)

Cluster (1): Values to Live By (6Cr. Hrs)

(1) Islam (3cr.Hrs)

ISLM 1103 (Islamic Culture) (3cr.Hrs)

(2) Ethics (3cr.Hrs)

Choose one course:

1. PHIL 120 (Principles of Professional Ethics) Or
2. PHI 121 (Fundamentals of Environmental Ethics) Or
3. PHI 122 (International Ethics) Or
4. PHI 226 (Human Rights Theory) Or
5. FOED 102 (Professional Ethics in Education)

Cluster (2): Skills for Life (9Cr. Hrs)

(1) English Communication Skills (3cr.Hrs)

From College of Science:
1.ESPU 102 (English for Science)

(2) Thinking Skills (3cr.Hrs)

Choose one course:

1. PHI 180 (Critical Thinking) Or
2. HSS 110 (Scientific Research Skill) Or
3. ITBP 119 (Algorithms & Problem Solving) Or
4. PSY 105 (Creative & Innovative Thinking Skills) Or
5. Inquiry-Based Learning Courses (Must be taken within the first 30 Credit hours):

IBLC 102 (Environmental Sustainability) Or
IBLC 105 (How Things Work) Or
IBLC 110 (The Trial & Death Socrates) Or
IBLC 113 (Research Approaches to Drama &Theater) Or
IBLC 119 (Internet and Social media) Or
IBLC 108 (Philosophy of Sport & the Premier League) Or
IBLC 116 (Food and Society) Or
IBLC 121 (Solving problems by Intuition) Or
IBLC 124 (Design Thinking) Or
IBLC 125 (A Trip with Data in Business and Society) Or
IBLC 126 (The Amazing World of Nanotechnology) Or
IBLC 127 (Renewable Energy)

(3) Information Literacy (3cr.Hrs)

GEIL101 (Information Literacy (3cr.Hrs)

Cluster (3): The Human Community (12Cr. Hrs)

(1) Emirates Society (3cr.Hrs)

HSS 105 (Emirates Studies)

(2) Social and Behavioral Sciences (3cr.Hrs)

Choose one course:

1. AGRB 210 (Introduction to Agribusiness) Or
2. ECON 110 (Principles of Economics) Or
3. HSR 140 (Introduction to Society and Behavior) Or
4. HSR 150 (Introduction to Government, Policy, and Urban Studies) Or
5. PSY 100 (Introduction to Psychology) Or
6. SOC 260 (Folklore) Or
7. SWK 200 (Introduction to Social Welfare)

Except:
Department of Mathematical Sciences Students take:
PSY 313 (Educational Psychology)

(3) Humanities/ Fine Arts (3cr.Hrs)

Choose one course:

1. ARCH 340 (History and Theory of Architecture) Or
2. HSR 120 (Introduction to Heritage & Culture) Or
3. HSR130 (Introduction to Language and Communication) Or
4. LIT 150 (Introduction to Literature) Or
5. HIS 133 (Introduction to Art History) Or
6. TRS 200 (Introduction to Translation) Or
7. MSC 200 (Introduction to Mass Media)
8. MSC 240 (World & Arab Media) Or
9. LNG 100 (Introduction to Linguistics) Or
10. LNG 110 (Language, Society & Culture) Or
11. PHI 101 (Introduction to Philosophy) Or
12. PHI 270 (Philosophy of Education) Or
13. PHI 271 (History and Philosophy of Science)

(4) The Global Experience (3cr.Hrs)

Choose one course:

1. HIS 120 (Arab Islamic Civilization) Or
2. HIS 125 (Contemporary Civilizations) Or
3. AGRB 362 (Global Agri-Food Trade) Or
4. BIOE 240 (Principles of Environmental Science) Or
5. PSG 250 (Principles of International Relations) Or
6. GEO 200 (World Regional Geography) Or
7. ARCH 346 (Contemporary World Architecture) Or
8. HIS 121 (World History I: Origins to 1500)

Except:
Department of Biology Students take:
BIOE 240 (Principles of Environmental)

Cluster (4): The Natural World (9Cr. Hrs)

(1) Mathematics (including statistics) (3cr.Hrs)

1.MATH 105 (Calculus (I)

(2) Natural Sciences (6cr.Hrs)

From College of Science:
1.PHYS 105 (General Physics 1)
All Departments take:
2. CHEM 111 (General Chemistry 1)
Except:
Department of Mathematical Sciences Students + Physics Students are take:
2. PHYS 110 (General Physics 2)

Cluster (5): Capstone Experience (5Cr. Hrs)

From College of Science
(Senior Project)