

College of Engineering

General Education Requirements (41Cr. Hrs)

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

(1) Islam (3cr.Hrs)

ISLM 100
(Islamic Culture)
(3cr.Hrs)

(2) Ethics (3cr.Hrs)*

GENG 215
(Engineering Ethics)
(2cr.Hrs)

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

ESPU 107
(English for Engineering)
(3cr.Hrs)

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

(2) Thinking Skills (3cr.Hrs)

- Choose one course:
1. PHI 180 (Critical Thinking) Or (3cr.Hrs)
 2. HSS 110 (Scientific Research Skill) Or (3cr.Hrs)
 3. ITBP 119 (Algorithms & Problem Solving) Or (3cr.Hrs)
 4. PSY 105 (Creative & Innovative Thinking Skills) (3cr.Hrs) Or
 5. Inquiry-Based Learning Courses (3cr.Hrs)
(Must be taken within the first 30 Credit hours):
- IBLC 102 (Environmental Sustainability) Or
IBLC 113 (Research Approaches to Drama & Theater) Or
IBLC 119 (Internet and Social media) Or
IBLC 124 (Design Thinking)

(3) Information Literacy (3cr.Hrs)

GEIL101
(Information Literacy)
(3cr.Hrs)

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

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

Choose one course:

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

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

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

From College of Science:
MATH 1110
(Calculus for Engineers)
(3cr.Hrs)

(2) Natural Sciences (6cr.Hrs)

From College of Science:
1. PHYS 105 (General Physics1) (3cr. Hrs)
2.CHEM 111(General Chemistry I) (3cr. Hrs)

Graduation Project I (3cr. Hrs)
Graduation Project II (3cr. Hrs)

* One Cr. is assigned as an Ethics Cr. Hr to satisfy Cluster 1 requirement

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

(1) Emirates Society (3cr.Hrs)

HSS 105
(Emirates Studies)
(3cr.Hrs)

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

From College of Engineering:
GENG 315
Engineering Economics (3cr.Hrs)

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

Choose one course:

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