



Student Name :

Student No. :

Academic Advisor :

Mark	Pre-requisite	Cr. H.	Course	Course No.
	0670381	3	Hydraulics	0670441
	0670441	3	Hydrology	0670541
	* 0670441	1	Hydraulics Lab	0670442
	* 0670443	1	Sanitary Eng Lab	0670444
	0670331	3	Foundation Eng	0670531
	115 Cr. H.	3	Eng Training (**)	0670499
	100 Cr. H.	1	Eng Project - 1	0670551
	0670551 + 0670499	2	Eng Project - 2	0670552
	0670211	3	Fluid Mechanics	0670381
	0670381	3	Sanitary Eng	0670443

B. Compulsory Support Requirements (20) Cr. H.

Mark	Pre-requisite	Cr. H.	Course	Course No.
	0620171	1	Eng. Workshop (2)	0620172
	* 0212101	1	General Chemistry (1) Lab	0212102
	0250102	3	Calculus (3)	0250202
	0250102	3	Linear Algebra & Direc. Integra.	0250205
	0250102	3	Engineering Analysis - 1	0650260
	0250205	3	Engineering Analysis - 2	0630262
	0670211	3	Dynamics	0620212
	0250102	3	Engineering Statistics	0670203

C. Elective Requirements

The student must study (9) Cr. H. from the table below

Mark	Pre-requisite	Cr. H.	Course	Course No.
	0670412	3	Prestressed Concrete	0670517
	0670444+0212101	3	Environmental Eng.	0670343
	0670412	3	Bridge Eng.	0670519
	Dept. Approval	3	Special Topics in Civil Eng	0670553
	0670422	3	Airports & Railways Eng.	0670522
	0670531	3	Advanced Foundation Eng	0670532
	0670443	3	Treat. of Solid & Liquid Wastes	0670545

(*) Concurrent



Second : Faculty Requirements (27) Cr. H.

العلامة	المتطلب السابق	الساعات المعتمدة	اسم المادة	رقم المادة
	---	3	Calculus (1)	0250101
	0250101	3	Calculus (2)	0250102
	---	3	General Physics (1)	0211101
	0211101	3	General Physics (2)	0211102
	---	3	General Chemistry (1)	0212101
	---	1	Manual Eng. Drawing	0660131
	0660131	1	Computer Eng. Drawing	0660132
	0660132	1	Eng. Workshop (1)	0620171
	---	3	Programming Language	0630263
	0130102	3	Engineering Skills	0640253
	0640253	3	Entrepreneurship	0610550

Third : Department Requirements (106) Cr. H.

A. Compulsory Requirements (77) Cr. H.

Mark	Pre-requisite	Cr. H.	Course Title	Course No.
	0250102	3	Engineering Geology	0670231
	0211101 + 0250102	3	Statics	0670211
	0620212	3	Strength of Materials	0670212
	* 0670212	1	Strength of Materials Lab.	0670213
	0250102	3	Construction Materials	0670214
	* 0670214	1	Construction Materials Lab	0670216
	0670214	3	Building Construction & Draw.	0670217
	0670231	3	Soil Mechanics	0670331
	* 0670331	1	Soil Mechanics Lab	0670332
	0670212	3	Structures (1)	0670311
	0670311	3	Structures (2)	0670312
	0670261	3	Eng. Design of Highways	0670324
	0670324	3	Pavement Design	0670323
	* 0670323	1	Design of Highways lab	0670322
	0670312	3	Reinforced Concrete -1	0670411
	0670411	3	Reinforced Concrete -2	0670412
	0670312	2	Metallic Structures	0670414
	0670324	2	Transportation & Traffic Eng	0670422
	0250102	3	Surveying	0670261
	* 0670261	1	Surveying Lab	0670262
	0670412	3	Management of Eng. Projects	0670571
	0670412	3	Specif., Contracts & Qu. Surv.	0670572

First : University Requirements (27) Cr. H.
A. : University Compulsory Req. (15) Cr. H.

Mark	Pre-requisite	Cr. H.	Course Title	Course No.
	114099	3	Arabic Language Skills (1)	114101
	---	3	Military Science	111100
	130099	3	English Language Skills (1)	130101
	130101	3	English Language Skills (2)	130102
	---	3	National Education	111101
	---	0	Society Volunteer Work	111000

B. : University Elective Courses (12) Cr. H.

The student must study (12) Cr. H. from the table below

Mark	Pre-requisite	Cr. H.	Course Title	Course No.
	---	3	Language Skills (1)	140111
	---	3	Language Skills (2)	140112
	---	3	Human Vision & Civilization (1)	111133
	---	3	Legal Culture	420143
	---	3	Human Rights	420140
	---	3	Introduction to Project Manag.	330111
	---	3	Social Networking Skills	731102
	---	3	Health Education	910102
	---	3	Connectivity & Commu. Skills	780101
	---	3	Entrepreneurship & Creativity	610230
	---	3	Environmental Culture	240152
	---	3	Introduction to Psychology	111112

Note:-

All students must take level examinations in Arabic Language, English Language, and Computer Skills. Student who fail to pass in any examinations (less than 50%) must successfully pass the remedial course which he/she did not pass.

Codes used in Curriculum:

- 610 Electrical Eng.
- 611 Renewable Energy Eng.
- 615 Alternative Energy Technology
- 620 Mechanical Eng.
- 630 Computer Eng.
- 640 Mechatronics Eng.
- 650 Communications & Electronics Eng.
- 660 Architectural Eng.
- 670 Civil Eng.

16.09.2020

د. محمد عبد الحليم
2019/9/16