الخطة الدراسية

تعتمد الخطة الدراسة علي مقررات يعبر عنها بوحدات دراسية تحددها الكلية

الخطة الدراسية لقسم الهندسة المدنية – جامعة فزان

Semester			1	2	3	4	5	6	7	Sum of Units	Topics No.	Sum of Units / Sum of topic No
FIRST		Designation	GH 112	GS 130	GS 120	GS 135	GS 136	GH 111		16	6	16
		Course Name	English Language I	Physics I	Mathematics I	General Chemistry	G. Chemistry Lab.	Arabic Language				
		Units	3	3	3	3	1	3				6
		Prerequisite		-	-	-	-	-				
SECOND		Designation	GS 113	GS 131	GS 121	GE 140	GE 142	GS 132		15	6	31
		Course Name	English Language II	Physics II	Mathematics II	Engineering Mechanics I	Engineering Drawing	Physics Lab.				
		Units	3	3	3	3	2	1				12
		Prerequisite	GH 112	GS 130	GS 120			GS 130				
THIRD		Designation	CE 210	GE 244	GS 222	CE 220	GE 243	GS 228	GE 249	18	7	49
		Course Name	Building Materials	Engineering Workshop	Mathematics III	Strength of Materials I	Descriptive Geometry	Computer science	Engineering Geology			
		Units	3	2	3	3	2	3	2			18
		Prerequisite	-	-	GS 121	GE 140	GE 142	GS121	-			
FOURTH		Designation	CE 215	GH 214	GS 223	CE 221	CE240	CE 250	GH 218	17	7	66
		Course Name	Concrete Technology	History of Islamic culture	Mathematics IV	Strength of Materials II	Surveying I	Fluid Mechanics I	Technical Report Writing			
		Units	3	2	3	2	3	3	1			26
		Prerequisite	CE 210	GH 111	GS 222	CE 220	-	GE 140	GS 113			
FIFTH		Designation	CE 241	CE 300	CE 370	CE 322	GS 324	CE 251		17	6	83
		Course Name	Surveying II	Civil Eng. Drawing	Soil Mechanics I	Theory of Structures I	Statistics & Probability	Fluid Mechanics II				
		Units	3	2	3	3	3	3				32
		Prerequisite	CE240	GE 142	GE 249	CE 221	GS 120	CE 250				
SIXTH		Designation	GE 346	CE 328	CE 341	CE 323	CE 344	CE 371		18	6	101
		Course Name	Numerical Methods	Rein. Concrete Design I	Construction and Architecture	Theory of Structures II	Highway Engineering I	Soil Mechanics II				
		Units	3	3	3	3	3	3				38
		Prerequisite	GS 222	CE 221	CE 300	CE 322	CE 341	CE 370				
SEVENTH		Designation	CE 476	CE 429	CE 435	CE 445	CE 457	CE 502		18	6	119
		Course Name	Foundation Engineering I	Reinforced Concrete Design II	Design of Steel Structures I	Highway Engineering II	Sanitary Engineering I	Computer Appl. in Civil Eng.				
		Units	3	3	3	3	3	3				44
		Prerequisite	CE 371	CE 328	CE 322	CE 344	CE 251	Fifth Semester				
Structures & Materials Division	Eight	Designation	CE 477	CE 482	CE 430	CE 424	CE 436			15	5	134
		Course Name	Foundation Engineering II	Construction M. and Equipment's	Reinforced Concrete Design III	Theory of Structures III	Design of Steel Structures II					
		Units	3	3	3	3	3					49
		Prerequisite	CE 476	CE344	CE 429	CE 323	CE 435					
	Ninth	Designation	CE 525	CE 581	CE 5XX	CE 5XX	CE 599			9	5	143
		Course Name	Matrix Analysis of Structures	Eng. Economy and Management	Selected Topic II	Selected Topic I	Engineering Project					
		Units	3	2	2	2	Cont.					54
		Prerequisite	CE 424	Seventh Semester	Specialization	Specialization	Specialization					
	Tenth	Designation	CE 531	CE 583	CE 5XX	CE 599				12	4	155
		Course Name	Prestressed Concrete	Specifications and Contracts	Selected Topic III	Engineering Project						
		Units	3	3	2	4						58
		Prerequisite	CE 429	Sixth Semester	Specialization	-						
Hydraulic & Environmental Eng. Division	Eight	Designation	CE 462	CE 482	CE 463	CE 458	CE 452			15	5	119
		Course Name	Surface Water Hydrology	Construction M. and Equipment's	Irrigation and Drainage	Sanitary Engineering II	Hydraulic Structures I					
		Units	3	3	3	3	3					48
		Prerequisite	CE 351	CE344	CE 351	CE 457	CE 351					
	Ninth	Designation	CE 543	CE 581	CE 5XX	CE 5XX	CE 599			9	5	143
		Course Name	Hydraulic Structures II	Eng. Economy and Management	Selected Topic II	Selected Topic I	Engineering Project					
		Units	3	2	2	2	Cont.					54
		Prerequisite	CE 452	Seventh Semester	Specialization	Specialization	Specialization					
	Tenth	Designation	CE 564	CE 583	CE 5XX	CE 599				12	4	155
		Course Name	Harbor Engineering	Specifications and Contracts	Selected Topic III	Engineering Project						
		Units	3	3	2	4						58
		Prerequisite	-	Sixth Semester	Specialization							
Geotechnical & Transportation Engineering Division	Eight	Designation	CE 477	CE 482	CE 446	CE 442	CE 472			15	5	119
		Course Name	Foundation Engineering II	Construction M. and Equipment's	Traffic Engineering	Surveying III	Soil Exploration II					
		Units	3	3	3	3	3					48
		Prerequisite	CE 476	CE344	CE 445	CE 341	CE 371					
	Ninth	Designation	CE 547	CE 581	CE 5XX	CE 5XX	CE 599			9	5	143
		Course Name	Railway Engineering	Eng. Economy and Management	Selected Topic II	Selected Topic I	Engineering Project					
		Units	3	2	2	2	Cont.					54
		Prerequisite	CE 445	Seventh Semester	Specialization	Specialization	Specialization					
	Tenth	Designation	CE 572	CE 583	CE 5XX	CE 599				12	4	155
		Course Name	Soil Stabilization	Specifications and Contracts	Selected Topic III	Engineering Project						
		Units	3	3	2	4						58
		Prerequisite	CE 371	Sixth Semester	Specialization	-						

الخطة الدراسية لقسم الهندسة المدنية تخصص عمارة –جامعة فزان

Semester			1	2	3	4	5	6	7	Sum of Units	No. Topics	Sum of Units / Sum of topic No
FIRST		Designation	GH112	GS 130	GS 120	GS 135	GS 136	GH 111		16	6	16
		Course Name	English Language I	Physics I	Mathematics I	General Chemistry	G. Chemistry Lab.	Arabic Language I				
		Units	3	3	3	3	1	3				6
		Prerequisite	-	-	-	-	-	-				
SECOND		Designation	GS 113	GS 131	GS 121	GE 140	GE 142	GS 132		15	6	31
		Course Name	English Language II	Physics II	Mathematics II	Engineering Mechanics I	Engineering Drawing	Physics Lab.				
		Units	3	3	3	3	2	1				12
		Prerequisite	GH 112	GS 130	GS 120	-	-	-				
THIRD		Designation	CE 210	GE 244	GS 222	CE 220	GE 243	GS 228	GE 249	18	7	49
		Course Name	Building Materials	Engineering Workshop	Mathematics III	Strength of Materials I	Descriptive Geometry	Computer Science	Engineering Geology			
		Units	3	2	3	3	2	3	2			19
		Prerequisite	-	-	GS 121	GE 140	GE 142	-	-			
FOURTH		Designation	CE 215	GH 214	GS 223	CE 221	CE240	CE 250	GH 418	17	7	66
		Course Name	Concrete Technology	Culture	Mathematics IV	Strength of Materials II	Surveying I	Fluid Mechanics I	Technical Report Writing			
		Units	3	2	3	2	3	3	1			26
		Prerequisite	CE 210	GH 111	GS 121	CE 220	-	GE 140				
FIFTH		Designation	CE 341	CE-AR 310	CE 370	CE 322	GS 324	CE-AR311		17	6	83
		Course Name	Surveying II	Civilk Architectural Drawing	Soil Mechanics I	Theory of Structures I	Statistics & Probability	Introduction to Architectural Engineering				
		Units	3	2	3	3	3	3				32
		Prerequisite	CE240	Fourth Semester	GE 249	CE 221	GS 120	Fourth Semester				
SIXTH		Designation	GE 346	CE 328	CE-AR330	CE 323	CE 344	CE 371		18	6	101
		Course Name	Numerical Methods	Rein. Concrete Design I	Architectural Design I	Theory of Structures II	Highway Engineering I	Soil Mechanics II				
		Units	3	3	3	3	3	3				38
		Prerequisite	GS 222	CE 221	CE-AR 310	CE 322	CE 341	CE 370				
SEVENTH		Designation	CE 476	CE 429	CE 435	CE 445	CE 457			15	5	116
		Course Name	Foundation Engineering I	Reinforced Concrete Design II	Design of Steel Structures I	Highway Engineering II	Sanitary Engineering I					
		Units	3	3	3	3	3					43
		Prerequisite	CE 371	CE 328	CE 322	CE 344	CE 250	-				
Architecture Division	Eight	Designation	CE-AR431	CE-AR412	CE-AR420	CE-AR414	CE-AR413			15	5	131
		Course Name	Architectural Design II	Freehand Drawing	Structural Systems	Sciography and Perspective	History of Architecture					
		Units	3	3	3	3	3					48
		Prerequisite	CE-AR 330	Sixth Semester	Sixth Semester	Sixth Semester	CE-AR 311					
	Ninth	Designation	CE-AR532	CE-AR533	CE-AR515	CE-AR5XX	CE-AR5XX	CE-AR599		12	6	143
		Course Name	Architectural Design III	Computer Appl. in Architecture	Architecture Modeling	Selected Topic II	Selected Topic I	Engineering Project				
		Units	3	3	3	2	2	Cont.				54
		Prerequisite	CE-AR 431	Seventh Semester	CE-AR 421	Specialization	Specialization	Specialization				
	Tenth	Designation	CE-AR534	CE-AR522	CE-AR5XX	CE-AR599				12	4	155
		Course Name	Architectural Design IV	Practicing profession	Selected Topic III	Engineering Project						
		Units	3	3	2	4						58
		Prerequisite	CE-AR532	Ninth Semester	Specialization	-						