

		4	ENG 011	Engineering Numerical Methods	الطرق العددية	English	3		2				3	78	72	150	6.00	B		
		5	DWR 018	Sanitary Engineering	الهندسة الصحية	English	2				1		3	48	102	150	6.00	C	DWR 011	
						Total	14	0	4	0	6	0	18	378	522	750	30.00			
Level	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSW hr/sem	SWL hr/sem	ECTS	Module Type	Prerequisite Module(s) Code	
							CL (hr/w)	Lect (hr/w)	Lab (hr/w)	Pr (hr/w)	Tut (hr/w)	Semn (hr/w)								
UGIV	Seven	1	DWR 019	Irrigation and Drainage Engineering	هندسة الري والبزل	English	3				1		3	63	87	150	6.00	C		
		2	DWR 020	Design of Dams	تصاميم السدود	English	3				1		3	63	87	150	6.00	C	DWR 017	
		3	ENG 012	Ethics and Leader Skills	الاخلاقيات ومهارات القيادة	Arabic	2						3	33	17	50	2.00	S		
		4	DWR 021	Environmental Engineering	الهندسة البيئية	English	2		2			1		3	78	72	150	6.00	C	
		5	DWR 022	Senior Design Project I	مشروع التخرج I	English	2	1	2				1	3	78	22	100	4.00	C	
		6	DWR 023	Reinforced Concrete Design	تصاميم الخرسانة المسلحة	English	3					1		3	63	87	150	6.00	C	
							Total	15	1	4	0	4	1	18	378	372	750	30.0		
		Eight	1	DWR 024	Methods of Construction and Estimation	التخمين وطرق الانشاء	English	3				1		3	63	87	150	6.00	C	
	2		DWR 025	Safety and Operation of Dams	سلامة وتشغيل السدود	English	3					1		3	63	87	150	6.00	C	DWR 020
	3		DWR 026	Foundations Engineering	هندسة الأسس	English	3							3	48	102	150	6.00	C	DWR 012
	4		DWR 027	Senior Design Project II	مشروع التخرج II	English	3	1	2				1	3	93	57	150	6.00	C	DWR 022
	5		DWR 028	Pipe Networks	شبكات الانابيب	English	2					1		3	48	102	150	6.00	C	
							Total	14	1	2	0	3	1	15	315	435	750	30.0		

Note: The student should complete 4 weeks of Summer Internships to fulfill the requirements of the Bachelor's degree

Structured SWL (hr/w) type	CL	Class Lecture	Module type	B	Basic learning activities	SWL:	Student Workload
	Lab	Laboratory		C	Core learning activity	SSWL:	Structured SWL
	Pr	Practical Training		S	Support or related learning activity	USSWL:	Unstructured SWL
	Tut	Tutorial		E	Elective learning activity		
	Lect Sem	Online lecture Seminar					

Note: Columns O, Q and R are programmed, protected and should not be edited