

Academic Program Description form

University Name: University of Mosul

Faculty / Institute: College of Engineering

Scientific Department: Electrical Engineering

Academic or Professional Program Name:

B.Sc. Electrical Engineering / Electronics and Communication

B.Sc. Electrical Engineering / Power and Machines

Final Certificate Name: B.Sc. in Electrical Engineering

Academic System: Courses System + Bologna Process

Description Preparation Date: March, 2024

File Completion Date: March, 2024

Signature:

Head of Department Name:

Dr. Mohammad Tariq Yaseen

Date: March, 2024

Signature:

Scientific Associate Name:

Dr. Ayman T.Hameed

Date: March, 2024

The file is checked by: Department of Quality Assurance and University Performance

Director of Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

Six	1	EEPM307	Engineering Analysis II	التحليلات الهندسية II	English	3				1		3	63	37	100	4.00	B		
	2	EEPM308	Generation Systems	نظم التوليد	English	3				1		3	63	87	150	6.00	C		
	3	EEPM309	Electrical Machines Drives	مسوقات المكنن الكهربائية	English	4				1		3	78	72	150	6.00	C		
	4	EEPM310	Power Electronics II	الالكترونيات القدرة II	English	3				1		3	63	87	150	6.00	C		
	5	EEPM311	Programmable controllers	متحكمات مبرمجة	English	2						3	33	17	50	2.00	S		
	6	EEPM312	Power and Machines Lab. II	مختبرات القدرة والمكنن II	English							4	3	63	37	100	4.00	C	
	7	EEPM313	English language	اللغة الانكليزية	English	2						3	33	17	50	2.00	S		
	Total						17	0	4	0	4	0	21	396	354	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	USSWL 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)							
Seven	1	EEPM401	Control Systems I	نظم السيطرة I	English	3						3	63	87	150	6.00	C		
	2	EEPM402	Power System Analysis	تحليل انظمة القدرة	English	3						3	63	87	150	6.00	C		
	3	EEPM403	High Voltage Engineering	هندسة الضغط العالي	English	4						3	93	57	150	6.00	C		
	4	EEPM404	Special Electrical Machines I	المكنن الكهربائية الخاصة I	English	3						3	63	87	150	6.00	C		
	5	EEPM405	Power and Machines Lab. III	مختبرات القدرة والمكنن III	English							4	3	63	37	100	4.00	C	
	6	EEPM406	Graduation Project I	مشروع التخرج I	English	2						3	33	17	50	2.00	S		
	Total						15	0	4	0	5	0	18	378	372	750	30.0		

UGIV	Semester	No.	Module Code	Module Name in English	اسم المادة الدراسية	Language	SSWL (hr/w)						Exam hr/sem	SSWL hr/sem	USSWL 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)							
Eight	1	EEPM407	Control Systems II	نظم السيطرة II	English	4						3	78	72	150	6.00	C		
	2	EEPM408	Power System Protection	حماية انظمة القدرة	English	4						3	78	72	150	6.00	C		
	3	EEPM409	Special Electrical Machines II	المكنن الكهربائية الخاصة II	English	4						3	78	72	150	6.00	C		
	4	EEPM410	Smart Grid	شبكات ذكية	English	3						3	48	55	103	4.12	S		
	5	EEPM411	Power and Machines Lab. IV	مختبرات القدرة والمكنن IV	English							4	3	63	37	100	4.00	C	
	6	EEPM412	Graduation Project II	مشروع التخرج II	English	2						3	33	17	50	2.00	C		
	7	EEPM413	English language	اللغة الانكليزية	English	2						3	33	17	50	2.00	S		
Total						19	0	4	0	3	0	21	411	342	753	30.1			

Total 136 0 30 0 35 0 162 3177 2826 6003 240.1 Must be 240 ECTS

Note: The student should complete 4 weeks of Summer Internships to fulfil 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	Suport or related learning activity	USSWL:	Unstructured SWL
	Tut	Tutorial		E	Elective learning activity		
	Lect	Online lecture					
	Semn	Seminar					

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

