

مناهج الماجستير

مناهج الدراسات العليا (الماجستير) لفرع هندسة الليزر

الفصل الاول

Units	Subjects	Course Title
2	Advanced spectroscopy	M.Sc. Laser Engineering
2	laser system Engineering	
2	Advanced Laser theory	
2	Advanced laser applications	
2	Advanced mathematics	
1	E-language	

الفصل الثاني

Units	Subjects	Course Title
2	Photonic device engineering	M.Sc. Laser Engineering
2	Controlling laser output theory and engineering	
2	Detection system engineering	
2	Elective (Optical Wave Propagation in Free Space)	
1	E-language	
1	Project I	

مناهج الدراسات العليا (الماجستير) لفرع هندسة الالكترونيات البصرية

الفصل الاول

Units	Subjects	Course Title
2	Advanced Optoelectronics	M.Sc. Optoelectronics
2	Fiber laser	
2	Optical fiber technology	
2	Solid state optoelectronics devices	
2	Advanced mathematics	
1	E-language	

الفصل الثاني

Units	Subjects	Course Title
2	Optical signal processing	M.Sc. Optoelectronics
2	Optical communications	
2	Optical engineering and detection theory	
2	Elective (Nano photonics)	
1	E-language	
1	Project I	