

مناهج الدكتوراه

مناهج الدراسات العليا (الدكتوراه) لفرع هندسة الليزر

الفصل الاول

Units	Subjects	Course Title
3	Ultra short pulses technique	Ph.D. Laser Engineering
3	Laser theory of semiconductors	
2	Non-conventional laser systems	
2	Elective (Laser tracking)	
1	Project I	
1	Seminar	

الفصل الثاني

Units	Subjects	Course Title
3	Quantum optics and applications	Ph.D. Laser Engineering
3	Photonic material	
2	Laser remote sensing	
2	Elective (Solid state laser Material)	
1	Project II	
1	Seminar	

مناهج الدراسات العليا (الدكتوراه) لفرع هندسة الالكترونيات البصرية

الفصل الاول

Units	Subjects	Course Title
3	Fiber Optic sensor Application	Ph.D. optoelectronics Engineering
3	Study on Current advanced research	
2	Nonlinear Optics	
2	Elective	
1	Project I	
1	Seminar	

الفصل الثاني

Units	Subjects	Course Title
3	Integrated Optics	Ph.D. optoelectronics Engineering
3	Quantum Optics	
2	Elective I	
2	Elective II	
1	Project II	
1	Seminar	