



ULUDAĞ UNIVERSITY
GRADUATE SCHOOL OF EDUCATION
2017-2018 ACADEMIC YEAR COURSE PLAN

DEPARTMENT OF		OPTICS AND PHOTONICS ENGINEERING																	
DEPARTMENT / PROGRAM		Optics and Photonics Engineering / Master's Degree Program																	
COURSE STAGE	I. TERM / FALL								II. TERM / SPRING										
	Code	Course Title	Type	T	U	L	Credit	ECTS	Code	Course Title	Type	T	U	L	Credit	ECTS			
	FTK5191	MA THESIS I	Z	0	1	0	0	1	FTK5192	MA THESIS II	Z	0	1	0	0	1			
	FTK5201	OPTICS SIMULATION LAB.	Z	1	0	2	3	6	FTK5202	OPTICS AND PHOTONICS LAB.	Z	1	0	2	3	6			
	FTK5401	QUANTUM ELECTRONICS AND LASER ENGINEERING	Z	3	0	0	3	6	FTK5304	ADVANCED INTEGRATED OPTICS	Z	3	0	0	3	6			
	FTK5181	ADVANCED TOPICS IN MA THESIS I	S	4	0	0	0	5	FTK5172	SEMINAR	Z	0	2	0	0	4			
	FTK5101	ELECTROMAGNETIC FIELDS	S	3	0	0	3	6	FTK5000	RESEARCH TECHNIQUES and PUBLICATION ETHICS in OPTICS AND PHOTONICS ENGINEERING	C	2	0	0	2	2			
	FTK5501	FIBER LASERS	S	3	0	0	3	6	FTK5182	ADVANCED TOPICS IN MA THESIS II	S	4	0	0	0	5			
	FTK5505	INFRARED LIGHT SOURCES: LASERS AND LEDS	S	3	0	0	3	6	FTK5306	ADVANCED PHOTONIC DEVICES	S	3	0	0	3	6			
FTK5511	PHYSICAL OPTICS	S	3	0	0	3	6	FTK5506	PHOTONIC FABRICATION TECHNOLOGIES	S	3	0	0	3	6				
								FTK5512	PHOTODETECTORS AND CAMERAS	S	3	0	0	3	6				
Total Credits								12	30	Total Credits								11	30
STAGE THESIS	III. TERM / FALL								IV. TERM / SPRING										
	FTK5193	Ma Thesis III	Z	0	1	0	0	25	FTK5194	Ma Thesis IV	Z	0	1	0	0	25			
	FTK5183	Advanced Topics In Ma Thesis III	Z	4	0	0	0	5	FTK5184	Advanced Topics In Ma Thesis IV	Z	4	0	0	0	5			
	Total Credits								0	30	Total Credits								0
TOTAL CREDITS: 23 - TOTAL ECTS: 120																			

Not: The student is expected to take a total of credited selective courses every academic term.

The student have the option of choosing one selective course from another department with the endorsement of the supervisor.