



BURSA ULUDAĞ ÜNİVERSİTESİ
FEN BİLİMLERİ ENSTİTÜSÜ
2023-2024 EĞİTİM ÖĞRETİM YILI DERS PLANLARI

FR 1.1.1_02

ANABİLİM/ ANASANAT DALI EKLEMELİ İMALAT

BİLİM/ SANAT DALI /
PROGRAMI YÜKSEK LİSANS PROGRAMI

DERS AŞAMASI	I. YARIYIL / GÜZ								II. YARIYIL / BAHAR							
	Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS	Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS
	EIM5191	TEZ DANIŞMANLIĞI I	Z	0	1	0	0	1	EIM5192	TEZ DANIŞMANLIĞI II	Z	0	1	0	0	1
	EIM5181	YÜKSEK LİSANS UZMANLIK ALAN DERSİ I	Z	4	0	0	0	5	EIM5182	YÜKSEK LİSANS UZMANLIK ALAN DERSİ II	Z	4	0	0	0	5
	EIM	SEÇMELİ DERS	S	3	0	0	3	6	EIM5172	SEMİNER	Z	0	2	0	0	4
	EIM	SEÇMELİ DERS	S	3	0	0	3	6	FEN5000	ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ	Z	2	0	0	2	2
	EIM	SEÇMELİ DERS	S	3	0	0	3	6	EIM	SEÇMELİ DERS	S	3	0	0	3	6
	EIM	SEÇMELİ DERS	S	3	0	0	3	6	EIM	SEÇMELİ DERS	S	3	0	0	3	6
		SEÇMELİ DERS *	S	3	0	0	3	6	EIM	SEÇMELİ DERS	S	3	0	0	3	6
										SEÇMELİ DERS *	S	3	0	0	3	6

Not: *: Öğrenci isterse, danışmanının onayı ile her yarıyıl için en fazla 1 (bir) seçmeli dersini aynı AKTS değerinde olmak şartıyla diğer anabilim dallarından da alabilir.



BURSA ULUDAĞ ÜNİVERSİTESİ
FEN BİLİMLERİ ENSTİTÜSÜ

2023-2024 EĞİTİM ÖĞRETİM YILI DERS PLANLARI (SEÇMELİ DERSLER)

FR 1.1.1_02

ANABİLİM/ ANASANAT DALI EKLEMELİ İMALAT

BİLİM/ SANAT DALI / PROGRAMI YÜKSEK LİSANS PROGRAMI

DERS AŞAMASI	I. YARIYIL / GÜZ								II. YARIYIL / BAHAR							
	Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS	Kodu	Dersin Adı	Türü	T	U	L	Kredi	AKTS
	EIM5001	EKLEMELİ İMALAT TEKNOLOJİSİNE GİRİŞ	S	3	0	0	3	6	EIM5002	EKLEMELİ İMALAT İÇİN TASARIM	S	3	0	0	3	6
	EIM5003	İMALATTA BİLGİSAYAR DESTEKLİ TASARIM	S	3	0	0	3	6	EIM5004	EKLEMELİ İMALAT PROSES SİMÜLASYONLARI	S	3	0	0	3	6
	EIM5005	EKLEMELİ İMALATIN BİYOMEDİKAL UYGULAMALARI	S	3	0	0	3	6	EIM5006	EKLEMELİ İMALATTA TERSİNE MÜHENDİSLİK	S	3	0	0	3	6
	FTK5131	LAZER TEKNOLOJİLERİ	S	3	0	0	3	6	POL5022	POLİMER KOMPOZİTLER VE KARIŞIMLAR	S	3	0	0	3	
	FTK5501	FİBER LAZERLER	S	3	0	0	3	6	POL5024	POLİMER İŞLEME	S	3	0	0	3	6
	BYM5001	BİYOMALZEMELERE GİRİŞ	S	3	0	0	3	6	MAK5260	SÜRDÜRÜLEBİLİR TASARIM	S	3	0	0	3	6
	BYM5007	BİYOMALZEMELERİN MEKANİK ÖZELLİKLERİ	S	3	0	0	3	6	YIT5006	İLERİ TEKNOLOJİK SERAMİK MALZEMELERE GİRİŞ	S	3	0	0	3	6
									YIT5010	FİZİKSEL KALİTE KONTROL YÖNTEMLERİ	S	3	0	0	3	6

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BURSA ULUDAĞ UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES
2023-2024 ACADEMIC YEAR COURSE PLAN

FR 1.1.1_02

DEPARTMENT OF ADDITIVE MANUFACTURING

DEPARTMENT / PROGRAM 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	
	EIM5191	THESIS CONSULTING I	C	0	1	0	0	1	EIM5192	THESIS CONSULTING I	C	0	1	0	0	1	
	EIM5181	ADVANCED TOPICS IN MSC THESIS I	C	4	0	0	0	5	EIM5182	ADVANCED TOPICS IN MSC THESIS II	C	4	0	0	0	5	
	EIM	ELECTIVE COURSE	E	3	0	0	3	6	EIM5172	SEMINAR	C	0	2	0	0	4	
	EIM	ELECTIVE COURSE	E	3	0	0	3	6	FEN5000	RESEARCH TECHNIQUES AND PUBLICATION ETHICS	C	2	0	0	2	2	
	EIM	ELECTIVE COURSE	E	3	0	0	3	6	EIM	ELECTIVE COURSE	E	3	0	0	3	6	
	EIM	ELECTIVE COURSE	E	3	0	0	3	6	EIM	ELECTIVE COURSE	E	3	0	0	3	6	
		ELECTIVE COURSE *	E	3	0	0	3	6	EIM	ELECTIVE COURSE	E	3	0	0	3	6	
										ELECTIVE COURSE *	E	3	0	0	3	6	
Total Credits/ECTS							12	30	Total Credits/ECTS							11	30
STAGE THESIS	III. TERM / FALL								IV. TERM / SPRING								
	EIM5183	ADVANCED TOPICS IN MA THESIS III	C	4	0	0	0	5	EIM5184	ADVANCED TOPICS IN MA THESIS IV	C	4	0	0	0	5	
	EIM5193	THESIS CONSULTING III	C	0	1	0	0	25	EIM5194	THESIS CONSULTING IV	C	0	1	0	0	25	
	Total Credits/ECTS							0	30	Total Credits/ECTS							0
TOTAL CREDITS: 23 - TOTAL ECTS: 120																	

Note: *: If the student wishes, with the approval of his/her advisor, he/she can take at maximum 1 (one) elective course from outside the field, provided that it has the same ECTS value for each semester.



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DEPARTMENT / PROGRAM 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	
	EIM5001	INTRODUCTION TO ADDITIVE MANUFACTURING TECHNOLOGY	E	3	0	0	3	6		EIM5002	DESIGN FOR ADDITIVE MANUFACTURING	E	3	0	0	3	6	
	EIM5003	CAD IN MANUFACTURING	E	3	0	0	3	6		EIM5004	PROCESS SIMULATIONS OF ADDITIVE MANUFACTURING	E	3	0	0	3	6	
	EIM5005	BIOMEDICAL APPLICATIONS IN ADDITIVE MANUFACTURING	E	3	0	0	3	6		EIM5006	REVERSE ENGINEERING IN ADDITIVE MANUFACTURING	E	3	0	0	3	6	
	FTK5131	LASER TECHNOLOGIES	E	3	0	0	3	6		POL5022	POLYMER COMPOSITES AND MIXTURES	E	3	0	0	3		
	FTK5501	FIBER LASERS	E	3	0	0	3	6		POL5024	POLYMER PROCESSING	E	3	0	0	3	6	
	BYM5001	INTRODUCTION TO BIOMATERIALS	E	3	0	0	3	6		MAK5260	DESIGN FOR SUSTAINABILITY	E	3	0	0	3	6	
	BYM5007	MECHANICS PROPERTIES OF BIOMATERIALS	E	3	0	0	3	6		YIT5006	INTRODUCTION TO CERAMIC MATERIALS	E	3	0	0	3	6	
										YIT5010	PHYSICAL METHODS OF QUALITY CONTROL	E	3	0	0	3	6	

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