

GRADUATE SCHOOL OF NATURAL & APPLIED SCIENCES					
MANUFACTURING ENGINEERING GRADUATE PROGRAM WITH THESIS					
Course Code	Course Name	T	A	C	ECTS
MDES 600	Research Methodology and Communication Skills	3	0	3	5
	Technical Elective Course	3	0	3	5
	Technical Elective Course	3	0	3	5
	Technical Elective Course	3	0	3	5
	Technical Elective Course	3	0	3	5
	Technical Elective Course	3	0	3	5
	Technical Elective Course	3	0	3	5
MFGE 589	Graduation Seminar	0	0	0	5
MFGE 597	Master's Thesis	0	0	0	80
				<b>21</b>	120

FEN BİLİMLERİ ENSTİTÜSÜ					
İMALAT MÜHENDİSLİĞİ ABD					
İMALAT MÜHENDİSLİĞİ YÜKSEK LİSANS (TEZLİ) PROGRAMI					
Ders Kodu	Ders Adı	T	U	K	AKTS
MDES 600	Araştırma Metodları ve İletişim Becerileri	3	0	3	5
	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
MFGE 589	Mezuniyet Semineri	0	0	0	5
MFGE 597	Yüksek Lisans Tezi	0	0	0	80
				<b>21</b>	120

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	Technical Elective Course	3	0	3	5
	Technical Elective Course	3	0	3	5
	Technical Elective Course	3	0	3	5
MFGGE 500	Graduation Project	0	0	0	40
				30	90

FEN BİLİMLERİ ENSTİTÜSÜ					
İMALAT MÜHENDİSLİĞİ ABD					
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	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
	Seçmeli Ders	3	0	3	5
MFGGE 500	Mezuniyet Projesi	0	0	0	40
				30	90

## İKAME DERS LİSTESİ

Kapatılan Ders		Yerine Konan Ders	
MFGE583	Special Topics I (Fabrication of Nanomaterials towards Biomedical Applications)		
MFGE500-1	Graduation Project	MFGE 500	
MFGE500-2	Graduation Project	MFGE 500	
MFGE559	Production Plant Design		
MFGE575	Computer Integrated Manufacturing		
MFGE599	Thesis		
MFGE579	Optimization Applications in Manufacturing Engineering		
MFGE599-1	Thesis I	MFGE597	Master's Thesis
MFGE599-2	Thesis II	MFGE597	Master's Thesis
MFGE599-3	Thesis III	MFGE597	Master's Thesis

## SEÇMELİ DERSLER

Code	Name of the Course	T	A	C	ECTS
MFGE506	Practical Finite Elements (Linear Finite Element)	3	0	3	5
MFGE541	Theory of Metal Cutting	3	0	3	5
MFGE542	Theory of Metal Forming	3	0	3	5
MFGE543	Theory of Sheet Metal Forming and Die Design	3	0	3	5
MFGE576	Nonlinear Finite Element Method	3	0	3	5
MFGE577	Quality Control and Metrology	3	0	3	5
MFGE508	Boundary Element Method	3	0	3	5
MFGE509	Theory of Continuous Media	3	0	3	5
MFGE534	Distortion Engineering	3	0	3	5
MFGE547	Mechanical Characterization of Metals I	3	0	3	5
MFGE549	Experimental Stress Analysis	3	0	3	5
MFGE560	Pre-Stress Engineering	3	0	3	5
MFGE561	Surfaces and Interfaces	3	0	3	5
MFGE544	Advanced Tool Design	3	0	3	5