

INDUSTRIAL ENGINEERING DEPARTMENT					
Curriculum of 100% English and 30% English <u>Operations Research</u> Minor Program					
	Course Code	Course Title	Course Code	Course Title	ECTS
Compulsory Courses	IE202	OPERATIONS RESEARCH I (Preq. IE205)	IE202	OPERATIONS RESEARCH I (Ön Şart IE 205)	6
	IE305	OPERATIONS RESEARCH II (Preq. IE202)	ENM305	YÖNEYLEM ARAŞTIRMASI II (Ön Şart IE 202)	5
	IE306	OPERATIONS RESEARCH III (Preq. IE207)	ENM306	YÖNEYLEM ARAŞTIRMASI III (Ön Şart IE 207)	4
	IE208	ENGINEERING STATISTICS (Preq. IE207)	ENM208	MÜHENDİSLİK İSTATİSTİĞİ (Ön Şart IE 207)	5
Elective Courses	IE316	SIMULATION (Preq. IE104, IE208)	ENM316	BENZETİM (Ön Şart ENM 104, IE 208)	5
	IE407	QUALITY PLANNING AND CONTROL	ENM407	KALİTE PLANLAMA VE KONTROL	5
	IE351	PROJECT MANAGEMENT	ENM351	PROJE YÖNETİMİ	4
	IE356	STATISTICAL DATA ANALYSIS	ENM356	İSTATİSTİKSEL VERİ ANALİZİ	4
	IE357	TIME SERIES AND FORECASTING	ENM357	ZAMAN SERİLERİ VE TAHMİN	4
	IE450	DECISION ANALYSIS	ENM450	KARAR ANALİZİ	4
	IE457	SIMULATION LANGUAGES	ENM457	BENZETİM DİLLERİ	4
	IE469	SPECIAL TOPICS IN OR	ENM469	YÖNEYLEM ARAŞTIRMASINDA ÖZEL KONULAR	4
	IE480	MATHEMATICAL MODELLING	ENM480	MATEMATİKSEL MODELLEME	4

INDUSTRIAL ENGINEERING DEPARTMENT					
Curriculum of 100% English and 30% English <u>Production Planning and Control</u> Minor Program					
	Course Code	Course Title	Course Code	Course Title	ECTS
Compulsory Courses	IE312	PRODUCTION PLANNING AND INVENTORY CONTROL	ENM312	ÜRETİM PLANLAMASI VE STOK KONTROL	5
	IE409	PRODUCTION SYSTEMS ANALYSIS AND MANAGEMENT (Preq. IE312)	ENM409	ÜRETİM SİSTEMLERİ ANALİZİ VE YÖNETİMİ (Ön Şart ENM 312)	6
	IE202	OPERATIONS RESEARCH I (Preq. IE205)	IE202	OPERATIONS RESEARCH I (Ön Şart IE 205)	6
	IE324	PROCESS MANAGEMENT	ENM324	SÜREÇ YÖNETİMİ	5
Elective Courses	IE226	COST ANALYSIS	IE226	COST ANALYSIS	5
	IE307	ENGINEERING ECONOMY	ENM307	MÜHENDİSLİK EKONOMİSİ	4
	IE316	SIMULATION (Preq. IE104, IE208)	ENM316	BENZETİM (Ön Şart ENM 104, IE 208)	5
	IE317	FACILITIES PLANNING	ENM317	TESİS PLANLAMA	4
	IE323	ERGONOMICS	ENM323	ERGONOMİ	5
	IE407	QUALITY PLANNING AND CONTROL	ENM407	KALİTE PLANLAMA VE KONTROL	5
	IE453	SCHEDULING	ENM453	ÇİZELGELEME	4
	IE454	COMPUTER INTEGRATED MANUFACTURING SYSTEMS	ENM454	BİLGİSAYARLA BÜTÜNLEŞİK İMALAT SİSTEMLERİ	4
	IE455	PRODUCTION-DISTRIBUTION SYSTEMS PLANNING	ENM455	ÜRETİM-DAĞITIM SİSTEMLERİ PLANLAMASI	4
	IE460	PRODUCTION INFORMATION SYSTEMS	ENM460	ÜRETİM BİLGİ SİSTEMLERİ	4
	IE467	INVENTORY MANAGEMENT	ENM467	STOK YÖNETİMİ	4
	IE470	SPECIAL TOPICS IN MODERN MANUFACTURING SYSTEMS	ENM470	MODERN ÜRETİM SİSTEMLERİNDE ÖZEL KONULAR	4

REMARKS

Operations Research

Students from the departments of Computer Engineering, Electrical and Electronics Engineering, Civil Engineering, Chemical Engineering, Mechanical Engineering, Business Administration, Econometrics, Statistics and Mathematics can apply. The curriculum will be completed by taking all of the compulsory courses and 2 of the elective courses specified in the table.

Production Planning and Control

Students from the departments of Computer Engineering, Electrical and Electronics Engineering, Civil Engineering, Chemical Engineering, Mechanical Engineering, Business Administration, Mechanical Education, Furniture and Decoration Education can apply. The curriculum will be completed by taking all of the compulsory courses and 2 of the elective courses specified in the table.