

Fen Bilimleri Enstitüsü
Endüstri Mühendisliği (İngilizce) / Endüstri Mühendisliği (İngilizce)
Doktora

Genel Toplam Ders Adedi :8 T : 24 U : Kredi : 60 ECTS : 60 T+U : 24

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE-CC1,2-DR	CORE - 1,2 (Ders 1) <small>[Bu ders IE-CC1,2-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
2	IE-CC1,2-DR	CORE - 1,2 (Ders 2) <small>[Bu ders IE-CC1,2-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	IE-EE1,2-DR	ELECTIVE - 1-2 (Ders 1) <small>[Bu ders IE-EE1,2-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	IE-EE1,2-DR	ELECTIVE - 1-2 (Ders 2) <small>[Bu ders IE-EE1,2-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
Toplam			12	0	32	32

2. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	FBE-ES	Enstitü Seçimlik (Ders 1) <small>[Bu ders FBE-ES ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	4	4
2	IE-CC3-DR	CORE - 3 (Ders 1) <small>[Bu ders IE-CC3-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	IE-EE3,4-DR	ELECTIVE - 3-4 (Ders 1) <small>[Bu ders IE-EE3,4-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	IE-EE3,4-DR	ELECTIVE - 3-4 (Ders 2) <small>[Bu ders IE-EE3,4-DR ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
Toplam			12	0	28	28

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IE-CC1,2-DR						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE8001	Mathematical Statistics	3	0	8	8
2	IE8002	Advanced Linear Optimization	3	0	8	8
3	IE8003	Advanced Quality Engineering	3	0	8	8
4	IE8004	Scheduling Theory	3	0	8	8
5	IE8005	Artificial Intelligence Supported Decision Making	3	0	8	8
6	IE8007	Research Topics in Industrial Engineering I	3	0	8	8
7	IE8008	Research Topics in Industrial Engineering II	3	0	8	8
8	IE8009	Game Theory	3	0	8	8
9	IE8011	Combinatorial Optimization in Industrial Engineering	3	0	8	8
10	IE8012	Non-Linear Optimization	3	0	8	8
11	IE8016	Inventory Theory	3	0	8	8
12	IE8018	Stochastic Processes in Decision Making	3	0	8	8
13	IE8019	Neural Networks for Manufacturing	3	0	8	8
14	IE8020	Advanced Multivariate Statistical Analysis	3	0	8	8

IE-EE1,2-DR						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE8006	Graph Theory	3	0	8	8
2	IE8015	Computational Complexity in Industrial Engineering	3	0	8	8
3	IE8021	Advanced Bayesian Decision Analysis	3	0	8	8
4	IE8022	Queueing Theory	3	0	8	8
5	IE8023	Methodology of Operations Research	3	0	8	8
6	IE8024	Advanced Supply Chain Management	3	0	8	8
7	IE8025	Computer Aided Manufacturing	3	0	8	8
8	IE8026	Advanced Forecasting Techniques	3	0	8	8
9	IE8028	Tools and Techniques for Optimization	3	0	8	8
10	IE8030	Advanced Data Mining	3	0	8	8
11	IE8045	Advanced Data Envelopment Analysis	3	0	8	8
12	IE8046	Heuristic Solution Techniques	3	0	8	8

FBE-ES						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	FBE8001	İleri Araştırma Metodları	3	0	4	4
2	FBE8002	Advanced Research Methods	3	0	4	4
3	FBE8003	Fen ve Mühendislikte Öğretim ve Öğrenme	3	0	4	4
4	FBE8004	Teaching and learning in Science and Engineering	30	0	4	4

IE-CC3-DR						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE8001	Mathematical Statistics	3	0	8	8
2	IE8002	Advanced Linear Optimization	3	0	8	8
3	IE8003	Advanced Quality Engineering	3	0	8	8
4	IE8004	Scheduling Theory	3	0	8	8
5	IE8005	Artificial Intelligence Supported Decision Making	3	0	8	8
6	IE8007	Research Topics in Industrial Engineering I	3	0	8	8
7	IE8008	Research Topics in Industrial Engineering II	3	0	8	8
8	IE8009	Game Theory	3	0	8	8
9	IE8011	Combinatorial Optimization in Industrial Engineering	3	0	8	8
10	IE8012	Non-Linear Optimization	3	0	8	8
11	IE8016	Inventory Theory	3	0	8	8
12	IE8018	Stochastic Processes in Decision Making	3	0	8	8
13	IE8019	Neural Networks for Manufacturing	3	0	8	8
14	IE8020	Advanced Multivariate Statistical Analysis	3	0	8	8

IE-EE3,4-DR						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	IE8006	Graph Theory	3	0	8	8
2	IE8015	Computational Complexity in Industrial Engineering	3	0	8	8
3	IE8021	Advanced Bayesian Decision Analysis	3	0	8	8
4	IE8022	Queueing Theory	3	0	8	8
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