

Fen Bilimleri Enstitüsü
Bilgisayar Mühendisliği (İngilizce) / Bilgisayar Mühendisliği (İngilizce)
Tezli Yüksek Lisans

Genel Toplam Ders Adedi :8 T : 21 U : 2 Kredi : 60 ECTS : 60 T+U : 23

1. YARIYIL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CSE-E1..4-YL	Seçimlik Ders - 1..4 (Ders 1) <small>[Bu ders CSE-E1..4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
2	CSE-E1..4-YL	Seçimlik Ders - 1..4 (Ders 2) <small>[Bu ders CSE-E1..4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	CSE-E1..4-YL	Seçimlik Ders - 1..4 (Ders 3) <small>[Bu ders CSE-E1..4-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	CSE-E1..4-YL	Seçimlik Ders - 1..4 (Ders 4) <small>[Bu ders CSE-E1..4-YL 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	CSE7000	Seminar	0	2	4	4
2	CSE-E5,6,7-YL	Seçimlik Ders - 5-6-7 (Ders 1) <small>[Bu ders CSE-E5,6,7-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
3	CSE-E5,6,7-YL	Seçimlik Ders - 5-6-7 (Ders 2) <small>[Bu ders CSE-E5,6,7-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
4	CSE-E5,6,7-YL	Seçimlik Ders - 5-6-7 (Ders 3) <small>[Bu ders CSE-E5,6,7-YL ders grubundan alınacaktır, aşağıya bakınız]</small>	3	0	8	8
Toplam			9	2	28	28

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CSE-E1..4-YL						
No	Ders Kodu	Ders Adı	T	U	Kredi	ECTS
1	CSE7001	Advanced Database Systems	3	0	8	8
2	CSE7002	Software Processes	3	0	8	8
3	CSE7003	Object Oriented Design and Programming	3	0	8	8
4	CSE7004	Combinatorial Optimization	3	0	8	8
5	CSE7005	Mathematics for Computer Science	3	0	8	8
6	CSE7006	Design and Analysis of Algorithms	3	0	8	8
7	CSE7007	Advanced Engineering Mathematics	3	0	8	8
8	CSE7009	Computational Complexity	3	0	8	8
9	CSE7010	Probability and Random Processes	3	0	8	8
10	CSE7011	Introduction to Cryptography	3	0	8	8
11	CSE7013	Digital Signal Processing	3	0	8	8
12	CSE7014	Wireless Network Protocols	3	0	8	8
13	CSE7015	Digital Image Processing	3	0	8	8
14	CSE7016	Computer Vision	3	0	8	8
15	CSE7017	Automata Theory	3	0	8	8
16	CSE7018	Performance Evaluation of Computer Networks	3	0	8	8
17	CSE7019	Advanced Computer Architecture	3	0	8	8
18	CSE7020	Advanced Computer Networks	3	0	8	8
19	CSE7021	Parallel Processing	3	0	8	8
20	CSE7022	Advanced Operating Systems	3	0	8	8
21	CSE7024	Distributed Systems	3	0	8	8
22	CSE7025	Nature-Inspired Computing	3	0	8	8
23	CSE7026	Task Scheduling in Distributed Systems	3	0	8	8
24	CSE7027	Optical Networks	3	0	8	8
25	CSE7028	Cluster Computing	3	0	8	8
26	CSE7029	Machine Learning	3	0	8	8
27	CSE7030	Text Processing	3	0	8	8
28	CSE7031	Semantics of Programming Languages	3	0	8	8
29	CSE7033	Advanced Computer Graphics	3	0	8	8
30	CSE7034	Neural Networks	3	0	8	8
31	CSE7035	Multimedia Systems	3	0	8	8
32	CSE7036	Pattern Recognition	3	0	8	8
33	CSE7037	Electronic Commerce Technologies	3	0	8	8
34	CSE7038	Bio-Inspired Artificial Intelligence	3	0	8	8
35	CSE7039	Digital Forensics	3	0	8	8
36	CSE7041	Embedded Systems	3	0	8	8
37	CSE7044	Digital Divide	3	0	8	8
38	CSE7045	Introduction to Data Mining	3	0	8	8
39	CSE7046	Introduction to Bioinformatics	3	0	8	8
40	CSE7047	Information Retrieval and Web Search	3	0	8	8
41	CSE7048	Introduction to Web Mining	3	0	8	8
42	CSE7049	Fault Tolerant Computing	3	0	8	8
43	CSE7050	Artificial Intelligence	3	0	8	8
44	CSE7051	Knowledge Based Systems	3	0	8	8
45	CSE7052	Natural Language Processing	3	0	8	8
46	CSE7096	Special Topics in Computer Engineering I	3	0	8	8
47	CSE7097	Special Topics in Computer Engineering II	3	0	8	8
48	CSE7098	Special Topics in Computer Engineering III	3	0	8	8
49	CSE7099	Special Topics in Computer Engineering IV	3	0	8	8

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3	CSE7003	Object Oriented Design and Programming	3	0	8	8
4	CSE7004	Combinatorial Optimization	3	0	8	8
5	CSE7005	Mathematics for Computer Science	3	0	8	8
6	CSE7006	Design and Analysis of Algorithms	3	0	8	8
7	CSE7007	Advanced Engineering Mathematics	3	0	8	8
8	CSE7009	Computational Complexity	3	0	8	8
9	CSE7010	Probability and Random Processes	3	0	8	8
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11	CSE7013	Digital Signal Processing	3	0	8	8
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13	CSE7015	Digital Image Processing	3	0	8	8
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