2022-2023 EĞİTİM-ÖĞRETİM YILI GÜZ YARIYIL/NDAN İTİBAREN ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI'NDA ÇAP YAPACAK MİMARLIK BÖLÜMÜ (TÜRKÇE) LİSANS PROGRAMI ÖĞRENCİLERİ İÇİN DERS PLANI

ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANI

DERS KODU	DERS ADI	AKTS
1. YARIYIL		
E1001	**Introduction to Computing**	**6**
E1601	**Engineering Graphics**	**5**
MCB1001	**Calculus I**	**7**
PHY1001	**Physics I**	**7**
ATA1001	**Principles of Atatürk and History of Revolution I**	**2**
TR1001	**Turkish I**	**2**
IE1702	**Academic English for Industrial Engineering I**	**3**
2. YARIYIL		
E2002	**Introduction to Programming**	**5**
E2401	**Introduction to Industrial Engineering**	**3**
E2602	**General Chemistry**	**5**
MCB1002	**Calculus II**	**7**
PHY2001	**Physics II**	**7**
ATA2001	**Principles of Atatürk and History of Revolution II**	**2**
TR2001	**Turkish II**	**2**
IE2703	**Academic English for Industrial Engineering II**	**3**
3. YARIYIL		
E3003	**Object Oriented Programming**	**5**
E3101	**Introduction to Probability**	**6**
E3501	**Economics**	**4**
E3502	**Financial and Cost Accounting**	**4**
E3603	**Materials Science**	**4**
MCB1004	**Linear Algebra**	**6**
	Elective (minimum 2 AKTS)	**2**
4. YARIYIL		
E4004	**Numerical Analysis for Industrial Engineers**	**5**
E4102	**Statistics for Engineers**	**6**
E4201	**Operations Research I**	**7**
E4503	**Engineering Economics**	**6**
	Departmental Elective (minimum 4 AKTS)	**4**
	Elective (minimum 2 AKTS)	**2**
5. YARIYIL		
E5202	**Operations Research II**	**7**
E5403	**Facilities Design and Planning**	**7**
E5802	**Industrial Training I**	**3**
ENC1001	**Engineering Orientation**	**2**
	Departmental Elective (minimum 13 AKTS)	**13**
6. YARIYIL		
E6103	**Design of Experiments**	**6**
E6404	**Production Planning and Control**	**7**
	Departmental Elective (minimum 17 AKTS)	**17**
7. YARIYIL		
E7203	**Simulation Modelling**	**6**
E7405	**Supply Chain Management**	**5**
E7803	**Industrial Training II**	**3**
	Departmental Elective (minimum 16 AKTS)	**16**
8. YARIYIL		
E8406	**Quality Engineering**	**5**
E8900	**Graduation Project**	**8**
	Departmental Elective (minimum 17 AKTS)	**17**
	TOPLAM	**249**

MİMARLIK BÖLÜMÜ (TÜRKÇE) LİSANS PROGRAMI DERS PLANI

DERS KODU	DERS ADI	AKTS
1. YARIYIL		
MIM0001	MİMARİ TASARIM I	8
MIM1010	ANLATIM TEKNİKLERİ	4
MIM1011	TEMEL TASARIM	4
MBT2002	MİMARLIK İÇİN MATEMATİK	3
ATA1001	Atatürk İlkeleri ve İnkılap Tarihi I	2
TR1001	Türkçe I	2
YDI1001	Yabancı Dil I	3
	Seçmeli Alan Dışı	4
2. YARIYIL		
MIM0002	MİMARİ TASARIM II	8
MIM2010	BİLGİSAYAR ORTAMINDA ANLATIM TEKNİKLERİ	3
MIM2011	MİMARLIK KAVRAMLARI	2
MIM2020	YAPI BİLGİSİ I	4
MIM2022	YAPI MEKANİĞİ	2
MIM2031	İLK ÇAĞ MİMARLIĞI TARİHİ	2
ATA2001	Atatürk İlkeleri ve İnkılap Tarihi II	2
TR2001	Türkçe II	2
YDI2001	Yabancı Dil II	3
	Seçmeli Alan Dışı	2
3. YARIYIL		
MIM0003	MİMARİ TASARIM III	9
MIM3020	YAPI BİLGİSİ II	5
MIM3021	YAPI MALZEMESİ	2
MIM3022	YAPI STATİĞİ	3
MIM3030	ANADOLU MİMARLIĞI TARİHİ	3
	Seçmeli Alan	8
4. YARIYIL		
MIM0004	MİMARİ TASARIM IV	9
MIM4020	YAPI BİLGİSİ III	5
MIM4022	TAŞIYICI SİSTEMLER I	2
MIM4024	FİZİKSEL ÇEVRE KONTROLÜ I	4
MIM4031	AVRUPA MİMARLIĞI TARİHİ	3
MIM4040	KENTSEL TASARIM İLKELERİ	3
	Seçmeli Alan	4
5. YARIYIL		
MIM0005	MİMARİ TASARIM V	10
MIM5023	TAŞIYICI SİSTEMLER II	2
MIM5024	FİZİKSEL ÇEVRE KONTROLÜ II	5
MIM5030	ÇAĞDAŞ MİMARLIK TARİHİ	3
MIM5031	TARİHİ ÇEVRE KORUMA VE RESTORASYON BİLGİSİ	3
MIM5040	KENTSEL PLANLAMA İLKELERİ	3
	Seçmeli Alan	4
6. YARIYIL		
MIM0006	MİMARİ TASARIM VI	10
MIM6026	MİMARLIK EKONOMİSİ	3
MIM6033	RÖLÖVE RESTORASYON VE YENİDEN KULLANIM	5
	Seçmeli Alan	12
7. YARIYIL		
MIM0007	MİMARİ TASARIM VII	10
MIM7025	YAPIM YÖNETİMİ	2
MIM7000	STAJ I	4
	Seçmeli Alan	14
8. YARIYIL		
MIM0080	DİPLOMA PROJESİ	12
MIM8026	İMAR VE MESLEKİ UYGULAMA	2
MIM8000	STAJ II	4
	Seçmeli Alan	12
	TOPLAM	**240**

MİMARLIK BÖLÜMÜ (TÜRKÇE) LİSANS PROGRAMI DERS PLANINDAKİ EŞDEĞER DERSLER

DERS KODU	DERS ADI	AKTS
1. YARIYIL		
ATA1001 / ATA1001	Atatürk İlkeleri ve İnkılap Tarihi I / Principles of Atatürk and History of Revolution I	2 / 2
TR1001 / TR1001	Türkçe I / Turkish I	2 / 2
YDI1001 / IE1702	Yabancı Dil I / Academic English for Industrial Engineering I	3 / 3
2. YARIYIL		
ATA2001 / ATA2001	Atatürk İlkeleri ve İnkılap Tarihi II / Principles of Atatürk and History of Revolution II	2 / 2
TR2001 / TR2001	Türkçe II / Turkish II	2 / 2
YDI2001 / IE2703	Yabancı Dil II / Academic English for Industrial Engineering II	3 / 3
3. YARIYIL		
	Seçmeli Alan Dışı / Elective (minimum 2 AKTS)	2 / 2
4. YARIYIL		
	Seçmeli Alan Dışı / Elective (minimum 2 AKTS)	4 / 2

ÇAP ÖĞRENCİSİNİN ENDÜSTRİ MÜHENDİSLİĞİ BÖLÜMÜ LİSANS PROGRAMI DERS PLANINDAN ALMAK ZORUNDA OLDUĞU DERSLER

DERS KODU	DERS ADI	AKTS
1. YARIYIL		
E1001	**Introduction to Computing**	**6**
E1601	**Engineering Graphics**	**5**
MCB1001	**Calculus I**	**7**
PHY1001	**Physics I**	**7**
2. YARIYIL		
E2002	**Introduction to Programming**	**5**
E2401	**Introduction to Industrial Engineering**	**3**
E2602	**General Chemistry**	**5**
MCB1002	**Calculus II**	**7**
PHY2001	**Physics II**	**7**
3. YARIYIL		
E3003	**Object Oriented Programming**	**5**
E3101	**Introduction to Probability**	**6**
E3501	**Economics**	**4**
E3502	**Financial and Cost Accounting**	**4**
E3603	**Materials Science**	**4**
MCB1004	**Linear Algebra**	**6**
4. YARIYIL		
E4004	**Numerical Analysis for Industrial Engineers**	**5**
E4102	**Statistics for Engineers**	**6**
E4201	**Operations Research I**	**7**
E4503	**Engineering Economics**	**6**
	Departmental Elective (minimum 4 AKTS)	**4**
5. YARIYIL		
E5202	**Operations Research II**	**7**
E5403	**Facilities Design and Planning**	**7**
E5802	**Industrial Training I**	**3**
ENC1001	**Engineering Orientation**	**2**
	Departmental Elective (minimum 13 AKTS)	**13**
6. YARIYIL		
E6103	**Design of Experiments**	**6**
E6404	**Production Planning and Control**	**7**
	Departmental Elective (minimum 17 AKTS)	**17**
7. YARIYIL		
E7203	**Simulation Modelling**	**6**
E7405	**Supply Chain Management**	**5**
E7803	**Industrial Training II**	**3**
	Departmental Elective (minimum 16 AKTS)	**16**
8. YARIYIL		
E8406	**Quality Engineering**	**5**
E8900	**Graduation Project**	**8**
	Departmental Elective (minimum 17 AKTS)	**17**
	TOPLAM	**231**

SEÇİMLİK ALAN DERSLERİ (SA)

DERS KODU	DERS ADI	AKTS
E0005	**Introduction to Fuzzy Modelling**	**5**
E0006	**Data Structures and Programming**	**5**
E0104	**Introduction to Data Mining**	**6**
E0204	**Case Studies in Mathematical Modelling**	**6**
E0205	**Introduction to Decision Analysis**	**6**
E0301	**Systems Analysis**	**5**
E0302	**Enterprise Resource Planning**	**5**
E0303	**Management Information Systems**	**5**
E0307	**Technology Management**	**5**
E0402	**Ergonomics**	**6**
E0407	**Work Study**	**6**
E0408	**Scheduling Applications in Manufacturing and Services**	**6**
E0409	**Project Management**	**6**
E0410	**Quality Planning and Analysis**	**5**
E0504	**Strategic Management**	**5**
E0505	**Marketing Management**	**5**
E0506	**Introduction to Business Management**	**4**
E0507	**Organizational Behaviour and Human Resources**	**4**
E0508	**Labor Law**	**4**
E0604	**Computer Integrated Manufacturing Systems**	**5**
E0605	**Advanced Manufacturing Systems**	**6**
E0606	**Manufacturing Techniques**	**5**
E0607	**Industrial Applications of Nanotechnology**	**6**
E0608	**Introduction to Renewable Energy**	**6**
E0609	**Introduction to Energy Management**	**5**
E0701	**Academic Writing and Presentation Skills**	**5**
E0901	**Special Topics in Industrial Engineering**	**2**
E0411	**Logistics Systems**	**6**
E0902	**Case Studies in Industrial Engineering**	**3**
E0007	**Advanced Excel Applications**	**5**
E0412	**Advanced Project Management**	**6**
E0304	**Human Computer Interaction and User Experience**	**6**
E0305	**Business Simulation**	**6**
E0306	**Database Management Systems**	**6**
E0413	**Service Management**	**6**
E0509	**Managerial Skills for Industrial Engineers**	**5**
E0510	**Entrepreneurship for Industrial Engineers**	**4**
E0414	**Lean Management Principles and Practice**	**6**
E0511	**Case Studies in Managerial Finance**	**5**
CSE0406	**Mobile Programming**	**6**
CSE0440	**Artificial Intelligence**	**6**
CSE0448	**Big Data Analytics**	**6**
E0008	**Cryptocurrency and Blockchain**	**5**
E0105	**Pricing and Revenue Management**	**5**
E0206	**System Dynamics**	**6**
E0308	**Applied Business Process Management**	**5**
E0106	**Forecasting Methods and Applications**	**5**
E0107	**Applied Machine Learning**	**5**
E0702	**Business English Practice**	**4**
CSE0449	**Internet of Things**	**6**
CSE0496	**Graph Theory and Social Networking**	**6**
CSE0457	**Web Mining**	**6**
E0309	**IT Service Management**	**5**

SEÇİMLİK ALAN DERSLERİ (SA)

DERS KODU	DERS ADI	AKTS
MIM0101	**MİMARİDE ÜTOPYA**	**4**
MIM0102	**MİMARİDE PSİKOLOJİ**	**4**
MIM0103	**MİMARLIKTA TASARIM KONSEPTİ ARAŞTIRMASI**	**4**
MIM0104	**EKOLOJİ VE MİMARLIK**	**4**
MIM0105	**İNSAN DAVRANIŞLARI VE MİMARLIK**	**4**
MIM0108	**KÜLTÜR KONUT VE TASARIM**	**4**
MIM0109	**MİMARLIKTA MEKANSAL OKUMA**	**4**
MIM0110	**AFET VE KONUT TASARIMI**	**4**
MIM0116	**PORTFOLYO HAZIRLAMA**	**4**
MIM0118	**MİMARLIK VE TOPLUM**	**4**
MIM0119	**KENT BİLEŞENLERİ VE MİMARİDE YENİ YAKLAŞIMLAR**	**4**
MIM0123	**MİMARLIKTA YALINLIK VE KARMAŞIKLIK**	**4**
MIM0124	**HERKES İÇİN TASARIM**	**4**
MIM0126	**MİMARİ PROJE YARIŞMALARINDA TASARIM VE SUNUM YAKLAŞIMLARI**	**4**
MIM0127	**MİMARLIK-İLİŞKİLER AGI-KENT**	**4**
MIM0128	**TÜRKİYE'DE KONUT ÜRETİM MODELLERİ**	**4**
MIM0130	**MAKETLE YARATICILIK**	**4**
MIM0132	**DEĞER-MİMARLIK-KENT**	**4**
MIM0134	**MİMARLIK-İNOVASYON-GİRİŞİM**	**4**
MIM0136	**MİMARLIKTA BİNA PROGRAMLAMA**	**4**
MIM0137	**MİMARLIKTA MEKANSAL ORGANİZASYON**	**4**
MIM0138	**KONUT TASARIMI VE ESNEKLİK**	**4**
MIM0139	**TASARIMDA YENİLİKÇİ VE GİRİŞİMCİ YAKLAŞIMLAR I**	**6**
MIM0140	**TASARIMDA YENİLİKÇİ VE GİRİŞİMCİ YAKLAŞIMLAR II**	**6**
MIM0141	**İÇ MEKAN TASARIMI**	**4**
MIM0142	**SİNEMA MODERNLİK VE MİMARLIK I**	**4**
MIM0143	**SİNEMA MODERNLİK VE MİMARLIK II**	**4**
MIM0144	**DÜNYA KENTLERİ VE MİMARLIK**	**4**
MIM0145	**MİMARİ PERSPEKTİF**	**4**
MIM0146	**MİMARLIKTA FORM VE GEOMETRİ**	**4**
MIM0147	**GÜNEŞ DEKATLONU**	**4**
MIM0148	**MEKANSAL AYRIŞMA**	**4**
MIM0149	**TASARIMDA ÖZEL KONULAR**	**4**
MIM0150	**MİMARLIKTA ANLATI**	**4**
MIM0151	**MİMARLIKTA ESKİZ**	**4**
MIM0152	**MODERNLEŞME VE MODERNİZM**	**4**
MIM0201	**PROJE YÖNETİMİ**	**4**
MIM0202	**DEPREME DAYANIKLI YAPI TASARIMI**	**4**
MIM0203	**YAPILARDA AKUSTİK SORUNLARI VE SES YALITIMLARI**	**4**
MIM0205	**GÜNCEL YAPI MALZEMELERİ**	**4**
MIM0206	**GÜNCEL YAPI TEKNOLOJİLERİ**	**4**
MIM0207	**YAPILARDA ISI SORUNLARI VE ISI YALITIMLARI**	**4**
MIM0209	**AHŞAP YAPIM SİSTEMLERİ**	**4**
MIM0210	**YAPIDA MALZEME SEÇİMİ**	**4**
MIM0213	**GELENEKSELYAPILARDA STRÜKTÜREL SİSTEM SORUNLARI**	**4**
MIM0215	**TASARIM EKONOMİSİ**	**4**
MIM0216	**YAPI ÜRETİMİ SÜRECİNDE KALİTE**	**4**
MIM0217	**TAŞIYICI YAPI MALZEMELERİ**	**4**
MIM0218	**PROJE YÖNETİM DÖNGÜSÜ**	**4**
MIM0219	**TASARIM YÖNETİMİ**	**4**
MIM0220	**TEORİ VE PRATİK**	**4**
MIM0221	**GÜNEŞ KONTROLÜ**	**4**
MIM0222	**KÜLTÜR VE SANAT MERKEZLERİNDE AYDINLATMA**	**4**
MIM0223	**ÖLÇME TEKNİKLERİ**	**4**
MIM0224	**MİMARLIK MESLEĞİ VE GİRİŞİMCİLİK**	**4**
MIM0303	**İSTANBUL'UN KENTSEL ve MİMARİ GELİŞİMİ**	**4**
MIM0304	**ORTAÇAĞDAN GÜNÜMÜZE KENTLER TARİHİ**	**4**
MIM0305	**TÜRKİYE'NİN MODERNLEŞMESİNDE KENT VE MİMARLIK**	**4**
MIM0307	**MİMAR SİNAN MİMARLIĞI**	**4**
MIM0308	**OSMANLI GELENEKSEL KONUT MİMARİSİ**	**4**
MIM0309	**İSTANBUL'UN KORUMA SORUNLARI**	**4**
MIM0310	**TÜRKİYE'DE VE DÜNYADA TARİHİ ÇEVRE KORUMA**	**4**
MIM0311	**TARİHİ ÇEVREDE YENİ TASARIM**	**4**
MIM0314	**SÜRDÜRÜLEBİLİRLİK VE MİMARİ MİRAS**	**4**
MIM0316	**İSTANBUL'UN KÜLTÜREL MİRASI**	**4**
MIM0318	**MODERNLEŞME VE YAPI TEKNOLOJİSİ TARİHİ**	**4**
MIM0319	**GÜNÜMÜZ MİMARİSİ VE ÜNLÜ MİMARLAR**	**4**
MIM0320	**İSTANBUL'DA SARAY MİMARİSİ VE KORUMA SORUNLARI**	**4**
MIM0321	**18. VE 19. YÜZYILDA OSMANLI MİMARLIĞINDA KÜLTÜREL ETKİLEŞİMLER**	**4**
MIM0408	**KENTSEL ÇALIŞMALAR**	**4**
MIM0409	**KENTSEL MORFOLOJİ**	**4**
MIM0410	**KENT BİÇİMİNİN ÇÖZÜMLENMESİ**	**4**
MIM0411	**KENTSEL MEKAN OKUMALARI**	**4**
MIM0412	**KENTSEL TASARIMDA ÇAĞDAŞ YAKLAŞIMLAR**	**4**
MIM0413	**KENTSEL DÖNÜŞÜM**	**4**
MIM0414	**KENTSEL MEKANIN EKONOMİ POLİTİĞİ**	**4**
MIM0415	**KONUT ESASLI YENİLEME**	**4**
MIM0501	**MİMARLIKTA SANAL GERÇEKLİK**	**4**
MIM0503	**İLERİ MODELLEME TEKNİKLERİ**	**5**
MIM0504	**YAPI BİLGİ MODELLEME**	**5**
MIM0505	**ALGORİTMA TASARIMI**	**4**
MIM0506	**MİMARLIKTA GÖRSEL İLETİŞİM**	**5**
MIM0507	**SİBERNETİK ÇAĞDA MİMARLIK**	**4**
MIM0620	**YAPIM TASARIMI**	**6**
MIM0621	**YAPIM TASARIMI**	**7**
MIM0630	**TARİHİ ÇEVRE KORUMA PROJESİ**	**5**
MIM0631	**TARİHİ ÇEVRE KORUMA PROJESİ**	**6**
MIM0640	**KENTSEL TASARIM PROJESİ**	**5**
MIM0641	**KENTSEL TASARIM PROJESİ**	**6**
MIM0701	**ARCHITECTURAL ENGLISH**	**4**
MIM0702	**ACADEMIC WRITING AND PRESENTATION**	**4**
MIM0801	**ÇALIŞTAY I**	**1**
MIM0802	**ÇALIŞTAY II**	**2**
MIM0803	**ÇALIŞTAY III**	**3**
İÇM0901	**İÇ MEKAN VE PEYZAJ**	**4**
İÇM0903	**ISITMA VE HAVALANDIRMA**	**4**
İÇM0904	**ÜRÜN TASARIMI**	**4**
İÇM0905	**MUTFAK VE BANYO TASARIMI**	**4**
İÇM0906	**GRAFİK TASARIMI**	**4**
İÇM0907	**ÇEVRESEL PSİKOLOJİ**	**4**
İÇM0908	**MEKAN ORGANİZASYONU**	**4**
İÇM0909	**ERGONOMİ**	**4**
İÇM0910	**SAHNE TASARIMI**	**4**
İÇM0911	**ENGELLİLER İÇİN TASARIM**	**4**
İÇM0912	**FORM DOKU RENK**	**4**
İÇM0913	**VİTRİN TASARIMI**	**4**
İÇM0914	**FUAR ALANLARI TASARIMI**	**4**
İÇM0915	**MODA TASARIMI**	**4**
İÇM0916	**GÖSTERGEBİLİM**	**4**
İÇM0917	**AFETLERDEN KORUNMA**	**4**
İÇM0918	**TEKNE VE YAT TASARIMI**	**4**
İÇM0919	**İÇMİMARLIKTA ÖZEL KONULAR**	**4**
İÇM0920	**İÇMİMARLIKTA RENK**	**4**
İÇM0921	**PROJE GELİŞTİRME VE FİZİBİLİTESİ**	**4**
İÇM0922	**ÇEVRE TOPOGRAFYASI**	**4**
İÇM0923	**ÇEVRESEL BİLİŞİM**	**4**
İÇM0924	**ELEŞTİREL DÜŞÜNCE**	**4**
İÇM0925	**MAKET YAPIMI**	**4**
İÇM0926	**ÇEVRE VE KÜLTÜR**	**4**
İÇM0927	**ÇEVRE TASARIMI**	**4**
İÇM0928	**BİLİM VE SANAT**	**4**
İÇM0929	**ÇEVRE VE İMAR HUKUKU**	**4**
İÇM0930	**YAŞLI VE ÇOCUKLAR İÇİN MEKAN TASARIMI**	**4**
İÇM0931	**DETAY TASARIMI**	**4**
İÇM0932	**KONSTRÜKSİYON**	**4**
İÇM0933	**MOBİLYA TARİHİ**	**4**
İÇM0934	**MOBİLYA TASARIMI**	**4**
İÇM0935	**20.YY MİMARLIĞI**	**4**
İÇM0936	**TEMEL TASARIM ve MEKAN**	**4**
İÇM0937	**YARATICI DÜŞÜNME ve TASARIM**	**4**
İÇM0938	**MAĞAZA TASARIMINDA GÜNCEL YAKLAŞIMLAR**	**4**
İÇM0939	**KONUT TASARIMINDA YAŞANABİLİRLİK**	**4**
İÇM0940	**İÇMİMARLIKTA PORTFOLYO TASARIMI**	**4**
İÇM0941	**RENK KULLANIMI VE SUNUM TEKNİKLERİ**	**4**
İÇM0942	**MEKAN-BEDEN ETKİLEŞİMİ**	**4**
İÇM0943	**İÇMİMARLIKTA SÜRDÜRÜLEBİLİR TASARIM**	**4**
İÇM0944	**KENTİN İÇ MEKANLARI**	**4**
İÇM0945	**ENERJİ ETKİN TASARIM YAKLAŞIMI**	**4**
İÇM0946	**BİYOMİMETİK TASARIM**	**4**
İÇM0947	**ATÖLYE ÇALIŞMASI I**	**4**
İÇM0948	**ATÖLYE ÇALIŞMASI II**	**4**
İÇM0949	**MİMARİ FOTOĞRAFÇILIK**	**4**
İÇM0950	**MİMARİ ANALİZLER**	**4**
İÇM0951	**SERGİ VE SERGİ MEKANLARI TASARIMI**	**4**
İÇM0952	**İÇ MEKAN TASARIMINDA KURUMSAL KİMLİK VE MARKALAŞTIRMA**	**4**
İÇM0953	**İÇ MEKAN VE MOBİLYA**	**4**
İÇM0954	**MİMARİ CANLANDIRMA TEKNİKLERİ**	**4**
İÇM0955	**İÇ MİMARLIKTA PERSPEKTİF**	**4**
İÇM0956	**İÇ MEKANDA İLERİ SUNUM TEKNİKLERİ**	**4**
İÇM0957	**UYGULAMA ATÖLYESİ**	**4**
İÇM0958	**İÇ MİMARLIKTA GİRİŞİMCİLİK**	**4**
İÇM0959	**KONUT TASARIMI VE ÜRETİMİ**	**4**
İÇM0960	**BARINMA KÜLTÜRÜ VE TARİHİ**	**4**
İÇM0961	**TASARIM KÜLTÜRÜ**	**4**

EŞDEĞER DERSLER (SA) SEÇİMLİK DERSLER

DERS KODU	DERS ADI	AKTS

ÇİFT ANADALINDA ALACAĞI (SA) SEÇİMLİK DERSLER

DERS KODU	DERS ADI	AKTS
E0005	**Introduction to Fuzzy Modelling**	**5**
E0006	**Data Structures and Programming**	**5**
E0104	**Introduction to Data Mining**	**6**
E0204	**Case Studies in Mathematical Modelling**	**6**
E0205	**Introduction to Decision Analysis**	**6**
E0301	**Systems Analysis**	**5**
E0302	**Enterprise Resource Planning**	**5**
E0303	**Management Information Systems**	**5**
E0307	**Technology Management**	**5**
E0402	**Ergonomics**	**6**
E0407	**Work Study**	**6**
E0408	**Scheduling Applications in Manufacturing and Ser**	**6**
E0409	**Project Management**	**6**
E0410	**Quality Planning and Analysis**	**5**
E0504	**Strategic Management**	**5**
E0505	**Marketing Management**	**5**
E0506	**Introduction to Business Management**	**4**
E0507	**Organizational Behaviour and Human Resources**	**4**
E0508	**Labor Law**	**4**
E0604	**Computer Integrated Manufacturing Systems**	**5**
E0605	**Advanced Manufacturing Systems**	**6**
E0606	**Manufacturing Techniques**	**5**
E0607	**Industrial Applications of Nanotechnology**	**6**
E0608	**Introduction to Renewable Energy**	**6**
E0609	**Introduction to Energy Management**	**5**
E0701	**Academic Writing and Presentation Skills**	**5**
E0901	**Special Topics in Industrial Engineering**	**2**
E0411	**Logistics Systems**	**6**
E0902	**Case Studies in Industrial Engineering**	**3**
E0007	**Advanced Excel Applications**	**5**
E0412	**Advanced Project Management**	**6**
E0304	**Human Computer Interaction and User Experience**	**6**
E0305	**Business Simulation**	**6**
E0306	**Database Management Systems**	**6**
E0413	**Service Management**	**6**
E0509	**Managerial Skills for Industrial Engineers**	**5**
E0510	**Entrepreneurship for Industrial Engineers**	**4**
E0414	**Lean Management Principles and Practice**	**6**
E0511	**Case Studies in Managerial Finance**	**5**
CSE0406	**Mobile Programming**	**6**
CSE0440	**Artificial Intelligence**	**6**
CSE0448	**Big Data Analytics**	**6**
E0008	**Cryptocurrency and Blockchain**	**5**
E0105	**Pricing and Revenue Management**	**5**
E0206	**System Dynamics**	**6**
E0308	**Applied Business Process Management**	**5**
E0106	**Forecasting Methods and Applications**	**5**
E0107	**Applied Machine Learning**	**5**
E0702	**Business English Practice**	**4**
CSE0449	**Internet of Things**	**6**
CSE0496	**Graph Theory and Social Networking**	**6**
CSE0457	**Web Mining**	**6**
E0309	**IT Service Management**	**5**
MTH0001	**Introduction to Process Mining**	**4**
MTH0002	**Digital Transformation and Industry 4.0**	**4**
E0415	**Sustainability Management**	**5**

MİMARLIK BÖLÜMÜ (TÜRKÇE) MEZUNİYET İÇİN ALINMASI GEREKEN SA DERSLERİ

DERS KODU	DERS ADI	AKTS
MIM0620 *1	**YAPIM TASARIMI**	**6**
MIM0630	**TARİHİ CEVRE KORUMA PROJESİ**	**5**
MIM0640	**KENTSEL TASARIM PROJESİ**	**5**

DİKKAT: ÇAP öğrencisinin ikinci anadal ders planından alması gereken derslerin AKTS toplamı en az 60 olmalıdır.

Kurallar: 1) Endüstri Mühendisliği Bölümü Önkoşullu Dersler için öğrencinin önkoşul olan dersi almış ve en az D- başarı notu ile tamamlamış olması gerekir.

DERS KODU	DERS ADI	ÖNKOŞUL DERS KODU	ÖNKOŞUL DERS ADI
IE3101	Introduction to Probability	MCB1002	Calculus II
IE3003	Object Oriented Programming	IE2002	Introduction to Programming
IE4004	Numerical Analysis for Industrial Engineers	MCB1002 IE2002	Calculus II Introduction to Programming
IE4102	Statistics for Engineers	IE3101	Introduction to Probability
IE5202	Operations Research II	IE3101	Introduction to Probability
IE6103	Design of Experiments	IE4102	Statistics for Engineers
IE6404	Production Planning and Control	IE4201	Operations Research I
IE7203	Simulation Modelling	IE4102	Statistics for Engineers
IE7405	Supply Chain Management	IE6404	Production Planning and Control
IE7803	Industrial Training II	IE6404	Production Planning and Control
IE8406	Quality Engineering	IE4102	Statistics for Engineers
IE0302	Enterprise Resource Planning	IE6404	Production Planning and Control
IE0605	Advanced Manufacturing Systems	IE4201	Operations Research I
IE0104	Introduction to Data Mining	IE3101	Introduction to Probability
IE0006	Data Structures and Programming	IE2002	Introduction to Programming
IE0205	Introduction to Decision Analysis	IE3101	Introduction to Probability
IE0412	Advanced Project Management	IE0409	Project Management
IE0414	Lean Management Principles and Practice	IE4102	Statistics for Engineers
IE0511	Case Studies in Managerial Finance	IE3502	Financial and Cost Accounting
IE0106	Forecasting Methods and Applications	IE3101	Introduction to Probability
IE0107	Applied Machine Learning for Engineering and Design	IE3101	Introduction to Probability
IE0308	Applied Business Process Management	IE3101	Introduction to Probability