

**MÜHENDİSLİK FAKÜLTESİ İNGİLİZCE OKUTULAN DERSLER
DERS PLANI**

BİRİNCİ YIL

I.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
YDB 151	Technical English 1*	3	0	3	3
MAT 151	Calculus 1	4	0	4	6
FZK 153	Physics 1	3	0	3	3
FZK 155	Physics Laboratory 1	0	2	1	2
KMY 151	General Chemistry *	3	0	3	3
KMY 153	General Chemistry Laboratory *	0	2	1	2
INF 101	Basic Information Technologies*	2	0	0	3
END 151	Introduction to Industrial Engineering	3	0	3	6
YDB 151	Technical English I	3	0	3	3
KMY 151	General Chemistry	3	0	3	3
KMY 153	General Chemistry Lab I	0	2	1	2
INF 101	Basic Information Technologies*	2	0	0	3
Toplam Kredi					25 39

II.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
YDB 152	Technical English 2*	3	0	3	3
MAT 152	Calculus 2	4	0	4	6
FZK 154	Physics 2	3	0	3	3
FZK 156	Physics Laboratory 2	0	2	1	2
PLM 154	Fundamentals of Materials Science	2	0	2	4
END 152	Introduction to Manufacturing	3	0	3	4
YDB 152	Technical English 2*	3	0	3	3
Toplam Kredi					19 25

İKİNCİ YIL

III.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
END 251	Introduction to Systems Analysis	3	0	3	5
KSM 251	Material Science I	3	0	3	3
MAT 251	Diferantial Equations	4	0	4	5
MAT 252	Numerical Analysis	3	0	3	4
Toplam Kredi					13 17

IV.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
AKM 252	Fluid Mechanics	2	2	3	4
END 252	Theory of Probability	4	0	4	6
END 254	Ergonomics	3	0	3	5
KSM 252	Material Science II	3	0	3	3
KSM 254	Physical Chemistry for Process Engineering	3	0	3	3
KSM 256	Physical Chemistry Lab. for Process Engineering	0	2	1	2
KSM ***	Basic Engineering Elective Course II	3	0	3	5
Toplam Kredi					27 38

ÜÇÜNCÜ YIL

V.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
PLM 305	Test Methods for Polymers 1*	2	2	3	5
IKT 351	Heat and Mass Transfer*	3	2	4	6
PLM ***	Basic Professional Elective Course 3*	3	0	3	6
END 355	Operations Research 1	3	0	3	5
END 353	Work Study	3	0	3	5
KSM 351	Statistics and Probability	3	0	3	4
KSM ***	Technical Elective Course I	3	0	3	5
Toplam Kredi					22 36

VI.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
PLM 306	Test Methods for Polymers 2*	2	2	3	5
PLM ***	Basic Professional Elective Course 4*	3	0	3	6
END 352	Engineering Economics	3	0	3	4
END 354	Operations Research 2	3	0	3	5
END 360	Quality Planning and Control	3	0	3	5
KSM 352	Characterization of Materials	3	0	3	5
KSM 354	Corrosion and Prevention of Corrosion	3	0	3	5
Toplam Kredi					21 35

DÖRDÜNCÜ YIL

VII.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
END 451	Industrial Engineering Project	3	0	3	6
KSM 451	Process Design	4	0	4	5
KSM ***	Technical Elective Course V	3	0	3	5
Toplam Kredi					10 16

VIII.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
END 492	Graduation Thesis	0	4	2	6
KSM 452	Process Control	2	0	2	2
KSM 454	Process SimulationTechniques	2	2	3	3
KSM ***	Technical Elective Course VII	3	0	3	5
Toplam Kredi					10 16

	Kimya ve Süreç Mühendisliği
	Endüstri Mühendisliği
	Polimer Mühendisliği

* Fakülte Ortak Dersleri

MÜHENDİSLİK FAKÜLTESİ İNGİLİZCE OKUTULAN DERSLER
DERS PLANI

SEÇMELİ DERSLER

BİRİNCİ YIL

I.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS

II.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS

İKİNCİ YIL

III.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS

IV.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
MAT 256	Linear Algebra	4	0	4	5
KSM 258	Food Technology	3	0	3	5
KSM 272	Instrumental Analysis	3	0	3	5

ÜÇÜNCÜ YIL

V.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
PLM 361	Mechanical Properties of Polymers*	3	0	3	6
PLM 363	Polymer Degradation and Stability*	3	0	3	6
PLM 365	Polymeric Biomaterials*	3	0	3	6
PLM 367	Computer Applications in Polymer Chemistry*	3	0	3	6
KSM 353	Textile Finishing Materials	3	0	3	5
KSM 355	Advanced Materials Production Technics	3	0	3	5

VI.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
PLM 362	Photopolymerization and Applications*	3	0	3	6
PLM 364	Functional Polymers*	3	0	3	6
PLM 366	Electrical Properties of Polymers*	3	0	3	6
PLM 396	Polymeric Coatings	3	0	3	6
END 356	Risk Management	3	0	3	5
END 358	Advanced Computer Programming	3	0	3	5
KSM 352	Characterization of Materials	3	0	3	5

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VII.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
END 459	Decision Analysis	3	0	3	5
END 461	Maintenance Management	3	0	3	5
END 463	Strategic Management	3	0	3	5
KSM 453	Waste Management and Environmental Safety	3	0	3	5
KSM 455	Pharmaceutical Production Technology	3	0	3	5

VIII.Yarıyıl

Kodu	Dersin Adı	T	U	K	AKTS
KSM 456	Nondistructive Tests	3	0	3	5
KSM 458	Paper Production Technology	3	0	3	5

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