

ÇİFT ANADAL BİYOMÜHENDİSLİK BÖLÜMÜ**Kimya Mühendisliği ANADAL MÜFREDATI 2021 - 2022**

Ders Kodu	Dersin Adı	Saat/Hafta				Kredisi	AKTS Kredisi	Ortak Ders
		Kuramsal	Uygulama	Pratik/ Laboratuvar	Toplam			
Yıl 1 / Yarıyıl 1								
503001012006	CALCULUS-I	4	1		5	4.5	6	X
503001052006	CHEMISTRY-I	2	2		4	3	4	X
503001072010	COMPUTER (BASIC SKILLS IN COMPUTER)	0	3		3	3	5	X
503001152006	ENGINEERING MECHANICS	3	1		4	3.5	5	X
503001172006	STRATEGIES IN PROBLEM SOLVING	2	1		3	2.5	4	X
503001192006	PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY-I	2	0		2	2	2	X
503001212006	TURKISH LANGUAGE-I	2	0		2	2	2	X
503001232020	CAREER PLANNING	1	0		1	1	2	X
TOPLAM		16	8		24	21.5	30	
Yıl 1 / Yarıyıl 2								
503001022006	CALCULUS-II	4	1		5	4.5	5	X
503001042006	PHYSICS	3	1		4	3.5	4	X
503001062006	CHEMISTRY-II	2	2		4	3	3	X
503001092011	ORIENTATION TO CHEMICAL ENGINEERING	2	0		2	2	3	Alacak
503001122002	COMPUTER PROGRAMMING	2	2		4	3	4	Alacak
503001142006	CHEMISTRY LABORATORY	0	2		2	2	3	X
503001162006	TECHNICAL COMMUNICATION	2	1		3	2.5	4	X
503001182006	PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY-II	2	0		2	2	2	X
503001202006	TURKISH LANGUAGE-II	2	0		2	2	2	X
TOPLAM		19	9		28.0	24.5	30	

Yıl 2 / Yarıyıl 1								
503002012007	DIFFERENTIAL EQUATIONS	3	1		4	3.5	5	X
503002092007	CHEMICAL PROCESS CALCULATIONS	4	1		5	4.5	6	Alacak
503002111994	ORGANIC CHEMISTRY	3	0		3	3	3	X
503002131994	PRACTICAL TRAINING-I	0	0		0	0	3	X
503002152007	MOLECULAR TRANSPORT	2	0		2	2	4	Alacak
503002192007	THERMODYNAMICS	3	1		4	3.5	5	X
503002212007	ENGINEERING GRAPHICS	0	2		2	2	4	Alacak
TOPLAM		15	5		20	18.5	30	
Yıl 2 / Yarıyıl 2								
10520301E11222	COMMUNITY SERVICE ACTIVITIES	1	0		1	1	1	X
503002022007	NUMERICAL ANALYSIS	3	1		4	3.5	5	Alacak
503002102007	FLUID MECHANICS	4	1		5	4.5	6	X
503002131994	PRACTICAL TRAINING-I	0	0		0	0	3	X
503002142007	PHYSICAL CHEMISTRY	2	1		3	2.5	4	X
503002162008	CHEMICAL ENGINEERING THERMODYNAMICS	2	1		3	2.5	5	Alacak
503002182007	MATERIALS SCIENCE	2	0		2	2	3	Alacak
503002202007	CONCEPTUAL DESIGN-I	1	0		1	1	3	Alacak
TOPLAM		15	4		19	17	30	
Yıl 3 / Yarıyıl 1								
503003012008	HEAT TRANSFER PROCESSES	4	1		5	4.5	5	X
503003032008	MASS TRANSFER PROCESSES	4	1		5	4.5	5	X
503003071994	INSTRUMENTAL ANALYSIS	1	0	2	3	2	3	Alacak
503003111994	ECONOMICS	2	0		2	2	2	X
503003231994	PRACTICAL TRAINING-II	0	0		0	0	3	X
503003452008	REACTION ENGINEERING-I	2	1		3	2.5	4	Alacak
503003592015	OCCUPATIONAL HEALTH AND SAFETY I	2	0		2	2	2	X
	RESTRICTED ELECTIVE-I	2	0		2	2	3	X
	University Elective Course -I	2	0		2	2	3	X
TOPLAM		19	3	2	24	21.5	30	

Yıl 3 / Yarıyıl 2								
503003022008	SIMULTANEOUS HEAT AND MASS TRANSFER PROCESSES	2	1		3	2.5	3	Alacak
503003042008	CHEMICAL ENGINEERING ECONOMICS	2	1		3	2.5	3	Alacak
503003062015	OCCUPATIONAL HEALTH AND SAFETY II	2	0		2	2	2	X
503003102008	CHEMICAL ENGINEERING LABORATORY-I	1	4		5	3	7	M
503003231994	PRACTICAL TRAINING-II	0	0		0	0	3	X
503003842008	REACTION ENGINEERING-II	3	1		4	3.5	4	Alacak
503003862008	CONCEPTUAL DESIGN-II	1	0		1	1	2	Alacak
	ENGINEERING ELECTIVE-I	2	0		2	2	3	X
	University Elective Course -II	2	0		2	2	3	X
TOPLAM		15	7		22	18.5	30	
Yıl 4 / Yarıyıl 1								
503004002018	DIPLOMA PROJECT	0	4		4	4	7	X
503008012020	CHEMICAL ENGINEERING DESIGN - I (*)	3	1		4	2.5	8	Alacak
503004032009	CHEMICAL ENGINEERING LABORATORY-II	1	4		5	3	7	X
503004051994	INORGANIC TECHNOLOGY	2	0		2	2	2	Alacak
503004072020	MODELLING, SIMULATION and OPTİMIZATION	2	1		3	2.5	3	Alacak
503008472010	DIPLOMA PROJECT	0	8		8	8	14	X
	ENGINEERING ELECTIVE-II	2	0		2	2	3	X
TOPLAM		10	10(14)		20(24)	17(21)	30	
Yıl 4 / Yarıyıl 2								
503004002018	DIPLOMA PROJECT	0	4		4	4	7	X
503008182020	CHEMICAL ENGINEERING DESIGN - II (*)	3	1		4	2.5	8	Alacak
503004022009	PROCESS CONTROL	3	1		4	3.5	5	Alacak
503004041994	ORGANIC TECHNOLOGY	3	0		3	3	4	Alacak
503008002010	DIPLOMA PROJECT	0	8		8	8	14	X
	ENGINEERING ELECTIVE-III	2	0		2	2	3	X
	RESTRICTED ELECTIVE-II	2	0		2	2	3	X
TOPLAM		13	6(10)		19(23)	18(22)	30	

(*) Ön Koşullu Ders: Chemical Engineering Design II dersinin ön koşullu Chemical Engineering Design I

Ortak olarak kabul edilen dersler olduklarından (X) işareti ile gösterilmiştir.