

| ÇİFT ANADAL MAKİNA MÜHENDİSLİĞİ 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 | Alacak |
| 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 | Alacak |
| 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 | Alacak |
| 503001162006 | TECHNICAL COMMUNICATION | 2 | 1 | | 3 | 2.5 | 4 | Alacak |
| 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 | X |
| 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 | X |
| 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 | X |
| 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 | Alacak |
| 503002162008 | CHEMICAL ENGINEERING THERMODYNAMICS | 2 | 1 | | 3 | 2.5 | 5 | Alacak |
| 503002182007 | MATERIALS SCIENCE | 2 | 0 | | 2 | 2 | 3 | X |
| 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 | Alacak |
| 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 | Alacak |
| 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 | | | | | | | | |
| 503004002009 | 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 | Alacak |
| 503004051994 | INORGANIC TECHNOLOGY | 2 | 0 | | 2 | 2 | 2 | Alacak |
| 503004072020 | MODELLING, SIMULATION AND OPTIMIZATION | 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 | | | | | | | | |
| 503004002009 | 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 | X |
| 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.