

BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ İNGİLİZCE PROGRAMINDA ÇAP YAPACAK MİMARLIK BÖLÜMÜ İNGİLİZCE PROGRAMI ÖĞRENCİLERİ İÇİN DERS PLANI

| BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ İNGİLİZCE PROGRAMI DERS PLANI | | | MİMARLIK BÖLÜMÜ TÜRKÇE PROGRAMI DERS PLANINDAKİ EŞDEĞER DERSLER | | | ÇAP ÖĞRENCİSİNİN BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ İNGİLİZCE PROGRAMI DERS PLANINDAN ALMAK ZORUNDA OLDUĞU DERSLER | | |
|---|---|------------|---|---|-----------|--|--|------------|
| 1. YARIYIL | | | 1. YARIYIL | | | 1. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| CSE1001 | Programming I | 8 | | | | CSE1001 | Programming I | 8 |
| CSE1003 | Introduction to Computer Engineering | 5 | | | | CSE1003 | Introduction to Computer Engineering | 5 |
| MCB1001 | Calculus I | 5 | MBT1003 | MATHEMATICS | 3 | | | |
| PHY1001 | Physics I | 5 | | | | | | |
| ATA1001 | Principles of Ataturk and History of Reforms I | 2 | ATA1001 | Principles of Ataturk and History of Reforms I | 2 | | | |
| TR1001 | Turkish I | 2 | TR1001 | Turkish I | 2 | | | |
| YDI1001 | Foreign Language I | 3 | YDI1001 | Foreign Language I | 3 | | | |
| 2. YARIYIL | | | 2. YARIYIL | | | 2. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| CSE2002 | Programming II | 8 | | | | CSE2002 | Programming II | 8 |
| CSE0191 | Chemistry | 5 | | | | CSE0191 | Chemistry | 5 |
| MCB1002 | Calculus II | 5 | | | | MCB1002 | Calculus II | 5 |
| PHY2001 | Physics II | 5 | | | | PHY2001 | Physics II | 5 |
| ATA2001 | Principles of Ataturk and History of Reforms II | 2 | ATA2001 | Principles of Ataturk and History of Reforms II | 2 | | | |
| TR2001 | Turkish II | 2 | TR2001 | Turkish II | 2 | | | |
| YDI2001 | Foreign Language II | 3 | YDI2001 | Foreign Language II | 3 | | | |
| 3. YARIYIL | | | 3. YARIYIL | | | 3. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| CSE3003 | Object Oriented Programming | 8 | | | | CSE3003 | Object Oriented Programming | 8 |
| CSE3021 | Digital Design I | 6 | | | | CSE3021 | Digital Design I | 6 |
| MCB1004 | Linear Algebra | 5 | | | | MCB1004 | Linear Algebra | 5 |
| CSE3013 | Discrete Structures | 6 | | | | CSE3013 | Discrete Structures | 5 |
| CSE3209 | Academic Writing (English) | 3 | ARC0702 | ACADEMIC WRITING AND PRESENTATION | 3 | | | |
| | Non-Technical Elective | 2 | | Non-Technical Elective | 2 | | | |
| 4. YARIYIL | | | 4. YARIYIL | | | 4. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| CSE4014 | Data Structures and Algorithms I | 8 | | | | CSE4014 | Data Structures and Algorithms I | 8 |
| CSE4061 | System Analysis and HCI Design | 5 | | | | CSE4061 | System Analysis and HCI Design | 5 |
| CSE4050 | Signals & Systems for Computer Engineers | 5 | | | | CSE4050 | Signals & Systems for Computer Engineers | 5 |
| CSE4023 | Computer Organization | 5 | | | | CSE4023 | Computer Organization | 5 |
| CSE4024 | Microprocessors | 5 | | | | CSE4024 | Microprocessors | 5 |
| | Non-Technical Elective | 2 | | Non-Technical Elective | 2 | | | |
| 5. YARIYIL | | | 5. YARIYIL | | | 5. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| CSE5031 | Operating Systems | 5 | | | | CSE5031 | Operating Systems | 5 |
| CSE5041 | Database Design and Development | 6 | | | | CSE5041 | Database Design and Development | 6 |
| | Technical Elective* | 6 | | | | | Technical Elective* | 6 |
| MCB1007 | Introduction to Probability and Statistics | 5 | | | | MCB5001 | Introduction to Probability and Statistics | 5 |
| CSE5050 | Web Programming | 6 | | | | CSE5050 | Web Programming | 6 |
| CSE5094 | Internship I | 2 | | | | CSE5094 | Internship I | 2 |
| 6. YARIYIL | | | 6. YARIYIL | | | 6. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| | Technical Electives* | 12 | | | | | Technical Electives* | 12 |
| CSE6032 | Computer Networks | 7 | | | | CSE6032 | Computer Networks | 7 |
| CSE6064 | Software Engineering | 6 | | | | CSE6064 | Software Engineering | 6 |
| MCB1008 | Numerical Methods | 5 | | | | MCB6001 | Numerical Methods | 5 |
| 7. YARIYIL | | | 7. YARIYIL | | | 7. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| | Technical Electives* | 24 | | | | | Technical Electives* | 24 |
| CSE7311 | Presentation Skills (English) | 2 | ARC2010 | COMPUTER AIDED PRESENTATION SKILLS | 3 | | | |
| CSE7098 | Engineering Economics | 2 | ARC6025 | ARCHITECTURAL ECONOMICS | 2 | | | |
| CSE7095 | Internship II | 2 | | | | CSE7095 | Internship II | 2 |
| 8. YARIYIL | | | 8. YARIYIL | | | 8. YARIYIL | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS |
| CSE8090 | Graduate Project | 12 | | | | CSE8090 | Graduate Project | 12 |
| | Technical Electives* | 18 | | | | | Technical Electives* | 18 |
| TOPLAM | | 240 | TOPLAM | | 29 | TOPLAM | | 204 |
| SEÇİMLİK ALAN DERSLERİ (SA) | | | EŞDEĞER SEÇİMLİK ALAN DERSLERİ | | | DİKKAT: ÇAP öğrencisinin ikinci anadal ders planından alması gereken derslerin AKTS toplamı en az 60 olmalıdır. | | |
| DERS KODU | DERS ADI | AKTS | DERS KODU | DERS ADI | AKTS | | | |
| CSE0403 | Graphical User Interface Design and Development | 6 | | | | | | |
| CSE0404 | Game Programming | 6 | | | | | | |
| CSE0405 | Programming Languages | 6 | | | | | | |
| CSE0406 | Mobile Programming | 6 | | | | | | |
| CSE0415 | Data Structures and Algorithms II | 6 | | | | | | |
| CSE0416 | Analysis of Algorithms | 6 | | | | | | |
| CSE0420 | Embedded Systems | 6 | | | | | | |
| CSE0421 | Cryptography | 6 | | | | | | |
| CSE0422 | Digital Design II | 6 | | | | | | |
| CSE0425 | Parallel and Distributed Programming | 6 | | | | | | |
| CSE0426 | Robotics | 6 | | | | | | |
| CSE0427 | Computer Architecture | 6 | | | | | | |
| CSE0433 | Mobile and Wireless Networks | 6 | | | | | | |
| CSE0434 | Network Security | 6 | | | | | | |
| CSE0435 | Control Theory | 6 | | | | | | |
| CSE0440 | Artificial Intelligence | 6 | | | | | | |
| CSE0442 | Data Warehouses and Data Mining | 6 | | | | | | |
| CSE0443 | Machine Learning | 6 | | | | | | |
| CSE0444 | IT Project Management | 6 | ARC0201 | PROJECT MANAGEMENT | 3 | | | |
| CSE0451 | Image Processing | 6 | | | | | | |
| CSE0452 | Computer Graphics | 6 | | | | | | |
| CSE0453 | Multimedia Compression and Processing | 6 | | | | | | |
| CSE0462 | Software Development with Standards | 6 | | | | | | |
| CSE0463 | Software Quality & Testing | 6 | | | | | | |
| CSE0495 | Engineering Ethics & Law | 6 | | | | | | |
| CSE0496 | Graph Theory & Social Networking | 6 | | | | | | |
| CSE0497 | Service Science Management & Engineering | 6 | | | | | | |
| CSE0499 | Special Topics in Computer Engineering | 6 | | | | | | |
| EE3202 | Logic Design | 6 | | | | | | |
| EE4401 | Introduction to Telecommunications | 6 | | | | | | |
| MCB1005 | Differential Equations | 5 | | | | | | |
| MCB1003 | Calculus III | 5 | | | | | | |
| IE4201 | Operations Research I | 7 | | | | | | |
| IE0607 | Industrial Applications of Nanotechnology | 4 | | | | | | |
| IE0608 | Introduction to Renewable Energy | 4 | | | | | | |
| IE7203 | Simulation and Modeling | 6 | | | | | | |
| TOPLAM | | 3 | TOPLAM | | 3 | | | |
| Öğretim dili Türkçe olan programlardan Bilgisayar Mühendisliği Bölümü İngilizce Programına çift anadal başvurusu için öğrencilerden en az 75 TOEFL ya da 6 IELTS ya da 80 YDS (KPDS-ÜDS) puanı alınması istenilecektir. | | | | | | | | |