

| 1. Yıl Güz Dönemi | | | | | | 1. Yıl Bahar Dönemi | | | | | |
|-------------------|---|-----------|---|---|---|---------------------|--|-----------|---|---|---|
| Kod | Ders | ECTS | T | U | L | Kod | Ders | ECTS | T | U | L |
| ENG 151 | Science and Technology | 2 | 2 | 0 | 0 | ENG 152 | Culture of Science and Computation | 2 | 2 | 0 | 0 |
| CSE 101 | Introduction to Computer Engineering | 8 | 3 | 1 | 0 | CSE 102 | Computer Programming | 8 | 4 | 1 | 0 |
| CSE 107 | Introduction to Computer Engineering Lab | 2 | 0 | 0 | 2 | CSE 108 | Computer Programming Lab | 2 | 0 | 0 | 2 |
| MATH 101 | Calculus I | 7 | 4 | 2 | 0 | MATH 102 | Calculus II | 7 | 4 | 2 | 0 |
| PHYS 121 | Physics I | 6 | 4 | 0 | 0 | PHYS 122 | Physics II | 6 | 4 | 0 | 0 |
| PHYS 151 | Physics Lab I | 1 | 0 | 0 | 2 | PHYS 152 | Physics Lab II | 1 | 0 | 0 | 2 |
| STB 101 | Principles of Ataturk and History of Turkish Revolution I | 2 | 2 | 0 | 0 | STB 102 | Principles of Ataturk and History of Turkish Revolution II | 2 | 2 | 0 | 0 |
| TUR 101 | Turkish I | 2 | 2 | 0 | 0 | TUR 102 | Turkish II | 2 | 2 | 0 | 0 |
| | Dönem Toplamı | 30 | | | | | Dönem Toplamı | 30 | | | |
| 2. Yıl Güz Dönemi | | | | | | 2. Yıl Bahar Dönemi | | | | | |
| Kod | Ders | ECTS | T | U | L | Kod | Ders | ECTS | T | U | L |
| CSE 241 | Object Oriented Programming | 9 | 4 | 2 | 0 | CSE 222 | Data Structures and Algorithms | 9 | 4 | 2 | 0 |
| CSE 211 | Discrete Mathematics | 6 | 3 | 0 | 0 | MATH 217 | Linear Algebra and Differential Equations | 8 | 4 | 2 | 0 |
| CSE 231 | Circuits and Electronics | 8 | 4 | 0 | 0 | CSE 232 | Logic Circuits and Design | 6 | 3 | 0 | 0 |
| CSE 233 | Circuits and Electronics Lab | 2 | 0 | 0 | 2 | CSE 234 | Logic Circuits and Design Lab | 2 | 0 | 0 | 2 |
| | Nontechnical Elective I | 3 | 2 | 0 | 0 | | Nontechnical Elective II | 3 | 2 | 0 | 0 |
| ENGL 111 | Business English | 2 | 2 | 0 | 0 | ENGL 112 | Academic English | 2 | 2 | 0 | 0 |
| | Dönem Toplamı | 30 | | | | | Dönem Toplamı | 30 | | | |
| 3. Yıl Güz Dönemi | | | | | | 3. Yıl Bahar Dönemi | | | | | |
| Kod | Ders | ECTS | T | U | L | Kod | Ders | ECTS | T | U | L |
| CSE 343 | Software Engineering | 8 | 3 | 2 | 0 | CSE 396 | Computer Engineering Project | 5 | 1 | 2 | 0 |
| CSE 341 | Programming Languages | 6 | 3 | 0 | 0 | CSE 312 | Operating Systems | 6 | 3 | 0 | 0 |
| CSE 331 | Computer Organizaiton | 7 | 3 | 2 | 0 | MAT 118 | Probability and Statistics | 6 | 3 | 0 | 0 |
| CSE 321 | Introduction to Algorithm Design | 6 | 3 | 0 | 0 | CSE 344 | Systems Programming | 3 | 1 | 2 | 0 |
| | Nontechnical Elective III | 3 | 2 | 0 | 0 | CSE 351 | Signals and Systems | 6 | 3 | 0 | 0 |
| ENG 300 | Summer Practice I | 1 | 0 | 1 | 0 | | Nontechnical Elective IV | 3 | 2 | 0 | 0 |
| | Dönem Toplamı | 31 | | | | | Dönem Toplamı | 29 | | | |

| 4. Yıl Güz Dönemi | | | | | | 4. Yıl Bahar Dönemi | | | | | |
|-------------------|----------------------------------|-----------|---|---|---|---------------------|-----------------------------------|-----------|---|---|---|
| Kod | Ders | ECTS | T | U | L | Kod | Ders | ECTS | T | U | L |
| CSE 495 | Graduation Project I | 6 | 0 | 2 | 0 | CSE 496 | Graduation Project II | 6 | 0 | 2 | 0 |
| CSE 4XX | Departmental Elective I | 6 | 3 | 0 | 0 | CSE 4XX | Departmental Elective II | 6 | 3 | 0 | 0 |
| CSE 4XX | Departmental Elective III | 6 | 3 | 0 | 0 | CSE 4XX | Departmental Elective IV | 6 | 3 | 0 | 0 |
| CSE 4XX | Departmental Elective V | 6 | 3 | 0 | 0 | CSE 4XX | Departmental Elective VI | 6 | 3 | 0 | 0 |
| ENG 401 | Occupational Health and Safety I | 1 | 1 | 0 | 0 | ENG 402 | Occupational Health and Safety II | 1 | 1 | 0 | 0 |
| | Nontechnical Elective V | 3 | 2 | 0 | 0 | | Nontechnical Elective VI | 3 | 2 | 0 | 0 |
| ENG 400 | Summer Practice II | 1 | 0 | 1 | 0 | | Nontechnical Elective VII | 3 | 2 | 0 | 0 |
| | Dönem Toplamı | 29 | | | | | Dönem Toplamı | 31 | | | |

| Seçmeli ders Grupları | | | | | | |
|---|-----------|---|---|---|---|------|
| | Ders kodu | Ders Adı | T | U | L | ECTS |
| Departmental Elective V Departmental Elective VI Departmental Elective I Departmental Elective II Departmental Elective III Departmental Elective IV | CSE 434 | Microprocessors | 3 | 0 | 0 | 6 |
| | CSE 414 | Databases | 3 | 0 | 0 | 6 |
| | CSE 472 | Computer Networks | 3 | 0 | 0 | 6 |
| | CSE 433 | Embedded Systems | 3 | 0 | 0 | 6 |
| | CSE 437 | Real Time System Architectures | 3 | 0 | 0 | 6 |
| | CSE 443 | Object Oriented Analysis and Design | 3 | 0 | 0 | 6 |
| | CSE 444 | Software Engineering II | 3 | 0 | 0 | 6 |
| | CSE 470 | Cryptography and Computer Security | 3 | 0 | 0 | 6 |
| | CSE 473 | Networks and Data Security | 3 | 0 | 0 | 6 |
| | CSE 415 | Management of Information Systems | 3 | 0 | 0 | 6 |
| | CSE 421 | Analysis of Algorithms | 3 | 0 | 0 | 6 |
| | CSE 422 | Theory of Computation | 3 | 0 | 0 | 6 |
| | CSE 423 | Theory of Formal Languages and Automata | 3 | 0 | 0 | 6 |
| | CSE 424 | Optimizasyon Optimization | 3 | 0 | 0 | 6 |
| | CSE 425 | Introduction to Operations Research | 3 | 0 | 0 | 6 |
| | CSE 432 | Computer Architecture | 3 | 0 | 0 | 6 |
| | CSE 433 | Embedded Systems | 3 | 0 | 0 | 6 |
| | CSE 435 | Paralel ve Dağıtık Sistemler Paralled and Distributed Systems | 3 | 0 | 0 | 6 |

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|--|---------|---|---|---|---|---|
| | CSE 436 | Sayısal Tümeleşik Devrelere Giriş Introduction to Deigital Integrated Circuits | 3 | 0 | 0 | 6 |
| | CSE 437 | Real Time System Architectures | 3 | 0 | 0 | 6 |
| | CSE 443 | Object Oriented Analysis and Design | 3 | 0 | 0 | 6 |
| | CSE 444 | Software Engineering II | 3 | 0 | 0 | 6 |
| | CSE 445 | Compiler Design | 3 | 0 | 0 | 6 |
| | CSE 451 | Linear Systems and Signals | 3 | 0 | 0 | 6 |
| | CSE 453 | Patterns Recognition | 3 | 0 | 0 | 6 |
| | CSE 454 | Data Mining | 3 | 0 | 0 | 6 |
| | CSE 455 | Machine Learning | 3 | 0 | 0 | 6 |
| | CSE 476 | Mobile Communicaiton Networks | 3 | 0 | 0 | 6 |
| | CSE 480 | Systems Simulation | 3 | 0 | 0 | 6 |
| | CSE 481 | Artificial Intelligence | 3 | 0 | 0 | 6 |
| | CSE 482 | Computation with Artificial Neural Networks | 3 | 0 | 0 | 6 |
| | CSE 483 | Fuzzy Logic and modeling | 3 | 0 | 0 | 6 |
| | CSE 484 | Introduction to Natural Language Prcessing | 3 | 0 | 0 | 6 |
| | CSE 463 | Introduction to Cumputer Vision | 3 | 0 | 0 | 6 |
| | CSE 485 | Introduction to Robotics | 3 | 0 | 0 | 6 |

2017 – 2019 Müfredat Dönüşüm Tablosu

| 2017 Müfredat Seçmeli Dersler | 2019 Müfredat Seçmeli Dersler |
|-------------------------------|--|
| SSC I | ENG 151 History of Science and Technology |
| SSC II | ENG 152 Culture of Science and Computation |
| SSB Sosyal Seçmeli I | Nontechnical Elective I |
| SSB Sosyal Seçmeli II | Nontechnical Elective II |
| SSB Sosyal Seçmeli III | Nontechnical Elective V |
| SSB Sosyal Seçmeli IV | Nontechnical Elective VI |
| SSA I | Nontechnical Elective III |
| SSA II | Nontechnical Elective IV |
| SSA III | Nontechnical Elective VII |
| Bölüm Seçmeli I | Departmental Elective I |
| Bölüm Seçmeli III | Departmental Elective II |
| Bölüm Seçmeli II | Departmental Elective III |
| Bölüm Seçmeli IV | Departmental Elective IV |
| Bölüm Seçmeli Temel Alan I | Departmental Elective V |
| Bölüm Seçmeli Temel Alan II | Departmental Elective VI |