**Ege Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği**

**2024-2025 Eğitim Planı (İngilizce)**

|  |  |  |
| --- | --- | --- |
| **1ST SEMESTER**  |  | **2ND SEMESTER**  |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| 1 | 502001012022 | TURKISH LANGUAGE I | 2 | 0 | 0 | 2 | 2 |  | 1 | 502000922022 | TURKISH LANGUAGE II | 2 | 0 | 0 | 2 | 2 |
| 2 | 502001022022 | PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY I | 2 | 0 | 0 | 2 | 2 |  | 2 | 502000942022 | PRINCIPLES OF ATATURK AND RECENT TURKISH HISTORY II | 2 | 0 | 0 | 2 | 2 |
| 3 | CAL1032023 | CALCULUS I | 3 | 2 | 0 | 4 | 7 |  | 3 | 502001102022 | ECONOMICS | 2 | 0 | 0 | 2 | 2 |
| 4 | 502001062022 | PHYSICS I | 3 | 2 | 0 | 4 | 5 |  | 4 | CAL1042023 | CALCULUS II | 3 | 2 | 0 | 4 | 7 |
| 5 | 502001082022 | NATURAL FIBERS | 2 | 0 | 0 | 2 | 3 |  | 5 | 502001132022 | PHYSICS II | 3 | 2 | 0 | 4 | 5 |
| 6 | 502001092022 | GENERAL CHEMISTRY | 3 | 0 | 1 | 3,5 | 5 |  | 6 | 502001182022 | CHEMICAL FIBERS | 3 | 0 | 0 | 3 | 3 |
| 7 | 502001242022 | COMPUTER | 2 | 2 | 0 | 3 | 4 |  | 7 | 502001352022 | PRESENTATION AND REPORTING TECHNIQUES | 1 | 1 | 0 | 1,5 | 2 |
| 8 | 502001432022 | CAREER PLANNING | 1 | 0 | 0 | 1 | 2 |  | 8 | 502001112022 | ORGANIC CHEMISTRY | 3 | 0 | 0 | 3 | 5 |
|  |  | **Toplam** | **30** |  | 9 | 502001162022 | STATICS | 2 | 0 | 0 | 2 | 2 |
|  |  |  |  |  |  |  |  |  |  |  | **Toplam** | **30** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **3RD SEMESTER** |  | **4TH SEMESTER** |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| 1 | LAG2052023 | LINEAR ALGEBRA | 2 | 1 | 0 | 2,5 | 6 |  | 1 | DIF2222023 | DIFFERENTIAL EQUATIONS | 2 | 1 | 0 | 2,5 | 6 |
| 2 | 502002052022 | GENERAL BUSINESS | 3 | 0 | 0 | 3 | 3 |  | 2 | 502002402022 | TEXTILE CHEMISTRY  | 2 | 0 | 0 | 2 | 4 |
| 3 | 502002292022 | STATISTICS I | 2 | 0 | 0 | 2 | 5 |  | 3 | 502002302022 | STATISTICS II | 2 | 0 | 0 | 2 | 5 |
| 4 | 502002392022 | THERMODYNAMICS | 3 | 0 | 0 | 3 | 3 |  | 4 | 502003632022 | COMMUNITY SERVICE ACTIVITIES | 0 | 1 | 0 | 1 | 1 |
| 5 | 502002412022 | TECHNICAL DRAWING | 1 | 3 | 0 | 2,5 | 3 |  | 5 | 502002072022 | STRENGTH OF MATERIALS | 2 | 0 | 0 | 2 | 2 |
| 6 | 502001172022 | MATERIAL SCIENCE | 2 | 0 | 0 | 2 | 2 |  | 6 | 502002482022 | ELECTRONICS | 2 | 0 | 0 | 2 | 2 |
| 7 | 502007032022 | SPINNING TECHNOLOGY | 2 | 0 | 0 | 2 | 2 |  | 7 | 502002502022 | FINISHING TECHNOLOGY | 4 | 0 | 0 | 4 | 4 |
| 8 | 502002492022 | WEAVING TECHNOLOGY | 2 | 0 | 0 | 2 | 2 |  | 8 | 502002522022 | CLOTHING TECHNOLOGY | 2 | 0 | 0 | 2 | 2 |
| 9 | 502007042022 | KNITTING TECHNOLOGY | 2 | 0 | 0 | 2 | 2 |  | 9 | 502002542022 | PRACTICAL TRAINING I | 0 | 0 | 0 | 0 | 4 |
| 10 | 502002442022 | DYNAMICS | 2 | 0 | 0 | 2 | 2 |  | 10 | PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU – II (İSTEĞE BAĞLI) |  |  |  |  |  |
| 11 | PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU – I (İSTEĞE BAĞLI) |  |  |  |  |  |  |  |  | **Toplam** | **30** |
|  |  | **Toplam** | **30** |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **5TH SEMESTER** |  | **6TH SEMESTER** |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| 1 |   | MACHINE ELEMENTS | 2 | 0 | 0 | 2 | 3 |  | 1 |  | NONWOVEN TECHNOLOGY | 2 | 0 | 0 | 2 | 2 |
| 2 |   | PRODUCTION MANAGEMENT | 2 | 0 | 0 | 2 | 3 |  | 2 |  | PHYSICAL TEXTILE TESTING II | 2 | 0 | 2 | 3 | 5 |
| 3 |   | PHYSICAL TEXTILE TESTING I | 2 | 0 | 2 | 3 | 5 |  | 3 | RESTRICTED ELECTIVE II | RESTRICTED ELECTIVE II4 DERS İÇEREN 3 MODÜLDEN BİRİSİ SEÇİLECEKTİR |   |   |   |   | 16 |
| 4 | RESTRICTED ELECTIVE I | RESTRICTED ELECTIVE I3 DERS İÇEREN 3 MODÜLDEN BİRİSİ SEÇİLECEKTİR |  |  |  |  | 12 |  | 4 | UNI.ELEC.COU.I | UNIVERSITY ELECTIVE II | 2 | 0 | 0 | 2 | 3 |
| 5 | FREE ELECTIVE I | FREE ELECTIVE I | 2 | 0 | 0 | 2 | 4 |  | 5 |  | PRACTICAL TRAINING II | 0 | 0 | 0 | 0 | 4 |
| 6 | UNI.ELEC.COU.I | UNIVERSITY ELECTIVE I | 2 | 0 | 0 | 2 | 3 |  | 6 | PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU – IV (İSTEĞE BAĞLI) |  |  |  |  |  |
| 7 | PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU – III (İSTEĞE BAĞLI) |  |  |  |  |  |  |  |  | **Toplam** | **30** |
|  |  | **Toplam** | **30** |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **7TH SEMESTER** |  | **8TH SEMESTER** |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| 1 |   | TECHNICAL TEXTILES  | 4 | 0 | 0 | 4 | 4 |  | 1 |   | OCCUPATIONAL HEALTH AND SAFETY II | 2 | 0 | 0 | 2 | 2 |
| 2 |   | OCCUPATIONAL HEALTH AND SAFETY I | 2 | 0 | 0 | 2 | 2 |  | 2 |   | FABRICS | 2 | 0 | 0 | 2 | 3 |
| 3 |   | PRODUCT AND PROCESS DESIGN  | 2 | 0 | 0 | 2 | 3 |  | 3 |   | MARKETING | 3 | 0 | 0 | 3 | 5 |
| 4 |   | CHEMICAL TEXTILE TESTING | 2 | 0 | 2 | 3 | 5 |  | 4 |   | QUALITY CONTROL | 2 | 0 | 0 | 2 | 4 |
| 5 | CHA002 | CHILD RIGHTS AND FAMILY EDUCATION | 1 | 0 | 0 | 1 | 2 |  | 5 | FREE ELECTIVE II | FREE ELECTIVE II | 2 | 0 | 0 | 2 | 4 |
| 6 | RESTRICTED ELECTIVE III | RESTRICTED ELECTIVE III2 DERS İÇEREN 3 MODÜLDEN BİRİSİ SEÇİLECEKTİR |   |   |   |   | 10 |  | 6 | RESTRICTED ELECTIVE IV | RESTRICTED ELECTIVE IV2 DERS İÇEREN 3 MODÜLDEN BİRİSİ SEÇİLECEKTİR |  |  |  |  | 8 |
| 7 |   | GRADUATION PROJECT | 0 | 4 | 0 | 4 | 4 |  | 7 |   | GRADUATION PROJECT | 0 | 4 | 0 | 4 | 4 |
|  |   | GRADUATION PROJECT  | 0 | 4 | 0 | 4 | 8 |  |  |   | GRADUATION PROJECT  | 0 | 4 | 0 | 4 | 8 |
| 8 | PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU – V (İSTEĞE BAĞLI) |  |  |  |  |  |  | 8 | PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU – VI (İSTEĞE BAĞLI) |  |  |  |  |  |
|  |  | **Toplam**  | **30** |  |  |  | **Toplam** | **30** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **RESTRICTED ELECTIVE I** |  | **RESTRICTED ELECTIVE II** |
| Bu seçmeli ders grubundan, **uzmanlık alanı seçim sonuçlarında** ilan edilen MODÜL (3 DERS, 12 AKTS) alınacaktır. Sonraki dönemlerde de öğretime aynı MODÜL ile devamedilecektir. |  | Bu seçmeli ders grubundan sadece 1 MODÜL (4 DERS, 16 AKTS) alınacaktır. 3. yarıyılda seçilen MODÜL alınmalıdır. |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| **TEXTILE TECHNOLOGY MODULE** |  | **TEXTILE TECHNOLOGY MODULE** |
| 1 |  | WEAVING PREPARATION | 2 | 1 | 0 | 2.5 | 4 |  | 1 |  | WEAVING MACHINES | 2 | 1 | 0 | 2,5 | 4 |
| 2 |  | MECHANISMS | 2 | 0 | 0 | 2 | 4 |  | 2 |  | FABRIC ANALYSIS | 1 | 2 | 0 | 2 | 4 |
| 3 |  | SHORT STAPLE FIBER SPINNING | 3 | 1 | 0 | 3.5 | 4 |  | 3 |  | WEFT KNITTING | 2 | 1 | 0 | 2,5 | 4 |
| **TEXTILE FINISHING MODULE** |  | 4 |  | LONG STAPLE FIBER SPINNING | 3 | 1 | 0 | 3,5 | 4 |
| 1 |  | UNIT FINISHING OPERATIONS | 3 | 0 | 0 | 3 | 4 |  | **TEXTILE FINISHING MODULE** |
| 2 |  | POLYMER AND FIBER CHEMISTRY | 4 | 0 | 0 | 4 | 4 |  | 1 |  | PRETREATMENT | 2 | 0 | 3 | 3,5 | 4 |
| 3 |  | ANALYTICAL CHEMISTRY | 2 | 1 | 0 | 2.5 | 4 |  | 2 |  | FLUID MECHANICS | 2 | 0 | 0 | 2 | 4 |
| **APPAREL MODULE** |  | 3 |  | TEXTILE CHEMICALS | 3 | 0 | 0 | 3 | 4 |
| 1 |  | GARMENT PATTERNMAKING | 3 | 1 | 0 | 3.5 | 4 |  | 4 |  | TEXTILE DYEING I | 2 | 0 | 3 | 3,5 | 4 |
| 2 |  | PRODUCTION PRACTISES IN CLOTHING | 2 | 2 | 0 | 3 | 4 |  | **APPAREL MODULE** |
| 3 |  | CLOTHING MACHINERY | 2 | 1 | 0 | 2.5 | 4 |  | 1 |  | SUSTAINABILITY IN APPAREL | 3 | 0 | 0 | 3 | 4 |
|  |  |  |  |  |  |  |  |  | 2 |  | AUXILIARY MATERIALS IN CLOTHING | 2 | 0 | 0 | 2 | 4 |
|  |  |  |  |  |  |  |  |  | 3 |  | APPAREL MERCHANDISING | 3 | 0 | 0 | 3 | 4 |
|  |  |  |  |  |  |  |  |  | 4 |  | WORK STUDY IN CLOTHING | 3 | 0 | 0 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **RESTRICTED ELECTIVE III** |  | **RESTRICTED ELECTIVE IV** |
| Bu seçmeli ders grubundan sadece 1 MODÜL (2 DERS, 10 AKTS) alınacaktır. 3. yarıyılda seçilen MODÜL alınmalıdır. |  | Bu seçmeli ders grubundan sadece 1 MODÜL (2 DERS, 8 AKTS) alınacaktır. 3. yarıyılda seçilen MODÜL alınmalıdır. |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| **TEXTILE TECHNOLOGY MODULE** |  | **TEXTILE TECHNOLOGY MODULE** |
| 1 |  | WOVEN FABRIC CONSTRUCTION | 2 | 0 | 0 | 2 | 5 |  | 1 |  | PRODUCTIVITY AND WORK STUDY | 2 | 0 | 0 | 2 | 4 |
| 2 |  | WARP KNITTING | 2 | 1 | 0 | 2.5 | 5 |  | 2 |  | MODERN SPINNING PROCESSES | 3 | 0 | 0 | 3 | 4 |
| **TEXTILE FINISHING MODULE** |  | **TEXTILE FINISHING MODULE** |
| 1 |  | TEXTILE DYEING II | 2 | 0 | 3 | 3.5 | 5 |  | 1 |  | COLOUR MEASUREMENT | 2 | 0 | 0 | 2 | 4 |
| 2 |  | TEXTILE PRINTING | 2 | 0 | 3 | 3.5 | 5 |  | 2 |  | FINISHING PROCESSES | 2 | 0 | 2 | 3 | 4 |
| **APPAREL MODULE** |  | **APPAREL MODULE** |
| 1 |  | COMPUTER AIDED GARMENT DESIGN | 3 | 1 | 0 | 3.5 | 5 |  | 1 |  | AI APPLICATIONS IN APPAREL | 2 | 1 | 0 | 2.5 | 4 |
| 2 |  | ORGANISATION AND PLANNING IN CLOTHING | 3 | 0 | 0 | 3 | 5 |  | 2 |  | COMPUTERIZED GARMENT PATTERNMAKING | 2 | 2 | 0 | 3 | 4 |

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| **FREE ELECTIVE III** |  | **FREE ELECTIVE IV** |
| Bu seçmeli ders grubundan sadece 1 ders alınacaktır.  |  | Bu seçmeli ders grubundan sadece 1 ders alınacaktır. |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| 1 | TE7012022 | RECYCLING IN NONWOWEN TEXTILES | 2 | 0 | 0 | 2 | 4 |  | 1 | TE8022022 | NONWOVEN TECHNICAL TEXTILES AND COMPOSITES | 2 | 0 | 0 | 2 | 4 |
| 2 | TE7032022 | PATTERNING ON FLAT KNITTING MACHINES  | 2 | 0 | 0 | 2 | 4 |  | 2 | TE8042022 | SUSTAINABILITY IN TEXTILE FINISHING | 2 | 0 | 0 | 2 | 4 |
| 3 | TE7052022 | TEXTURING | 2 | 0 | 0 | 2 | 4 |  | 3 | TE8062022 | 3D NONWOVEN TEXTILES | 2 | 0 | 0 | 2 | 4 |
| 4 | TE7072022 | ENVIRONMENTAL IMPACT OF TEXTILE INDUSTRY AND LIFE CYCLE ASSESMENT | 2 | 0 | 0 | 2 | 4 |  | 4 | TE8082022 | 3D KNITTED TEXTILES | 2 | 0 | 0 | 2 | 4 |
| 5 | TE7112022 | DENIM TECHNOLOGY | 2 | 0 | 0 | 2 | 4 |  | 5 | TE8102022 | FACTORY ORGANISATION IN TEXTILE INDUSTRY | 2 | 0 | 0 | 2 | 4 |
| 6 | TE7132022 | QUALITY CONTROL OF PROTECTIVE TEXTILES | 2 | 0 | 0 | 2 | 4 |  | 6 | TE8122022 | FUNDAMENTALS OF FIBER AND YARN MECHANICS | 2 | 0 | 0 | 2 | 4 |
| 7 | TE7172022 | COATING AND LAMINATION | 2 | 0 | 0 | 2 | 4 |  | 7 | TE8142022 | FANCY YARNS AND PRODUCTION METHODS | 2 | 0 | 0 | 2 | 4 |
| 8 | TE7192022 | ANTIMICROBIAL TEXTILES | 2 | 0 | 0 | 2 | 4 |  | 8 | TE8182022 | ANALYSIS OF KNITTED FABRICS  | 2 | 0 | 0 | 2 | 4 |
| 9 | TE7212022 | BRAIDING TECHNOLOGY | 2 | 0 | 0 | 2 | 4 |  | 9 | TE8202022 | ENERGY MANAGEMENT | 2 | 0 | 0 | 2 | 4 |
| 10 | TE7232022 | ANALYSIS OF WOVEN FABRICS | 2 | 0 | 0 | 2 | 4 |  | 10 | TE8222022 | ERGONOMICS AND TEXTILE | 2 | 0 | 0 | 2 | 4 |
| 11 | TE7252022 | PROCESS ANALYSIS IN APPAREL PRODUCTION | 2 | 0 | 0 | 2 | 4 |  | 11 | TE8242022 | SUPPLY CHAIN MANAGEMENT IN TEXTILE | 2 | 0 | 0 | 2 | 4 |
| 12 | TE7272022 | TRANSITION TO UNIVERSITY LIFE | 2 | 0 | 0 | 2 | 4 |  | 12 | TE8262022 | EMBELLISHMENT TECHNIQUES IN APPAREL INDUSTRY | 2 | 0 | 0 | 2 | 4 |
|  |  |  |  |  |  |  |  |  | 13 | TE8282024 | TEXTILE COMPOSITES | 2 | 0 | 0 | 2 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - I** **(İSTEĞE BAĞLI)** |  | **PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - II** **(İSTEĞE BAĞLI)** |
| **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |  | **No** | **Ders Kodu** | **Ders Adı** | **T** | **U** | **L** | **Kredi** | **ECTS** |
| 1 | PF201 | Eğitime Giriş | 3 | 0 | 0 | 3 | 4 |  | 1 | PF202 | Eğitimde Ölçme ve Değerlendirme | 3 | 0 | 0 | 3 | 4 |
| 2 | PF203 | Öğretim İlke ve Yöntemleri | 3 | 0 | 0 | 3 | 4 |  | 2 | PF204 | Eğitim Psikolojisi | 3 | 0 | 0 | 3 | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - III** **(İSTEĞE BAĞLI)** |  | **PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - IV** **(İSTEĞE BAĞLI)** |
| 1 | PF301 | Sınıf Yönetimi | 2 | 0 | 0 | 2 | 3 |  | 1 | PF302 | Öğretim Teknolojileri | 2 | 0 | 0 | 2 | 3 |
| 2 | PF303 | Özel Öğretim Yöntemleri | 3 | 0 | 0 | 3 | 4 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - V** **(İSTEĞE BAĞLI)** |  | **PEDAGOJİK FORMASYON SEÇMELİ DERS GRUBU - VI** **(İSTEĞE BAĞLI)** |
| 1 | PF401 | Rehberlik ve Özel Eğitim | 3 | 0 | 0 | 3 | 4 |  | 1 | PF402 | Öğretmenlik Uygulamaları | 1 | 8 | 0 | 5 | 10 |