

**İKTİSADİ VE İDARİ BİLİMLER FAKÜLTESİ**  
**İKTİSAT BÖLÜMÜ ÇİFT ANADAL PROGRAMI**

| <b>Ders Kodu</b> | <b>Ders Adı</b>                        | <b>(T+U)</b> | <b>Kredisi</b> | <b>AKTS</b> |
|------------------|----------------------------------------|--------------|----------------|-------------|
| PHYS 131         | Physics I                              | 3 - 2        | 4              | 6,00        |
| SENG 101         | Computer Programming I                 | 3 - 2        | 4              | 6,00        |
| PHYS 132         | Physics II                             | 3 - 2        | 4              | 6,00        |
| SENG 102         | Computer Programming II                | 3 - 2        | 4              | 7,00        |
| SENG 106         | Computational Thinking                 | 3 - 0        | 3              | 5,00        |
| SENG 201         | Data Structures                        | 3 - 2        | 4              | 6,00        |
| SENG 203         | Discrete Structures                    | 3 - 0        | 3              | 5,00        |
| SENG 206         | Software Design                        | 3 - 0        | 3              | 5,00        |
| SENG 271         | Software Project I                     | 0 - 2        | 1              | 4,00        |
| CENG 383         | Algorithms                             | 3 - 0        | 3              | 6,00        |
| SENG 205         | Software Requirement Analysis          | 3 - 0        | 3              | 5,00        |
| SENG 272         | Software Project II                    | 0 - 2        | 1              | 4,00        |
| SENG 200         | Summer Training I                      | 0 - 0        | 0              | 5,00        |
| SENG 301         | Software Project Management            | 2 - 2        | 3              | 5,00        |
| SENG 303         | Software Testing for Quality Assurance | 3 - 0        | 3              | 5,00        |
| SENG 383         | Software Project III                   | 0 - 2        | 1              | 5,00        |
| SENG 306         | Database Modelling and Design          | 3 - 0        | 3              | 5,00        |
| SENG 326         | Software Architecture                  | 3 - 0        | 3              | 5,00        |
| SENG 384         | Software Project IV                    | 0 - 2        | 1              | 6,00        |
| SENG 352         | Data Analysis                          | 3 - 0        | 3              | 6,00        |
| SENG 315         | Concurrent Programming                 | 3 - 0        | 3              | 5,00        |
| SENG 491         | Graduation Project I                   | 1 - 4        | 3              | 6,00        |
| SENG 300         | Summer Training II                     | 0 - 0        | 0              | 5,00        |
| SENG 492         | Graduation Project II                  | 1 - 4        | 3              | 6,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective Lab                 | 1 - 2        | 2              | 4,00        |
| SENG 4XX         | Technical Elective Lab                 | 1 - 2        | 2              | 4,00        |
| IE 446           | Project Engineering Management         | 3 - 0        | 3              | 5,00        |

**FEN EDEBİYAT FAKÜLTESİ****PSİKOLOJİ BÖLÜMÜ ÇİFT ANADAL PROGRAMI**

| <b>Ders Kodu</b> | <b>Ders Adı</b>                        | <b>(T+U)</b> | <b>Kredisi</b> | <b>AKTS</b> |
|------------------|----------------------------------------|--------------|----------------|-------------|
| PHYS 131         | Physics I                              | 3 - 2        | 4              | 6,00        |
| SENG 101         | Computer Programming I                 | 3 - 2        | 4              | 6,00        |
| PHYS 132         | Physics II                             | 3 - 2        | 4              | 6,00        |
| MATH 158         | Calculus for Engineering II            | 4 - 0        | 4              | 5,00        |
| SENG 102         | Computer Programming II                | 3 - 2        | 4              | 7,00        |
| SENG 106         | Computational Thinking                 | 3 - 0        | 3              | 5,00        |
| SENG 201         | Data Structures                        | 3 - 2        | 4              | 6,00        |
| SENG 203         | Discrete Structures                    | 3 - 0        | 3              | 5,00        |
| SENG 206         | Software Design                        | 3 - 0        | 3              | 5,00        |
| SENG 271         | Software Project I                     | 0 - 2        | 1              | 4,00        |
| MATH 205         | Basic Linear Algebra                   | 3 - 0        | 3              | 4,00        |
| CENG 383         | Algorithms                             | 3 - 0        | 3              | 6,00        |
| SENG 205         | Software Requirement Analysis          | 3 - 0        | 3              | 5,00        |
| SENG 272         | Software Project II                    | 0 - 2        | 1              | 4,00        |
| SENG 200         | Summer Training I                      | 0 - 0        | 0              | 5,00        |
| SENG 301         | Software Project Management            | 2 - 2        | 3              | 5,00        |
| SENG 303         | Software Testing for Quality Assurance | 3 - 0        | 3              | 5,00        |
| SENG 383         | Software Project III                   | 0 - 2        | 1              | 5,00        |
| SENG 306         | Database Modelling and Design          | 3 - 0        | 3              | 5,00        |
| SENG 326         | Software Architecture                  | 3 - 0        | 3              | 5,00        |
| SENG 384         | Software Project IV                    | 0 - 2        | 1              | 6,00        |
| SENG 352         | Data Analysis                          | 3 - 0        | 3              | 6,00        |
| SENG 315         | Concurrent Programming                 | 3 - 0        | 3              | 5,00        |
| SENG 491         | Graduation Project I                   | 1 - 4        | 3              | 6,00        |
| SENG 300         | Summer Training II                     | 0 - 0        | 0              | 5,00        |
| SENG 492         | Graduation Project II                  | 1 - 4        | 3              | 6,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective Lab                 | 1 - 2        | 2              | 4,00        |
| SENG 4XX         | Technical Elective Lab                 | 1 - 2        | 2              | 4,00        |
| IE 446           | Project Engineering Management         | 3 - 0        | 3              | 5,00        |

**İKTİSADİ VE İDARİ BİLİMLER FAKÜLTESİ****YÖNETİM BİLİŞİM SİSTEMLERİ BÖLÜMÜ ÇİFT ANADAL PROGRAMI**

| <b>Ders Kodu</b> | <b>Ders Adı</b>                        | <b>(T+U)</b> | <b>Kredisi</b> | <b>AKTS</b> |
|------------------|----------------------------------------|--------------|----------------|-------------|
| PHYS 131         | Physics I                              | 3 - 2        | 4              | 6,00        |
| PHYS 132         | Physics II                             | 3 - 2        | 4              | 6,00        |
| SENG 201         | Data Structures                        | 3 - 2        | 4              | 6,00        |
| SENG 203         | Discrete Structures                    | 3 - 0        | 3              | 5,00        |
| SENG 206         | Software Design                        | 3 - 0        | 3              | 5,00        |
| SENG 271         | Software Project I                     | 0 - 2        | 1              | 4,00        |
| CENG 383         | Algorithms                             | 3 - 0        | 3              | 6,00        |
| SENG 205         | Software Requirement Analysis          | 3 - 0        | 3              | 5,00        |
| SENG 272         | Software Project II                    | 0 - 2        | 1              | 4,00        |
| SENG 303         | Software Testing for Quality Assurance | 3 - 0        | 3              | 5,00        |
| SENG 383         | Software Project III                   | 0 - 2        | 1              | 5,00        |
| SENG 326         | Software Architecture                  | 3 - 0        | 3              | 5,00        |
| SENG 384         | Software Project IV                    | 0 - 2        | 1              | 6,00        |
| SENG 315         | Concurrent Programming                 | 3 - 0        | 3              | 5,00        |
| SENG 491         | Graduation Project I                   | 1 - 4        | 3              | 6,00        |
| SENG 300         | Summer Training II                     | 0 - 0        | 0              | 5,00        |
| SENG 492         | Graduation Project II                  | 1 - 4        | 3              | 6,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective Lab                 | 1 - 2        | 2              | 4,00        |
| SENG 4XX         | Technical Elective Lab                 | 1 - 2        | 2              | 4,00        |
| IE 446           | Project Engineering Management         | 3 - 0        | 3              | 5,00        |

**İKTİSADİ VE İDARİ BİLİMLER FAKÜLTESİ****YÖNETİM BİLİŞİM SİSTEMLERİ BÖLÜMÜ YANDAL PROGRAMI**

| <b>Ders Kodu</b> | <b>Ders Adı</b>                        | <b>(T+U)</b> | <b>Kredisi</b> | <b>AKTS</b> |
|------------------|----------------------------------------|--------------|----------------|-------------|
| SENG 201         | Data Structures                        | 3 - 2        | 4              | 6,00        |
| SENG 206         | Software Design                        | 3 - 0        | 3              | 5,00        |
| CENG 383         | Algorithms                             | 3 - 0        | 3              | 6,00        |
| SENG 205         | Software Requirement Analysis          | 3 - 0        | 3              | 5,00        |
| SENG 303         | Software Testing for Quality Assurance | 3 - 0        | 3              | 5,00        |
| SENG 326         | Software Architecture                  | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |
| SENG 4XX         | Technical Elective                     | 3 - 0        | 3              | 5,00        |

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