

FACULTY OF ARTS AND SCIENCES**MATHEMATICS DEPARTMENT DOUBLE MAJOR PROGRAM**

| Course Code | Course Name | Credit | AKTS |
|--------------------|--|---------------|-------------|
| SENG 102 | Computer Programming II | 3 2 4 | 7 |
| SENG 106 | Computational Thinking | 3 0 3 | 5 |
| SENG 201 | Data Structures | 3 2 4 | 6 |
| SENG 205 | Software Requirement Analysis | 3 0 3 | 5 |
| SENG 206 | Software Design | 3 0 3 | 5 |
| SENG 271 | Software Project I | 0 2 1 | 5 |
| SENG 272 | Software Project II | 0 2 1 | 4 |
| SENG 300 | Summer Training II | 0 0 0 | 5 |
| SENG 303 | Software Testing for Quality Assurance | 3 0 3 | 5 |
| SENG 306 | Database Modelling and Design | 3 0 3 | 5 |
| SENG 315 | Concurrent Programming | 3 0 3 | 5 |
| SENG 326 | Software Architecture | 3 0 3 | 5 |
| SENG 352 | Data Analysis | 3 0 3 | 6 |
| SENG 383 | Software Project III | 0 2 1 | 5 |
| SENG 384 | Software Project IV | 0 2 1 | 6 |
| CENG 383 | Algorithms | 3 0 3 | 6 |
| SENG 491 | Graduation Project I | 1 4 3 | 6 |
| SENG 492 | Graduation Project II | 1 4 3 | 6 |
| SENG 4XX | Technical Elective Lab | 1 2 2 | 4 |
| SENG 4XX | Technical Elective Lab | 1 2 2 | 4 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| | Total Credit | 68 | 135 |

FACULTY OF ARTS AND SCIENCES**MATHEMATICS DEPARTMENT MINOR PROGRAM**

| Course Code | Course Name | Credit | AKTS |
|--------------------|--|---------------|-------------|
| SENG 102 | Computer Programming II | 3 2 4 | 7 |
| SENG 106 | Computational Thinking | 3 0 3 | 5 |
| SENG 201 | Data Structures | 3 2 4 | 6 |
| SENG 205 | Software Requirement Analysis | 3 0 3 | 5 |
| SENG 206 | Software Design | 3 0 3 | 5 |
| SENG 271 | Software Project I | 0 2 1 | 5 |
| SENG 272 | Software Project II | 0 2 1 | 4 |
| SENG 303 | Software Testing for Quality Assurance | 3 0 3 | 5 |
| SENG 306 | Database Modelling and Design | 3 0 3 | 5 |
| SENG 315 | Concurrent Programming | 3 0 3 | 5 |

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|----------|------------------------|-----------|-----------|
| SENG 326 | Software Architecture | 3 0 3 | 5 |
| SENG 352 | Data Analysis | 3 0 3 | 6 |
| SENG 383 | Software Project III | 0 2 1 | 5 |
| SENG 384 | Software Project IV | 0 2 1 | 6 |
| CENG 383 | Algorithms | 3 0 3 | 6 |
| SENG 4XX | Technical Elective Lab | 1 2 2 | 4 |
| | Total Credit | 41 | 84 |

**FACULTY OF ARTS AND SCIENCES
PSYCHOLOGY DEPARTMENT MINOR PROGRAM**

| Course Code | Course Name | Credit | AKTS |
|--------------------|--|---------------|-------------|
| SENG 101 | Computer Programming I | 3 2 4 | 6 |
| SENG 102 | Computer Programming II | 3 2 4 | 7 |
| SENG 106 | Computational Thinking | 3 0 3 | 5 |
| SENG 201 | Data Structures | 3 2 4 | 6 |
| MATH 223 | Introduction to Applied Probability and Statistics | 3 2 4 | 6 |
| CENG 383 | Algorithms | 3 0 3 | 6 |
| SENG 352 | Data Analysis | 3 0 3 | 6 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| | Total Credit | 28 | 47 |

**FACULTY OF ECONOMICS AND ADMINISTRATIVE
SCIENCES**

ECONOMICS DEPARTMENT MINOR PROGRAM

| Course Code | Course Name | Credit | AKTS |
|--------------------|-------------------------------|---------------|-------------|
| SENG 101 | Computer Programming I | 3 2 4 | 6 |
| SENG 102 | Computer Programming II | 3 2 4 | 7 |
| SENG 106 | Computational Thinking | 3 0 3 | 5 |
| SENG 201 | Data Structures | 3 2 4 | 6 |
| SENG 203 | Discrete Structures | 3 0 3 | 5 |
| SENG 306 | Database Modelling and Design | 3 0 3 | 5 |
| SENG 352 | Data Analysis | 3 0 3 | 6 |
| CENG 383 | Algorithms | 3 0 3 | 6 |
| | Total Credit | 27 | 46 |

**FACULTY OF ARCHITECTURE
INTERIOR ARCHITECTURE DEPARTMENT MINOR PROGRAM**

| Course Code | Course Name | Credit | AKTS |
|--------------------|--|---------------|-------------|
| SENG 101 | Computer Programming I | 3 2 4 | 6 |
| SENG 102 | Computer Programming II | 3 2 4 | 7 |
| SENG 106 | Computational Thinking | 3 0 3 | 5 |
| SENG 201 | Data Structures | 3 2 4 | 6 |
| SENG 203 | Discrete Structures | 3 0 3 | 5 |
| MATH 223 | Introduction to Applied Probability and Statistics | 3 2 4 | 6 |
| SENG 306 | Database Modelling and Design | 3 0 3 | 5 |
| SENG 352 | Data Analysis | 3 0 3 | 6 |
| CENG 383 | Algorithms | 3 0 3 | 6 |
| SENG 4XX | Technical Elective | 3 0 3 | 5 |
| | Total Credit | 34 | 57 |