

Software Engineering (English)

Faculty of Engineering · Bachelor's · Bologna course information package · YAZILIM MÜHENDİSLİĞİ (İNGİLİZCE)
(2024-Devam)

SWE206 · WEB PROGRAMMING II

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE212 · PROGRAMMING LANGUAGE CONCEPTS

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE216 · INFORMATICS ETHICS AND SECURITY

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE214 · COMPUTER - USER INTERFACES

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE208 · PYTHON PROGRAMMING LANGUAGE

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE210 · FUNDAMENTALS OF DIGITAL MARKETING, SOCIAL MEDIA, AND E-COMMERCE

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

INF403 · TURKISH CAPITAL MARKETS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

MAN209 · INTRODUCTION TO MARKETING

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

PSY101 · INTRODUCTION TO PSYCHOLOGY I

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

ECO301 · MONETARY THEORY AND POLICY

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

ECO445 · LOCAL ECONOMIC DEVELOPMENT

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

ITL201 · INTRODUCTION TO INTERNATIONAL TRADE

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

ITL203 · LOGISTICS AND SUPPLY CHAIN ??MANAGEMENT

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

ITL343 · CURRENT ISSUES IN INTERNATIONAL TRADE AND LOGISTICS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INF301 · INTERNATIONAL TRADE AND FINANCE

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE459 · ENTREPRENEURSHIP

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE351 · BUSINESS COMMUNICATION

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE303 · WORK STUDY

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE317 · PRODUCTION MANAGEMENT

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE203 · ERGONOMICS

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	5

EEE451 · PROFESSIONAL ENGINEERING DEVELOPMENT

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

İŞD101 · TURKISH SIGN LANGUAGE

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

EEE335 · MICROCONTROLLERS

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	5

SWE307 · COMPUTER ORGANIZATION

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE313 · ARDUINO PROGRAMMING

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE305 · C# PROGRAMMING LANGUAGE

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE311 · INTRODUCTION TO IMAGE PROCESSING

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE309 · MATLAB PROGRAMMING

General information

Type	Elective
Theory / Practice / Lab	2 / 3 / 0
ECTS	4

SWE317 · ARTIFICIAL INTELLIGENCE

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE306 · INTRODUCTION TO BIOMETRIC SYSTEMS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE314 · IMAGE PROCESSING

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE308 · ADVANCED DATABASE PROGRAMMING AND MANAGEMENT WITH MSSQL

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE316 · MACHINE LEARNING

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE318 · JAVA PROGRAMMING LANGUAGE

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE310 · ADVANCED RESPONSIVE WEB DESIGN WITH CSS AND BOOTSTRAP

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE324 · CLOUD COMPUTING AND APPLICATIONS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE320 · COMPUTER NETWORKS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE326 · SİBER GÜVENLİK

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

INF403 · TURKISH CAPITAL MARKETS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

MAN209 · INTRODUCTION TO MARKETING

General information

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ECTS	5

PSY101 · INTRODUCTION TO PSYCHOLOGY I

General information

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ECO301 · MONETARY THEORY AND POLICY

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ECO445 · LOCAL ECONOMIC DEVELOPMENT

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ITL201 · INTRODUCTION TO INTERNATIONAL TRADE

General information

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ITL203 · LOGISTICS AND SUPPLY CHAIN ??MANAGEMENT

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ITL343 · CURRENT ISSUES IN INTERNATIONAL TRADE AND LOGISTICS

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INF301 · INTERNATIONAL TRADE AND FINANCE

General information

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INE459 · ENTREPRENEURSHIP

General information

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ECTS	5

INE351 · BUSINESS COMMUNICATION

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE303 · WORK STUDY

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE317 · PRODUCTION MANAGEMENT

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

INE203 · ERGONOMICS

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	5

EEE451 · PROFESSIONAL ENGINEERING DEVELOPMENT

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

İŞD101 · TURKISH SIGN LANGUAGE

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	5

EEE335 · MICROCONTROLLERS

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	5

SWE417 · LINUX TOOLS AND SHELL PROGRAMMING

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE411 · DEEP LEARNING

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE423 · .NET WEB APPLICATION DEVELOPMENT

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE405 · GAME PROGRAMMING

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE413 · OPTIMIZATION METHODS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE415 · CRYPTOGRAPHY AND NETWORK SECURITY

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE421 · BIG DATA APPLICATIONS

General information

Type	Elective
Theory / Practice / Lab	3 / 0 / 0
ECTS	4

SWE407 · AUTOMATA THEORY

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE409 · PATTERN RECOGNITION

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

SWE419 · PARALLEL AND DISTRIBUTED COMPUTING

General information

Type	Elective
Theory / Practice / Lab	2 / 2 / 0
ECTS	4

TUR101 · TURKISH LANGUAGE I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

HIS101 · ATATURK'S PRINCIPLES AND REVOLUTION HISTORY I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

KRY101 · CAREER PLANNING

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	1 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

FLE101 · İNGİLİZCE I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE103 · INTRODUCTION TO SOFTWARE ENGINEERING

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	3 / 2 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

PHY101 · PHYSICS I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 2
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE101 · INTRODUCTION TO PROGRAMMING I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	3 / 2 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT101 · MATHEMATICS I

General information

Semester	1
Type	Zorunlu
Theory / Practice / Lab	4 / 0 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE102 · INTRODUCTION TO PROGRAMMING II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	4 / 0 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE104 · INTRODUCTION TO PROGRAMMING II LAB

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	0 / 4 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

PHY102 · PHYSICS II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 2
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

HIS102 · ATATURK'S PRINCIPLES AND REVOLUTION HISTORY II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

FLE102 · İNGİLİZCE II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

TUR102 · TURKISH LANGUAGE II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT102 · MATHEMATICS II

General information

Semester	2
Type	Zorunlu
Theory / Practice / Lab	4 / 0 / 0
ECTS	6
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE201 · OBJECT ORIENTED PROGRAMMING

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

ISG201 · OCCUPATIONAL HEALTH AND SAFETY I

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT203 · PROBABILITY AND RANDOM VARIABLES

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT201 · LINEAR ALGEBRA

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT205 · DISCRETE MATHEMATICS

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	3
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE207 · WEB PROGRAMMING I

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE203 · OBJECT ORIENTED PROGRAMMING LAB

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	0 / 3 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE205 · DATABASE SYSTEMS-1

General information

Semester	3
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

ISG202 · OCCUPATIONAL HEALTH AND SAFETY II

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	2 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

MAT202 · DIFFERENTIAL EQUATIONS

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	4 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE204 · ANALYSIS OF ALGORITHMS

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE202 · DATA STRUCTURES AND ALGORITHMS

General information

Semester	4
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE303 · OPERATING SYSTEMS

General information

Semester	5
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE301 · SOFTWARE ENGINEERING

General information

Semester	5
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE304 · DATA MINING

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE302 · SOFTWARE DEVELOPMENT AND PROJECT MANAGEMENT

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	3 / 0 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SUMMER · SUMMER PRACTICE

General information

Semester	6
Type	Zorunlu
Theory / Practice / Lab	0 / 0 / 0
ECTS	2
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE401 · MOBILE PROGRAMMING

General information

Semester	7
Type	Zorunlu
Theory / Practice / Lab	2 / 2 / 0
ECTS	4
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE403 · SOFTWARE ENGINEERING PROJECT

General information

Semester	7
Type	Zorunlu
Theory / Practice / Lab	0 / 6 / 0
ECTS	5
Level of study	Lisans
Mode of study	Birinci Öğretim

SWE400 · INTERN ENGINEERING

General information

Semester	8
Type	Zorunlu
Theory / Practice / Lab	0 / 40 / 0
ECTS	30
Level of study	Lisans
Mode of study	Birinci Öğretim