

ERASMUS+ ENGLISH COURSES

BSc Programmes

FACULTY OF ENGINEERING

Department Of Civil Engineering

Fall Semester

Tunnel Design and construction(3ECTS)

Soil Mechanics I (6ECTS)

Foundation Engineering (4ECTS)

Spring Semester

Construction Materials (4ECTS)

Road Materials (3ECTS)

Soil Mechanics II (4ECTS)

Statics (4ECTS)

Reinforced Concrete (5ECTS)

Department Of Computer Engineering

Fall Semester

Computer Networks (5ECTS)

Mobile Application Development(4ECTS)

Linear Algebra and Differential Equations(5ECTS)

Discrete Mathematics (4ECTS)

Criptology(6ECTS)

Analysis of Algorithms(5ECTS)

Software Engineering (4ECTS)

Pattern Recognition (6ECTS)

Spring Semester

Algoritms and Programming (5ECTS)

Distributed Systems (6ECTS)

Neural Network (6ECTS)

Fuzzy Logic (6 ECTS)

Data Structures (5ECTS)

Image Processing (4ECTS)

Department Of Electrical And Electronics Engineering

Fall Semester

VLSI Design and Simulation(5ECTS)

Algorithm and Programming I(5ECTS)

Digital Logic Circuits (5ECTS)

Digital Logic Circuits Design LaboratoryI (2ECTS)

Electrical Circuits I(6ECTS)

Electrical Circuits and design LaboratoryI(2ECTS)

Telecommunication Laboratory (2ECTS)

Automatic Control Systems (5ECTS)

Design of Digital Filter (5ECTS)

Engineering Mathematics (6ECTS)

Electronical Circuits I (5ECTS)

Spring Semester

Introduction to MEMS (5ECTS)

Algorithm and Programming II(6ECTS)

Electrical Circuits II(6ECTS)

Signals And Systems (4ECTS)

Probabbility and Random Variables (5ECTS)

Theory of Electromagnetic Fields (4ECTS)

Electrical Circuits II(5ECTS)

Differential Equation (5ECTS)

Power Electronics (5ECTS)

Microelectronics (5ECTS)

Department Of Environmental Engineering

Fall Semester

Environmental Microbiology I (5ECTS)
Environmental Chemistry I(5ECTS)
Industrial Pollution Control (4ECTS)
Tech.Elect Foreign Language I (3ECTS)
Computer Application in Engineering (3ECTS)
Wastewater Treatment (6ECTS)
Multidisciplinary Integrated Project Work (5ECTS)
Urban Planning (3ECTS)

Spring Semester

Environmental Microbiology II (5ECTS)
Environmental Chemistry II(5ECTS)
Numerical Analysis (3ECTS)
Environmental Economics (5ECTS)
Wastewater Treatment II (6ECTS)
Tech.Elect Foreign Language II (3ECTS)
Occupational Project (5ECTS)
Sludge Disposal (4ECTS)

Department Of Mechanical Engineering.

Fall Semester

Measuring Methods (3ECTS)
Statistics I (ECTS)
Strength Of Materials.I (5ECTS)
Dynamics (4ECTS)
Thermodynamics I (4ECTS)
Engineering Materials (4ECTS)
Software Programming Languages (4ECTS)
Fluid Mechanics I (4ECTS)
Machine Elements I (4ECTS)
Manufacturing Process I (3ECTS)
Heat Transfer (3ECTS)
Mechanisms (4ECTS)

Spring Semester

Statics II (6ECTS)
Strength Of Materials.II (5ECTS)
Thermodynamics II (4ECTS)
Fluid Mechanics II (4ECTS)
Numerical Analysis (4ECTS)
Machine Elements II (4ECTS)
Dynamics Of Machinery (5ECTS)
Manufacturing Process II (3ECTS)
Heat Treatments (4ECTS)

FACULTY OF AGRICULTURE

Bachelor Degree

Fall Semester

Fruit and Vineyard Plants Pests (4ECTS)
Biological Control Methods (4ECTS)
Mycology(4ECTS)
Plant Fungi Diseases(4ECTS)
Industrial Crops Pests (4ECTS)
General Fruit Culture (4ECTS)
Soilles Agriculturel Techniques (3ECTS)
Pruning techniques (4ECTS)

Spring Semester

Insect Ecology (4ECTS)
Insect Morhology and Physiology(3ECTS)
Phytobacterial Diseases (3ECTS)
Nematology (4ECTS)
General Pests (3ECTS)
Stored Product Pests (4ECTS)
Plant Physiology (3ECTS)
Nut Crops (3ECTS)
Ecology of horticulturel Crops (3ECTS)
Technics of Tissue Culture(3ECTS)

Graduate Degree

Fall Semester

Biological Control of Agricultural Pests (6ECTS)
Plant Protection in Agroecology and
Ecological Agriculture(6ECTS)
Urban Entomology (6ECTS)
Laboratory Principles in Phytopathology(6ECTS)
Gene Cloning (6ECTS)
Biochemistry of plant Wilt Diseases (6ECTS)
Insect Physiology (6ECTS)
Epidemiology of Diseases Transmitted by Insects(6ECTS)
Growth and Development Physiology in Vegetables (6ECTS)
Physiology of Mineral Nutrition in fruit Trees (6ECTS)
Growth Regulators and Usage in Fruits(6ECTS)

Spring Semester

Entomophagous Insects (6ECTS)
Mass Rearing of natural Enemy Arthropods(6ECTS)
Principles of Integrated Pest Management (6ECTS)
Resistance and Defense Mechanisms Against Plant (6ECTS)
Diseases (6ECTS)
Plant,PathogenSalt Interactions(6ECTS)
Energy Transfer in Organisms (6ECTS)
Handling of Insects and Their Collection(6ECTS)
Pesticide Toxicology (6ECTS)
Soilles Agricultural Techniques(6ECTS)
Organic Fruit Culture (6ECTS)

FACULTY OF ARTS AND SCIENCES

Department Of Biology

Fall Semester

Biochemistry I (4ECTS)
Cytology (4ECTS)
Cytology Labratory (2 ECTS)

Spring Semester

Biochemistry II (4ECTS)
Histology (4ECTS)

Department Of Molecular Biology And Genetics

Fall Semester

Immunology(3ECTS)

Genetic Resources and Conservation Methods (3ECTS)

Human Genetics((3ECTS)

Introduction to Nanotechnology(3ECTS)

Phytotherapy (3ECTS)

Isolation Areas of Plant Secondary Metabolites and Usage (3ECTS)

Spring Semester

Principles of Population Genetics.(3ECTS)

Cell Tissue Culture (3ECTS)

Nano Technological Applications and Usage Areas(3ECTS)

Reactive Oxygen Types And Antioxidants(3ECTS)

Department Of Geography

Fall Semester

Natural Disasters Geography(3ECTS)

Political Geography (3 ECTS)

Cultural Geography Researches-I (3ECTS)

Nature Conservation and conserved Areas (3ECTS)

Urban Geography Researches (3ECTS)

Methods and Techniques in Geographical Planning(3ECTS)

Spring Semester

Migration and Entegration Policies(3ECTS)

Cultural Geography Researches-II(3ECTS)

Historical Urban Geography Researches(3ECTS)

Turkish Cities and Urbanism Movements in Turkey(3ECTS)

Sustainable Rural Development(3ECTS)

Geomorphology of Arid Region (3 ECTS)

Department Of Sociology

Fall Semester

Introduction to Sociology I (6ECTS)

Gender and Society (5ECTS)

Crime Sociology (5.ECTS)

Environmental Sociology (5ECTS)

Sociology and Migration (5ECTS)

Daily Sociology(5ECTS)

Spring Semester

Introduction to Sociology II (6ECTS)

Industrial Sociology(5ECTS)

Sociology and Law(5ECTS)

Sociology of religion (5ECTS)

Sociology of Art (5ECTS)

Development Sociology(5ECTS)

Department Of Mathematics

Fall Semester

Analytical Geometry I(6ECTS)
Differential Equations I (6ECTS)
Differential Geometry I(6ECTS)
Complex Functions Theory I(7ECTS)
Applied Mathematics I(6ECTS)
Partial Derivative Equations (6ECTS)

Spring Semester

Analytical Geometry II(6ECTS)
Differential Equations II (6ECTS)
Differential Geometry II(6ECTS)
Complex Functions Theory II(7ECTS)
Applied Mathematics II(6ECTS)
Numerical Analysis (6ECTS)

Department Of History

Fall Semester

History of Urbanism(5 ECTS)
History Methodology(4ECTS)

Spring Semester

History Philosophy(5 ESTS)

FACULTY OF EDUCATION

Department Of Fine Arts Education

Division Of Painting Crafts Education

Fall Semester

Basic Design I (5ECTS)

Perspective 2(2ECTS)

Painting I(4ECTS)

Painting Photography(3ECTS)

Elective Painting Painting (3ECTS)

Spring Semester

Basic Design 2(5ECTS)

Pattern I (3 ECTS)

Pattern 2(3ECTS)

Painting2(4ECTS)

Painting Sculpture(3ECTS)

Painting Print Making (3ECTS)

Division Of Musics Education

Fall Semester

Piano I (2ECTS)

Piano III (1ECTS)

Piano V (4ECTS)

Playing Instrument I(9ECTS)

Playing Instrument III(8ECTS)

Playing Instrument V(8ECTS)

Playing Instrument VII(8ECTS)

Spring Semester

Playing Instrument IV(8ECTS)

Piano IV (2ECTS)

Piano VI (3ECTS)

Music Formats VI (3ECTS)

Introduction of Music Aesthetics (4ECTS)

Audio Systems II (5ECTS)

Playing Instrument II(7ECTS)

Department Of Foreign Language Education

Division Of English Language Teaching

Fall Semester

Reading Skills I (2 ECTS)
Writing Skills I (2ECTS)
Listening and Pronunciation I (2ECTS)
Oral Cominication Skills I (2 ECTS)
Foreign Language I(German /French) (3ECTS)
English Learning and Teaching Approaches (3ECTS)
English Literature I (4ECTS)
Lingistics I (3ECTS)
Critical Reading and Writing (3ECTS)
Foreign Language Teaching to Children I(5ECTS)
Teaching English Language Skills I (5 ECTS)
Teaching Language and Literature I (3ECTS)
Development of Course Content of
Teaching English (3ECTS)
Translation (3ECTS)

Spring Semester

Foreign Language II (German/French) (3ECTS)
Writing Skills II (3 ECTS)
Listening and Pronunciation II (3 ECTS)
Oral Cominication II (3ECTS)
Structure of English(2 ECTS)
Reading Skills II (2ECTS)
English Teaching Programes (3ECTS)
English Literature II(4ECTS)
Linguistics II (3ECTS)
Language Acquisition (3ECTS)
Foreign Language Teaching to Children II (5ECTS)
Teaching English Language Skills II (5ECTS)
Teaching Language and Literature II (3ECTS)
Preparing Exam in English Teaching (4ECTS)

Department Of Primary Education

Division Of Classroom Education

Fall Semester

Drama in Primary School (4ECTS)
Classroom Management (3ECTS)
Morals and Ethics in Education(3ECTS)
Special Education and Integration (3ECTS)
Human Relations and Communication (3ECTS)
Culture and Language (3ECTS)
Comperative Education (4ECTS)
Children's Literature (4ECTS)
Traditional Kid Games.(4ECTS)

Spring Semester

Measurement and Evaluation in Education (3ECTS)
Teaching Principles and Methods (3ECTS)
Research Methods in Education (3ECTS)
Teaching of Game and physical Activities.(5ECTS)
Basic Science in Primary School(5ECTS)
School Guidance (3ECTS)
Turkish Education System and School Management((3ECTS)
Human Relations And Communication (3ECTS)
Child Psychology (4ECTS)

Department Of mathematics and Science Education

Division Of Mathematics Education

Fall Semester

History of Matehematics (3ECTS)
Mathematics Learning and Teaching Approaches (3ECTS)
Problem Solving in Mathematics (3ECTS)
Logical Reasoning(3ECTS)
Computer Assisted Mathematics Teaching (4ECTS)

Spring Semester

Association in Mathematics Teaching (4ECTS)
Culture and Mathematics (4ECTS)
Algorithm and Programming (2ECTS)
Teaching Mathematics Gifted Students(4ECTS)
Modelling in Mathematics Teaching(4ECTS)

FACULTY OF HEALTH SCIENCES

Department Of Nursing

Fall Semester

Nursing of Delivery and Women Disease (14 ECTS)

Spring Semester

Contagious Disease Nursing (2 ECTS)

Public Health Nursing (14 ECTS)

Pediatric Nursing (14 ECTS)

FACULTY OF THEOLOGY

Fall Semester

Arabic Grammar(3ECTS)

History Of Tafsir(3ECTS)

Fundamentals of Islamic Worship(3ESTS)

Classical Logic (3ESTS)

Arabic Philology I(3 ECTS)

Methodology of Islamic Jurisprudence I(3ECTS)

Tafsir III (3ECTS)

Islamic Jurisprudence I (3ECTS)

Islamic Philisophy I(2ECTS)

Philosophy of Religion I (3ECTS)

Contemporary Issues in Islamic Jurisprudence(2ESTS)

Islamic Jurisprudence III (3ECTS)

Islamic Philisophy II(3ESTS)

Islamic Jurisprudence III (3ECTS)

Spring Semester

Reading Texts in Arabic (3ECTS)

Methodology of Tafsir (3ECTS)

Arabic Philology II(3 ECTS)

Tafsir II (3ECTS)

Methodology of Islamic Jurisprudence II(4ECTS)

Introduction to Philosophy (4ECTS)

Islamic Jurisprudence II (3ECTS)

Tafsir IV (3ECTS)

Philosophy of Religion II (4ECTS)

Islamic Jurisprudence IV (3ECTS)

FACULTY OF VETERINARY MEDICINE

Fall Semester

Histology II (3ECTS)

Embriology (1ECTS)

Microbiology I(3ECTS)

Microbiology II(3ECTS)

Epidemiology (1ECTS)

Avian Diseases (3ECTS)

Veterinary reproduction and obstetrics I(3ECTS)

Spring Semester

Histology I (3ECTS)

Microscopic Technic (1ECTS)

Scientific Research and Ethic(6ECTS)

Immunology (2ECTS)

Veterinary reproduction and obstetrics II(3ECTS)

Mammary Gland health and Diseases in Domestic Animals(2ECTS)

FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES

Fall Semester

Business Management I(5ECTS)
Introduction to StatisticsI (4ECTS)
Mathematical Statistics I(5ECTS)
Introduction to EconometryI (5ECTS)
International Political Economy I (6ECTS)
Privatization and Regulation I (6 ECTS)
Introduction to Political Science I(6ECTS)
International Political Economy I(6ECTS)
Environment management I (6ECTS)
Privatization and regulation I (6ECTS)
International Politic Economy (6ECTS)
Public finance in developing countries. (6ECTS)
Regional development (6ECTS)
Microeconomics (6ECTS)
Macroeconomics (6ECTS)
Business management (6ECTS)
Administrative law (6ECTS)
Introduction Political Science(6ECTS)
Marketing Management (6ECTS)
Budget Policy (6ECTS)
Local Government and Finance (6ECTS)
Theory of Public Choice (6ECTS)
Economic of Taxation (6ECTS)
Foreign Trade (6ECTS)

Spring Semester

Business Management II(5ECTS)
Introduction to StatisticsII (4ECTS)
Mathematical Statistics II(5ECTS)
Introduction to EconometryII (5ECTS)
International Political Economy II (6ECTS)
Privatization and Regulation I (6 ECTS)
Introduction to Political Science II(6ECTS)
Budget Policy (6ECTS)
Local government and finance(6ECTS)
Theory of public choice (6ECTS)
Cost benefit Analysis of public Project(6ECTS)
Economics of Taxation (6ECTS)
Turkish public administration(6ECTS)
Financial management(6ECTS)
Foreign trade(6ECTS)
Environment management II (6ECTS)
Privatization and regulation II (6ECTS)
International Political Economy II(6ECTS)
Regional development(6ECTS)
Microeconomics II(6ECTS)
Macroeconomics II(6ECTS)
Business Management(6ECTS)
Adminisrative law(6ECTS)
Marketing Management(6ECTS)

SCHOOL OF TOURISM AND HOTEL MANAGEMENT

Fall Semester

Introduction and Tourism Science (5ECTS)
Tourism Sociology (5ECTS)
Tourism Economy (5ECTS)
Trasportation Services in Tourism(5ECTS)
Travel Agency and Tour Operator(5ECTS)
Tourist Guidance (5ECTS)

Spring Semester

Tourism Marketing (5ECTS)
Tourism and Environment (5ECTS)
Hotel Management (5ECTS)
Sustainable Tourism (5ECTS)
Tourism Policy And Planning (5ECTS)
Destination Management And Marketing(5ECTS)

HIGH SCHOOL OF PHYSICAL EDUCATION AND SPORTS

Fall Semester

Introduction to Educational Science(3ECTS)
Human Anatomy And Kinesiology (3ECTS)
Movement Training (3ECTS)
Rhythm education And Dance (5ECTS)
Handball (5ECTS)
Olympics(3ECTS)
Recreation (3ECTS)
Bdminton(4 ECTS)
Wrestling (4ECTS)
Judo (4ECTS)Skii(4ECTS)
Table Tennis (4ECTS)
Chess(4ECTS)Court tennis (4ECTS)

Spring Semester

Artistic Gymnastics (5ECTS)
Athleticism (5ECTS)
Outdoor Sports(4ECTS)
Natural Sports (4ECTS)
Football (4ECTS)
Falkdance (4ECTS)
Tennis (4ECTS)
Golf(4ECTS)
Karate(4ECTS)
Step-Aerobic (4ECTS)
Educational Games (4ECTS)
Volleyball (4ECTS)