

FISHERIES AND AQUACULTURE

Department	Lecturers	Codes	Courses	ECTS	Term
Fisheries and Aquaculture	Prof.Dr. Şehriban ÇEK-YALNIZ	SUM-5279	Oogenesis and Spermatogenesis in Fish	6	Autumn
Fisheries and Aquaculture	Prof.Dr. Şehriban ÇEK-YALNIZ	SUM-5382	African Catfish Culture	8	Spring
Fisheries and Aquaculture	Prof.Dr. Şehriban ÇEK-YALNIZ	SUM-5276	Marine Aquariums	6	Spring
Fisheries and Aquaculture	Prof.Dr. Şehriban ÇEK-YALNIZ	SUM-5274	Sex Reversal Techniques in Fish	6	Spring
Fisheries and Aquaculture	Prof.Dr. Şehriban ÇEK-YALNIZ	SUM-5386	Phytoandrogen and Phytoestrogens Administration to Fish	8	Spring
Fisheries and Aquaculture	Prof.Dr. Şehriban ÇEK-YALNIZ	SUM-5397	Physiology of Fish Behaviour	6	Autumn
Fisheries and Aquaculture	Prof.Dr. Şehriban ÇEK-YALNIZ	SUM-5399	Fish Endocrinology	8	Autumn
Fisheries and Aquaculture	Assist.Prof.Ayşe ÖZYILMAZ	SUM-5213	Advance Technology in Seafood Processing	6	Autumn
Fisheries and Aquaculture	Assist.Prof.Ayşe ÖZYILMAZ	SUM-5269	Canning Technology	8	Autumn
Fisheries and Aquaculture	Assist.Prof.Ayşe ÖZYILMAZ	SUM-5201	Basic Principles Storage of Seafood	8	Autumn
Fisheries and Aquaculture	Assist.Prof.Ayşe ÖZYILMAZ	SUM-5467	Seafood Lipid Chemistry	8	Autumn
Fisheries and Aquaculture	Assist.Prof.Ayşe ÖZYILMAZ	SUM-5206	MicrobialQuality Control of Seafood	8	Spring
Fisheries and Aquaculture	Assist.Prof.Ayşe ÖZYILMAZ	SUM-5454	Food Drying Techniques in Fishery Products	8	Spring
Fisheries and Aquaculture	Assist.Prof.Ayşe ÖZYILMAZ	SUM-5456	Aroma in Fishery Products	6	Spring
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5233	Stock In Fisheries	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5241	Computer-Aided Multivariate Statistical Analysis	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5461	Marine Protected Areas	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5237	Phenotypic Techniques in Stock Determination	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5341	Molecular Genetic Techniques Used to Determine Stocks and Species	6	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5501	DNA Barcoding	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5463	Ecosystem Approach to Fisheries Management	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5225	Effect of Fishing Intensity on Genetic Morphologic Behavior of Fish	6	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5227	Use Genetics in Aquaculture	6	Autumn
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5430	Gene Transfer in Fish	8	Spring
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5240	Use of Statistics in Biological Data (SPSS-SYSTAT)	8	Spring
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5242	Deep Sea Biodiversity	8	Spring
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5256	Population genetics in fisheries	8	Spring
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5256	Jellyfish and Their Ecology	6	Spring
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5450	Ecology of Marine Mammals, Turtles and Birds	6	Spring
Fisheries and Aquaculture	Prof. Dr. Cemal TURAN	SUM-5490	Environmental DNA	8	Spring
Fisheries and Aquaculture	Dr.Öğr. Üyesi Ayhan ALTUN	SUM-5492	Numeric Taksonomy Applications for Aquatic Organisms	8	Autumn
Fisheries and Aquaculture	Dr.Öğr. Üyesi Ayhan ALTUN	SUM-5523	Fossils of Aquatic Organisms	6	Spring
Fisheries and Aquaculture	Prof. Dr. Yusuf BOZKURT	SUM-5437	Conservation Methods of Gamete	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Yusuf BOZKURT		Cryopreservation of Cell and Tissue	8	Autumn
Fisheries and Aquaculture	Prof. Dr. Yusuf BOZKURT		Cryobiology	8	Spring
Fisheries and Aquaculture	Prof. Dr. Yusuf BOZKURT	SUM-5208	Sturgeon Culture	8	Spring

Fisheries and Aquaculture	Prof.Dr. M.Ayçe Genç	SUM-5343	Grouper Culture	8	Autumn
Fisheries and Aquaculture	Prof.Dr. M.Ayçe Genç	SUM-5205	Site and Species Selection in Aquaculture	8	Autumn
Fisheries and Aquaculture	Prof.Dr. M.Ayçe Genç	SUM-5293	Larval Rearing of Marine Fish	8	Autumn
Fisheries and Aquaculture	Prof.Dr. M.Ayçe Genç	SUM-5264	Sea Bream and Sea Bass Culture	8	Spring
Fisheries and Aquaculture	Prof.Dr. M.Ayçe Genç	SUM-5288	Alternative Species in Marine Fish Culture	8	Spring
Fisheries and Aquaculture	Prof.Dr. M.Ayçe Genç	SUM-5224	Yellowtail (Carangid) Culture	8	Spring
Fisheries and Aquaculture	Prof.Dr.Mehmet Fatih CAN		Structural Equation Modeling (SEM) in Ecological Studies	8	Spring
Fisheries and Aquaculture	Prof.Dr.Mehmet Fatih CAN		Project Management	8	Autumn
Fisheries and Aquaculture	Doç.Dr. Yavuz Mazlum	SUM-5305	Design and Analysis of Experiments in Aquaculture	6	Autumn
Fisheries and Aquaculture	Doç.Dr. Yavuz Mazlum	SUM-5296	Channel Catfish Culture and Management	8	Spring
Fisheries and Aquaculture	Prof.Dr. Ayşe Bahar Yılmaz	SUM-5308	Environmental Pollution Effects in Aquaculture	8	Spring
Fisheries and Aquaculture	Prof.Dr. Ayşe Bahar Yılmaz	SUM-5380	Organic Pollution in Aquatic Environment	6	Spring
Fisheries and Aquaculture	Prof.Dr. Ayşe Bahar Yılmaz	SUM-5209	Industries Pollution in water	8	Autumn
Fisheries and Aquaculture	Prof.Dr. Ayşe Bahar Yılmaz	SUM-5501	Advanced environmental chemistry	6	Autumn

CIVIL ENGINEERING

Department	Lecturers	Codes	Courses	ECTS	Term
Civil Engineering	Assoc. Prof. Dr. Hilmi COŞKUN	2025203	Advanced Engineering Economy	3	Autumn
Civil Engineering	Assoc. Prof. Dr. Hilmi COŞKUN	2025206	Materials Management in Construction	3	Spring
Civil Engineering	Prof. Dr. Umur Korkut SEVİM	2025217	Concrete Properties	7	Autumn
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025222	Advanced Soil Improvements 2	6	Spring
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025226	Advanced Soil Investigations 2	6	Spring
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025229	Advanced Soil Investigations 1	6	Autumn
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025231	Advanced Soil Improvements 1	6	Autumn
Civil Engineering	Assist. Prof. Dr. Ali DOĞAN	2025233	Theory of Plane Elasticity	8	Autumn
Civil Engineering	Assist. Prof. Dr. Hasan GÜZEL	2025283	Hydrodynamics I	8	Autumn
Civil Engineering	Assist. Prof. Dr. Mustafa ÇALIŞICI	2025242	Design and Practice of Highway Infrastructure	4	Spring
Civil Engineering	Assist. Prof. Dr. Hasan GÜZEL	2025243	Coastal Engineering I	8	Autumn
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025245	Advanced Soil Mechanics	6	Autumn
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025247	Environmental Geotechnics	6	Autumn
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025257	Design with Geosynthetics	6	Autumn
Civil Engineering	Prof. Dr. Umur Korkut SEVİM	2025258	Durability of Concrete and Reinforced Concretes	7	Spring
Civil Engineering	Assist. Prof. Dr. Mustafa ÇALIŞICI	2025267	Concrete Roadways	4	Autumn
Civil Engineering	Assist. Prof. Dr. Hasan GÜZEL	2025280	Hydrodynamics II	8	Spring
Civil Engineering	Prof. Dr. Semir ÖVER	2025285	Seismotectonic	6	Autumn
Civil Engineering	Prof. Dr. Semir ÖVER	5025287	Seismicity of Turkey	6	Autumn
Civil Engineering	Prof. Dr. Semir ÖVER	5025288	Disasters Related to Earthquakes	6	Spring
Civil Engineering	Prof. Dr. Semir ÖVER	5025289	Seismic Risk Analysis	6	Autumn

Civil Engineering	Assist. Prof. Dr. Ali DOĞAN	2025290	Boundary Element Method	8	Spring
Civil Engineering	Assist. Prof. Dr. Ali DOĞAN	2025291	Viscoelasticity	8	Autumn
Civil Engineering	Prof. Dr. Semir ÖVER	5025296	Earthquakes and Dynamic Parameters	6	Spring
Civil Engineering	Assoc. Prof. Dr. Hilmi COŞKUN	2025301	Construction Failure	4	Autumn
Civil Engineering	Assoc. Prof. Dr. Hilmi COŞKUN	2025302	Statistical Quality Control in Engineering	4	Spring
Civil Engineering	Assoc. Prof. Dr. Hilmi COŞKUN	2025303	Construction Technologies and Systems	4	Autumn
Civil Engineering	Assoc. Prof. Dr. Hilmi COŞKUN	2025304	Temporary Structures and Their Design	4	Spring
Civil Engineering	Assist. Prof. Dr. Ömer Faruk CANSIZ	2025311	Artificial Intelligent Methods for Transportation Engineering	8	Autumn
Civil Engineering	Assist. Prof. Dr. Hasan GÜZEL	2025312	Coastal Engineering II	8	Spring
Civil Engineering	Assist. Prof. Dr. Ömer Faruk CANSIZ	2025313	Statistical Methods for Transportation System	8	Spring
Civil Engineering	Assist. Prof. Dr. Ömer Faruk CANSIZ	2025314	Intelligent Optimization Technics for Transportation Engineering	8	Spring
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025315	In-situ Tests and Their Evaluation	6	Autumn
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025316	Deep Excavation and Supports	6	Spring
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025317	Engineering Properties of Soils	6	Autumn
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025318	Theoretical Soil Mechanics and Soil Models	6	Spring
Civil Engineering	Assoc. Prof. Dr. Murat ÖRNEK	2025320	Computer Applications in Geotechnical Engineering	6	Spring

ELECTRICAL AND ELECTRONIC ENGINEERING

Department	Lecturers	Codes	Courses	ECTS	Term
Electrical and Electronic Engineering	Assist. Prof. Dr. Oğuzhan AKGÖL	EEM-0001	Design of Antennas-I	5	Autumn
Electrical and Electronic Engineering	Assist. Prof. Dr. Oğuzhan AKGÖL	EEM-0002	Design of Antennas-II	5	Spring

CBRN THREATS MANAGEMENT

Department	Lecturers	Codes	Courses	ECTS	Term
CBRN Threats Management	Assist. Prof. Dr. Abdullah ÖZKAN	KBRN-503	CBRN THREATS AND HISTORY	8	Autumn
CBRN Threats Management	Assist. Prof. Dr. Kübra YAKINCI	KBRN-505	PREPARATION AND PROTECTION OF CBRN THREATS	8	Autumn
CBRN Threats Management	Assoc. Prof. Dr. Mehmet Lütfi YOLA	KBRN-507	EFFECTS AND PROTECTION METHODS OF CHEMICAL AND BIOLOGICAL AGENTS	8	Autumn
CBRN Threats Management	Prof. Dr. Mehmet Eyyuphan YAKINCI	KBRN-511	EFFECTS AND PROTECTION METHODS OF RADIATION AND NUCLEAR THREATS	8	Autumn
CBRN Threats Management	Assist. Prof. Dr. Tuğba Raika KIRAN	KBRN-513	FIRST AID AND LONG-TERM RESULTS IN CBRN DISASTERS	8	Autumn
CBRN Threats Management	Assist. Prof. Dr. Abdullah ÇALIŞKAN	KBRN-515	FUNDAMENTALS OF SCIENCE, ENGINEERING AND MEDICAL SCIENCES IN CBRN THREATS	8	Autumn
CBRN Threats Management	Assoc. Prof. Dr. Mehmet Lütfi YOLA	KBRN-525	CHEMICAL SENSORS	8	Autumn
CBRN Threats Management	Assist. Prof. Dr. Tuğba Raika KIRAN	KBRN-526	CONTAMINATED FIELDS REMEDIATION TECHNIQUES	8	Autumn
CBRN Threats Management	Assist. Prof. Dr. Tuğba Raika KIRAN	KBRN-527	CHEMICAL AGENT DETECTION TECHNIQUES	8	Autumn
CBRN Threats Management	Assist. Prof. Dr. Ergin YALÇIN	KBRN-521	PROCESS MANAGEMENT IN CBRN THREATS	5	Autumn

CBRN Threats Management	Assist. Prof. Dr. İrem ULUIŞIK	KBRN-519	TECHNOLOGICAL DISASTERS	8	Autumn
CBRN Threats Management	Prof.Dr. Cemal TURAN	KBRN-523	RISK ANALYSIS AND MANAGEMENT OF CBRN THREATS	8	Spring
CBRN Threats Management	Assoc. Prof. Dr. Volkan AYLIKCI	KBRN-514	RADIATION PROTECTION	8	Spring
CBRN Threats Management	Assist. Prof. Dr. Ergin YALÇIN	KBRN-508	TOXIC CHEMICALS	8	Spring
CBRN Threats Management	Assist. Prof. Dr. İrem ULUIŞIK	KBRN-524	DETERMINATION AND MANAGEMENT OF ENVIRONMENTAL RISKS	8	Spring
CBRN Threats Management	Assist. Prof. Dr.Tuğba Raika KIRAN	KBRN-504	INFORMATION SECURITY IN CBRN THREATS	8	Spring
CBRN Threats Management	Assist. Prof. Dr. Özlem ÇİÇEK	KBRN-506	PROJECTS AND APPLICATIONS	8	Spring
CBRN Threats Management	Prof. Dr. M. Eyyuphan YAKINCI	KBRN-518	ORGANIZATION PRINCIPLES	8	Spring
CBRN Threats Management	Assist. Prof. Dr. Nuray Küp AYLIKCI	KBRN-517	RADIATION AND NUCLEAR EFFECTS MEASUREMENT DEVICES AND METHODS	8	Spring
CBRN Threats Management	Assoc. Prof. Dr. Mehmet Lütfi YOLA	KBRN-528	BIOSENSOR TECHNOLOGIES	8	Spring
CBRN Threats Management	Assist. Prof. Dr.Tuğba Raika KIRAN	KBRN-529	BIOLOGICAL AGENT AND BIOAEROSOL DETECTION TECHNIQUES	8	Spring
CBRN Threats Management	Assist. Prof. Dr. Ergin YALÇIN	KBRN-530	CHROMOGENIC AND FLUOROGENIC PROBES FIR THE DETECTION OF ILLICIT DRUGS	8	Spring
CBRN Threats Management		KBRN-501	SEMINAR	6	Spring
CBRN Threats Management		KBRN-500	RESEARCH AREA	4	Autumn
CBRN Threats Management		KBRN-551	THESIS	26	Autumn
CBRN Threats Management		KBRN-500	RESEARCH AREA	4	Spring
CBRN Threats Management		KBRN-551	THESIS	26	Spring

MECHANICAL ENGINEERING

Department	Lecturers	Codes	Courses	ECTS	Term
Mechanical Engineering	Prof. Dr. Ahmet YAPICI	MAK-5283	Elasticity Theory	8	Autumn
Mechanical Engineering	Prof. Dr. Ahmet YAPICI	MAK-5285	Advanced Mechanics of Materials	8	Autumn
Mechanical Engineering	Prof. Dr. Ahmet YAPICI	MAK-5295	Mechanics of Composite Materials	8	Autumn
Mechanical Engineering	Prof. Dr. Ahmet YAPICI	MAK-5318	Advanced Stress Analysis	8	Spring
Mechanical Engineering	Prof. Dr. Gürel ÇAM	MAK-5233	Plastic Shaping	8	Autumn
Mechanical Engineering	Prof. Dr. Gürel ÇAM	MAK-5235	Alloy Technique	8	Autumn
Mechanical Engineering	Prof. Dr. Selçuk MISTIKOĞLU	MAK-5271	Vehicle Mechanics	8	Autumn
Mechanical Engineering	Assist. Prof. Dr. Hüseyin Turan ARAT	MAK-5306	Internal Combustion Engine	8	Autumn
Mechanical Engineering	Assist. Prof. Dr. Hüseyin Turan ARAT	MAK-5303	Advanced Turbo Engines	8	Autumn
Mechanical Engineering	Assist. Prof. Dr. Hüseyin Turan ARAT	MAK-5301	Sun Fishes and Chimneys	8	Autumn
Mechanical Engineering	Assist. Prof. Dr. Bahattin TANÇ	MAK-5218	Optimization of Fuel Cells	8	Autumn
Mechanical Engineering	Assist. Prof. Dr. Hüseyin YAĞLI	MAK-5233	Fundamentals of Energy Production	8	Autumn
Mechanical Engineering	Assist. Prof. Dr. Hasan Hüseyin BİLGİÇ	MAK-5253	Image Processing Techniques and Applications	8	Autumn
Mechanical Engineering	Assist. Prof. Dr. Kaan BALTACIOĞLU	MAK-5275	Biomass Energy, Biogas, Biofuels	8	Autumn

ENGINEERING AND TECHNOLOGY MANAGEMENT

Department	Lecturers	Codes	Courses	ECTS	Term
Engineering and Technology Management	Faculty Members	MTY 5501	Probability and Statistics in Engineering	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5502	Applied Operations Research	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5503	Decision Analysis Under Risk and Uncertainty	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5511	Engineering Economics	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5513	Management of Engineering Project	8	Autumn/ Spring

Engineering and Technology Management	Faculty Members	MTY 5522	Statistical Quality Control	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5524	Lean Manufacturing and Service Systems	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5531	Leadership and Management for Engineers	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5532	Human Factors Engineering	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5533	Human Resources Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5534	Organizational Behavior and Communication	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5541	Finance and Accounting for Engineers	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5543	Marketing in Technological Products	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5542	R & D Financing	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5544	Entrepreneurship	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5551	Strategic Technology Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5552	Product Design and Development	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5553	Production Process Design and Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5555	Information Systems and Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5557	R & D Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5560	Legal Issues in Engineering Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5562	Environmental Health and Safety Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5564	Energy Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5565	Logistics Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5567	Innovation Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5569	Job Evaluation Techniques	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5571	Productivity Management	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5573	Multi-Purpose Decision Making And Optimization Conditions	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5575	Intelligent Production Systems	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5577	Modern Management Techniques	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5579	Artificial Intelligence, Expert Systems And Decision Support Systems	8	Autumn/ Spring
Engineering and Technology Management	Faculty Members	MTY 5590	Engineering and Technology Management Project	40	Autumn/ Spring

PETROLEUM AND NATURAL GAS ENGINEERING					
Department	Lecturers	Codes	Courses	ECTS	Term
Petroleum and Natural Gas Engineering	Prof.Dr. Ergül YAŞAR	PDGM-5201	Formation Evaluation For Petroleum and Natural Gas	6	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Semir ÖVER	PDGM-5203	Advanced Reservoir Engineering	8	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Ergül YAŞAR	PDGM-5205	Production Techniques of Shale Gas	6	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Ergül YAŞAR	PDGM-5207	Advanced Natural Gas Engineering	6	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Semir ÖVER	PDGM-5209	Geophysical Methods of Petroleum Explorations-I	6	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Yakup KAR	PDGM-5211	Phase Behavior of Petroleum Reservoir Fluids	8	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Abdullah ÖZKAN	PDGM-5213	Process of Storage and Transport of Natural Gas	6	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Yakup KAR	PDGM-5215	Characterization of Petroleum and Fractions	6	Autumn
Petroleum and Natural Gas Engineering	Assoc.Dr. Yasin ERDOĞAN	PDGM-5217	Advanced Drilling Engineering	8	Autumn
Petroleum and Natural Gas Engineering	Assoc.Dr. Yasin ERDOĞAN	PDGM-5219	Advanced Geothermal Engineering	6	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Abdullah ÖZKAN	PDGM-5221	Global Energy Sources	6	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Yasin ERDOĞAN	PDGM-5223	Occupational Safety and Legislation	6	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Bayram Ali MERT	PDGM-5225	Drilling Problems and Solutions	6	Autumn

Petroleum and Natural Gas Engineering	Assist. Prof. Dr Bayram Ali MERT	PDGM-5227	Advanced Well Design-I	8	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr Bayram Ali MERT	PDGM-5229	Applications of Geostatistics and Reservoir	6	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Meryem YEŞİLOT KAPLAN	PDGM-5231	Well Logs and Correlation	8	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Meryem YEŞİLOT KAPLAN	PDGM-5233	Carbonate Petrology	6	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Meryem YEŞİLOT KAPLAN	PDGM-5235	Stratigraphy and Reservoir Quality	8	Autumn
Petroleum and Natural Gas Engineering	Prof.Dr. Semir ÖVER	PDGM-5237	Well Logs-I	8	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Abdullah ÖZKAN	PDGM-5239	Nanoscience and Nanotechnology-I	8	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. M. Kaan BALTACIOĞLU	PDGM-5241	Polision on Petroleum Technologies	8	Autumn
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. H. Turan ARAT	PDGM-5243	Thermodynamics of Hydrocarbons	8	Autumn
Petroleum and Natural Gas Engineering	Prof. Dr. Yakup KAR	PDGM-5245	Advanced Mass and Energy Balances	8	Autumn
Petroleum and Natural Gas Engineering	Department Faculty Members	PDGM-5001	Seminar	6	Autumn/ Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Abdullah ÖZKAN	PDGM-5202	Production Technology of Petroleum and Natural Gas	6	Spring
Petroleum and Natural Gas Engineering	Prof.Dr. Ergül YAŞAR	PDGM-5204	Petroleum and Natural Gas Well Development and Evaluation	8	Spring
Petroleum and Natural Gas Engineering	Prof.Dr. Ergül YAŞAR	PDGM-5206	Advanced Petroleum Geology	6	Spring
Petroleum and Natural Gas Engineering	Prof.Dr. Semir ÖVER	PDGM-5208	Geophysical Methods of Petroleum Explorations-II	6	Spring
Petroleum and Natural Gas Engineering	Prof.Dr. Yakup KAR	PDGM-5210	Advanced Heat and Mass Transfer	6	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Abdullah ÖZKAN	PDGM-5212	Thermal and Catalytic Processes in Petroleum Refining	8	Spring
Petroleum and Natural Gas Engineering	Prof. Dr. Yakup KAR	PDGM-5214	Fluid Flow in Porous Ambient	6	Spring
Petroleum and Natural Gas Engineering	Assoc.Dr Yasin ERDOĞAN	PDGM-5216	Advanced Drilling Engineering-II	8	Spring
Petroleum and Natural Gas Engineering	Assoc.Dr. Yasin ERDOĞAN	PDGM-5218	Risk Analysis in Engineering	6	Spring
Petroleum and Natural Gas Engineering	Assoc.Dr. Yasin ERDOĞAN	PDGM-5220	Petroleum Economy	6	Spring
Petroleum and Natural Gas Engineering	Assoc.Dr. Yasin ERDOĞAN	PDGM-5222	Encountered in Engineering Work and Work-Related Accidents Result	6	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Bayram Ali MERT	PDGM-5224	Advanced Well Design-II	8	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Bayram Ali MERT	PDGM-5226	Computer Aided Analytic Methods	6	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Bayram Ali MERT	PDGM-5228	Advanced Algorithm Analysis and Programming	6	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Meryem YEŞİLOT KAPLAN	PDGM-5230	Facies Modeling	8	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Meryem YEŞİLOT KAPLAN	PDGM-5232	Reservoir Sedimentology	6	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Meryem YEŞİLOT KAPLAN	PDGM-5234	Petroleum Source Rocks and Shales	6	Spring
Petroleum and Natural Gas Engineering	Prof.Dr. Semir ÖVER	PDGM-5236	Well Logs-II	8	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. Abdullah ÖZKAN	PDGM-5238	Nanoscience and Nanotechnology-II	8	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. M. Kaan BALTACIOĞLU	PDGM-5240	Polision on Petroleum Technologies	8	Spring
Petroleum and Natural Gas Engineering	Assist. Prof. Dr. H. Turan ARAT	PDGM-5242	Thermodynamics of Hydrocarbons	8	Spring
Petroleum and Natural Gas Engineering	Prof.Dr. Yakup KAR	PDGM-5244	Biofuel Technologies and Their Applications	6	Spring
Petroleum and Natural Gas Engineering	Department Lecturer	PDGM-5101	Special Area Course in Petroleum and Natural Gas Engineering	6	Autumn/ Spring
Petroleum and Natural Gas Engineering	Department Lecturer	PDGM-5151	Thesis Work	24	Autumn/ Spring

METALLURGICAL AND MATERIALS ENGINEERING

Department	Lecturers	Codes	Courses	ECTS	Term
Metallurgical and Materials Engineering	Department Lecturer	MMM 501	Specialization Area for MSc	4	Autumn/ Spring
Metallurgical and Materials Engineering	Department Lecturer	MMM 502	Thesis	26	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 503	Heat Treatment Principles of Metals	8	Autumn/ Spring

Metallurgical and Materials Engineering	Assoc. Dr. Volkan AYLIKÇI	MMM 504	Advanced Polymer Technology	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 505	Advanced Powder Metallurgy	8	Autumn/ Spring
Metallurgical and Materials Engineering	Prof. Dr. M. Eyyuphan YAKINCI	MMM 506	Composite Material Technology	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 508	Phase Transformations	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 509	Advanced Materials	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Fulaya KÖSEOĞLU	MMM 510	Nanotechnology	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 511	Advanced Metallurgical Thermodynamics	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ali GÜNEN	MMM 512	Advanced Welding Techniques	8	Autumn/ Spring
Metallurgical and Materials Engineering	Prof. Dr. Tolga DEPCİ	MMM 513	Solid State Reactions in Ceramics	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 514	Finite Element Method	8	Autumn/ Spring
Metallurgical and Materials Engineering	Prof. Dr. M. Eyyuphan YAKINCI	MMM 515	Physical Properties of Materials	8	Autumn/ Spring
Metallurgical and Materials Engineering	Prof. Dr. Tolga DEPCİ	MMM 516	Glass and Glass-ceramic Technology	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assoc. Dr. Volkan AYLIKÇI	MMM 517	Solid State Physics for Material Technology	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ali GÜNEN	MMM 518	Nano-materials and Surface Engineering	8	Autumn/ Spring
Metallurgical and Materials Engineering	Prof. Dr. M. Eyyuphan YAKINCI	MMM 519	Material Characterization Techniques	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assoc. Dr. Volkan AYLIKÇI	MMM 520	Electroceramic Materials	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ömer Saltuk BÖLÜKBAŞI	MMM 521	Non-Ferrous Production Metallurgy	8	Autumn
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ömer Saltuk BÖLÜKBAŞI	MMM 522	Advanced Iron and Steel Production Technologies	8	Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ömer Saltuk BÖLÜKBAŞI	MMM 523	Advanced Hydrometallurgy	8	Autumn
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ömer Saltuk BÖLÜKBAŞI	MMM 524	New Evaluation Methods of Metallurgical Wastes	8	Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ömer Saltuk BÖLÜKBAŞI	MMM 525	Refractory Materials	8	Autumn
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ali GÜNEN	MMM 526	Plastic Material Technology	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 528	Solidification of Metal and Alloys	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ali GÜNEN	MMM 529	Plastic Deformation	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ali GÜNEN	MMM 530	Thermal Spray Coatings	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assoc. Dr. Volkan AYLIKÇI	MMM 531	Theory of Elasticity	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Fulaya KÖSEOĞLU	MMM 532	Optical Properties of Solids	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Fulaya KÖSEOĞLU	MMM 533	Diffusion in Solids	8	Autumn/ Spring
Metallurgical and Materials Engineering	Prof. Dr. M. Eyyuphan YAKINCI	MMM 534	Magnetic Properties of Solids	8	Autumn/ Spring
Metallurgical and Materials Engineering	Assist. Prof. Dr. Ersin BAHÇECİ	MMM 535	Scientific Research Technics and Publication Ethics	8	Autumn/ Spring