2024-2025 Academic Year
List of Courses Offered in Foreign Language
2024-2025 Akademik Yılı
Yabancı Dilde Açılacak Dersler Listesi

Faculty of Engineering
Mühendislik Fakültesi

	Department *Bölüm*	Course Code *Ders Kodu*	ECTS *AKTS*	Course Title *Dersin Adı*	Semester *Dönem*	Course Content *Dersin İçeriği*	Academic Staff *Dersi Veren Öğretim Elemanı*	Online Available *Çevrimiçi*
1	Çevre Mühendisliği *Environmental Engineering*	ÇEV 151	3	Basic Computer and Algorithm	Güz *Fall*	This course aims to teach students the use of basic office programs on computers for scientific research and the concept of algorithms by providing them with problem-solving skills.	Res.Asst.Dr. Ahmet M. TEPE	No
2	Çevre Mühendisliği *Environmental Engineering*	ÇEV 153	5	Introduction to Environmental Engineering	Güz *Fall*	This course aims to create awareness and professional approach about basic knowledge in undergraduate education such as water pollution, air pollution, control of solid waste.	Prof. Dr. Ayşe MUHAMMETOĞLU	No
3	Çevre Mühendisliği *Environmental Engineering*	ÇEV 173	5	General Chemistry	Güz *Fall*	This course focuses on need of chemistry, definition of atom, chemical compounds, basic of gas laws, intermolecular forces and reactions in aquous solutions.	Assist. Prof. Dr. Fatih YILMAZ	No
4	Çevre Mühendisliği *Environmental Engineering*	ÇEV 183	4	Technical English I	Güz *Fall*	The aim of the course is to define the basic technical knowledge and terms related to professional subjects in Environmental Engineering undergraduate education.	Assoc. Prof. Dr. Firdes YENİLMEZ	No
5	Çevre Mühendisliği *Environmental Engineering*	ÇEV 251	4	Fundamentals of Environmental Engineering	Güz *Fall*	This course aims to provide basic understanding on the theoretical background of Environmental Engineering processes and to introduce the basic concepts of physical, chemical and biological processes.	Assoc. Prof. Dr. Murat VAROL	No
6	Çevre Mühendisliği *Environmental Engineering*	ÇEV 253	4	Environmental Chemistry	Güz *Fall*	This course aims to bring basic knowledge on the theory of environmental chemistry in basic engineering education.	Assoc. Prof. Dr. Ayça ERDEM	No
7	Çevre Mühendisliği *Environmental Engineering*	ÇEV 353	4	Physical Unit Operations	Güz *Fall*	This course aims to give information on principles and design of physical unit operations in environmental engineering mainly used in water and wastewater treatment.	Assoc. Prof. Dr. Çiğdem MORAL	No
8	Çevre Mühendisliği *Environmental Engineering*	ÇEV 457	5	Air Pollution Control	Güz *Fall*	This course aims to introduce air pollutant control devices used in industry.	Assoc. Prof. Dr. Murat VAROL	No
9	Çevre Mühendisliği *Environmental Engineering*	ÇEV 461	5	Air Pollution Modelling	Güz *Fall*	This course focuses on use of models to predict plume dispersion and to predict ambient atmosphere contribution of pollutants	Assoc. Prof. Dr. Güray DOĞAN	No
10	Çevre Mühendisliği *Environmental Engineering*	ÇEV 156	3	Computer Programming	Bahar *Spring*	The course is designed to provide basic knowledge on computer programming. Students will be able to solve basic problems by using programming language.	Res.Asst.Dr. Ahmet M. TEPE	No
11	Çevre Mühendisliği *Environmental Engineering*	ÇEV 160	2	Analytical Chemistry	Bahar *Spring*	This course aims to introduce basic knowledge and concepts to make necessary qualitative and quantitative chemical analysis.	Assist. Prof. Dr. Fatih YILMAZ	No
12	Çevre Mühendisliği *Environmental Engineering*	ÇEV 184	4	Technical English II	Bahar *Spring*	The aim of the course is to define the basic technical knowledge and terms related to professional subjects in Environmental Engineering undergraduate education.	Assoc. Prof. Dr. Firdes YENİLMEZ	No
13	Çevre Mühendisliği *Environmental Engineering*	ÇEV 252	4	Hydrology	Bahar *Spring*	This course aims to define main factors affecting spatial and temporal distribution of water in surface and determine amount water available in a place and time.	Prof. Dr. Hasan MERDUN	No
14	Çevre Mühendisliği *Environmental Engineering*	ÇEV 254	5	Environmental Chemistry Laboratory	Bahar *Spring*	This course introduces the environmental chemistry laboratory applications such as units, data processing and analysis; sample preparation; analysis methods.	Assoc. Prof. Dr. Ayça ERDEM	No
15	Çevre Mühendisliği *Environmental Engineering*	ÇEV 328	4	Bioconversion of Wastes	Bahar *Spring*	This course aims to give knowledge on the microbial species, pretreatment methods and bioconversion processes used for production of biofuels and value added products from solid and liquid wastes.	Prof. Dr. Aslı Seyhan ÇIĞGIN	No

16	Çevre Mühendisliği *Environmental Engineering*	ÇEV 352	5	Fundamentals of Air Pollution	Bahar *Spring*	This course aims to give basic knowledge on the air pollution problems and on preventive measures for air pollution.	Assoc. Prof. Dr. Güray DOĞAN	No
17	Çevre Mühendisliği *Environmental Engineering*	ÇEV 354	5	Water Treatment	Bahar *Spring*	This course aims to identification and design of unit operations and processes which are used to obtain waters in drinking water quality from different water sources.	Assoc. Prof. Dr. Çiğdem MORAL	No