



2025-2026 Academic Year
List of Courses Offered in Foreign Language
2025-2026 Akademik Yılı
Yabancı Dilde Açılacak Dersler Listesi

Faculty of Engineering
Mühendislik Fakültesi

	Department <i>Bölüm</i>	Course Code <i>Ders Kodu</i>	ECTS <i>AKTS</i>	Course Title <i>Dersin Adı</i>	Semester <i>Dönem</i>	Course Content <i>Dersin İçeriği</i>	Academic Staff <i>Dersi Veren Öğretim Elemanı</i>	Online <i>Available</i> <i>Çevrimiçi</i>
1	Environmental Engineering	ÇEV 151	3	Basic Computer and Algorithm	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.	Assist. Prof. Dr. Fatih Yılmaz	No
2	Environmental Engineering	ÇEV 153	5	Introduction to Environmental Engineering	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	Environmental Engineering	ÇEV 173	5	General Chemistry	Fall	This course focuses on need of chemistry, definition of atom, chemical compounds, basic of gas laws, intermolecular forces and reactions in aqueous solutions.	Assist. Prof. Dr. Fatih Yılmaz	No
4	Environmental Engineering	ÇEV 183	4	Technical English I	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 Yenilmez	No
5	Environmental Engineering	ÇEV 251	4	Fundamentals of Environmental Engineering	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	Environmental Engineering	ÇEV 253	4	Environmental Chemistry	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	Environmental Engineering	ÇEV 353	4	Physical Unit Operations	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	Environmental Engineering	ÇEV 457	4	Air Pollution Control	Fall	This course aims to introduce air pollutant control devices used in industry.	Assoc. Prof. Dr. Murat Varol	No
9	Environmental Engineering	ÇEV 461	4	Air Pollution Modelling	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	Environmental Engineering	ÇEV 160	2	Analytical Chemistry	Spring	This course aims to introduce basic knowledge and concepts to make necessary qualitative and quantitative chemical analysis.	Assist. Prof. Dr. Fatih Yılmaz	No
11	Environmental Engineering	ÇEV 184	4	Technical English II	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 Yenilmez	No
12	Environmental Engineering	ÇEV 252	4	Hydrology	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
13	Environmental Engineering	ÇEV 254	5	Environmental Chemistry Laboratory	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
14	Environmental Engineering	ÇEV 328	4	Bioconversion of Wastes	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 Çığgın	No
15	Environmental Engineering	ÇEV 352	5	Fundamentals of Air Pollution	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
16	Environmental Engineering	ÇEV 354	5	Water Treatment	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