



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

Institute of Natural and Applied Sciences
Fen Bilimleri Enstitüsü

	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	Agricultural Structures and Irrigation <i>Tarımsal Yapılar ve Sulama</i>	TYS 381	6 ECTS (2+2)	Hydrology	Winter/ Spring	Hydrological cycle; Climatic factors effecting hydrology; precipitation; Streamflow; Evaporation and transpiration; Groundwater hydrology; Statistical methods used in hydrology.	Prof.Dr. Dursun BÜYÜKTAŞ	
2	Agricultural Structures and Irrigation <i>Tarımsal Yapılar ve Sulama</i>	TYS 382	6 ECTS (2+2)	Basic Principles of Irrigation Engineering	Winter/ Spring	Soil-water-plant relations; Evapotranspiration; Irrigation water requirements; Irrigation systems; Irrigation methods.	Prof.Dr. Dursun BÜYÜKTAŞ	
3	Agricultural Structures and Irrigation <i>Tarımsal Yapılar ve Sulama</i>	TYS 383	6 ECTS (2+2)	Irrigation Water Quality and Salinity	Winter/ Spring	Introduction; Water Composition and Salinity Measurement; Plant Response to Salinity and Crop Tolerance; Sodicity and Water Infiltration; Assessing Water Quality and Soil Sampling; Soil Salinity Patterns and Irrigation Methods; Managing Salinity and Reclaiming Soil; Subsurface Drainage.	Prof.Dr. Ahmet KURUNÇ	
4	Agricultural Structures and Irrigation <i>Tarımsal Yapılar ve Sulama</i>	TYS 384	3 ECTS (2+0)	Agriculture and Environment	Winter/ Spring	EU Common Agricultural Policy and Environment; Agriculture and pollution; Nitrates and nitrogen loss; Phosphorus and pollution; Soil erosion; Organic wastes; Gaseous emissions; Pesticides; Genetic modification; Policy strategies for reducing pollution	Prof.Dr. Ahmet KURUNÇ	