



2023-2024 Academic Year
List of Courses Offered in Foreign Language

Institute of Science
Fen Bilimleri Enstitüsü

	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 Available <i>Çevrimiçi</i>
1	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS303	6	Hydrology	Güz/Bahar <i>Fall/Spring</i>	Hydrological cycle; Climatic factors effecting hydrology; precipitation; Streamflow; Evaporation and transpiration; Groundwater hydrology; Statistical methods used in hydrology.	Prof. Dr. Dursun BÜYÜKTAŞ	
2	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS304	6	Basic Principles of Irrigation Engineering	Güz/Bahar <i>Fall/Spring</i>	Soil-water-plant relations; Evapotranspiration; Irrigation water requirements; Irrigation systems; Irrigation methods.	Prof. Dr. Dursun BÜYÜKTAŞ	
3	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS305	6	Irrigation Water Quality and Salinity	Güz/Bahar <i>Fall/Spring</i>	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	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS306	3	Agriculture and Environment	Güz/Bahar <i>Fall/Spring</i>	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	