



**2023-2024 Academic Year**  
**List of Courses Offered in Foreign Language**  
**2023-2024 Akademik Yılı**  
**Yabancı Dilde Açılacak Dersler Listesi**

**Faculty/Institute/Vocational School of/School of.....**  
**Faculty of Agriculture *Fakültesi/Enstitüsü/MYO/Yüksekokulu***

	<b>Department</b> <i>Bölüm</i>	<b>Course Code</b> <i>Ders Kodu</i>	<b>ECTS</b> <i>AKTS</i>	<b>Course Title</b> <i>Dersin Adı</i>	<b>Semester</b> <i>Dönem</i>	<b>Course Content</b> <i>Dersin İçeriği</i>	<b>Academic Staff</b> <i>Dersi Veren Öğretim Elemanı</i>	<b>Online Available</b> <i>Çevrimiçi</i>
1	Agricultural Structures and Irrigation Department	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	No
2	Agricultural Structures and Irrigation Department	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	No
3	Agricultural Structures and Irrigation Department	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	No
4	Agricultural Structures and Irrigation Department	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	No