



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

**Faculty of Agriculture**  
***Ziraat Fakültesi***

	<b>Department</b> <b><i>Bölüm</i></b>	<b>Course Code</b> <b><i>Ders Kodu</i></b>	<b>ECTS</b> <b><i>AKTS</i></b>	<b>Course Title</b> <b><i>Dersin Adı</i></b>	<b>Semester</b> <b><i>Dönem</i></b>	<b>Course Content</b> <b><i>Dersin İçeriği</i></b>	<b>Academic Staff</b> <b><i>Dersi Veren Öğretim Elemanı</i></b>	<b>Online Available</b> <b><i>Çevrimiçi</i></b>
1	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS 381	6 ECTS (2+2)	Hydrology	Güz / Bahar <i>Winter/ Spring</i>	Hydrological cycle; Climatic factors effecting hydrology; precipitation; Streamflow; Evaporation and transpiration; Groundwater hydrology; Statistical methods used in hydrology.	Prof. Dr. Dursun BÜYÜKTAŞ dbuyuktas@akdeniz.edu.tr +90 242 310 2473 Dahili: 2473	<b>X</b>
2	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS 382	6 ECTS (2+2)	Basic Principles of Irrigation Engineering	Güz / Bahar <i>Winter/ Spring</i>	Soil-water-plant relations; Evapotranspiration; Irrigation water requirements; Irrigation systems; Irrigation methods.	Prof. Dr. Dursun BÜYÜKTAŞ dbuyuktas@akdeniz.edu.tr +90 242 310 2473 Dahili: 2473	<b>X</b>
3	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS 383	6 ECTS (2+2)	Irrigation Water Quality and Salinity	Güz / Bahar <i>Winter/ Spring</i>	Introduction; Water Composition and Salinity Measurement; Plant Response to Salinity and Crop Tolerance; Sodicty 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 akurunc@akdeniz.edu.tr +90 242 310 2468	<b>X</b>
4	Tarımsal Yapılar ve Sulama <i>Agricultural Structures and Irrigation</i>	TYS 384	3 ECTS (2+0)	Agriculture and Environment	Güz / Bahar <i>Winter/ 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 akurunc@akdeniz.edu.tr +90 242 310 2468	<b>X</b>