



2026-2027 Academic Year
List of Courses Offered in Foreign Language
2026-2027 Akademik Yılı
Yabancı Dilde Açılacak Dersler Listesi

Institute of Natural and Applied Sciences
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	Horticulture <i>Bahçe Bitkileri</i>	BBB7045	8	Turfgrass Genetics and Breeding	Fall	The aims of this course are to give an overview of the origin, adaptations, biology, genetic and breeding of turfgrasses with wide scale economic importance. Breeding techniques and genetic structure of each species will be given with up to date on the progress that has been made.	Prof. Dr. Songül Sever Mutlu	no
2	Horticulture <i>Bahçe Bitkileri</i>	BBB-7046	8	Stress Physiology of Horticultural plants	Spring	This course will teach the abiotic and biotic stress mechanisms and physiological principles as they relate to propagation, cultivation and postharvest quality of horticultural crops. Topics will include the meaning of stress, types of stresses (drought, salinity, high temperature, chilling, freezing, etc). Moreover, the effects of genetics, environmental factors and the cultural practices used plant production and cultivation on biotic and abiotic stress tolerance will be discussed.	Prof. Dr. Songül Sever Mutlu	no
3	Horticulture <i>Bahçe Bitkileri</i>	BBB7043	8	Physiology of Ornamental Plants	Fall	This course will cover and teach the physiological principles as they relate to ornamental plants propagation, production and management (indoor and outside). Therefore the objectives are to discuss theoretical information first regarding all related physiological processes, biotic and abiotic stress tolerances in ornamental plants and how cultural practices like irrigation, pruning, mowing, fertilization, and plant growth regulators and bio-stimulants affect ornamental plants response to these processes.	Prof. Dr. Songül Sever Mutlu	no
4	Horticulture <i>Bahçe Bitkileri</i>	BBB5046	6	Turfgrass production and Management	Spring	The aims of this course are to give an overview of the turfgrasses and turf industry as an important part of ornamental plant Industry, showing its relative size and the opportunities available to people knowledgeable in turf practices, to teach techniques of sod, seed and plug production, the importance and benefits of turf areas, how to select, establish and maintain quality and sustainable turf grass areas. The main principles regarding turfgrass production and turf management will be supported with the up to date turf studies.	Prof. Dr. Songül Sever Mutlu	no