

University of Montenegro Biotechnical faculty, Montenegro	
MSc; BSc level	BSc Level
Study Course	Mediterranean fruit growing
Module	Mediterranean ornamental plants
Type of Module (mandatory; compulsory/elective)	elective
ECTS credits	5
Prerequisites; condition	no
Learning objectives; Aims	To introduce students with the types and methods of growing decorative Mediterranean plants, the production of reproductive material, erecting hedges and laying lawns. introduce students to the basic principles of agroforestry; ornamental Mediterranean plants in agroforestry systems.
Learning outcomes	The student will be able to: recognize the most important species of ornamental plants; apply knowledge and skills in the propagation of ornamental plants; suggest the optimal ways of growing ornamental plants in the Mediterranean conditions of Montenegro; recognize the importance of agroforestry, and the possibilities of using ornamental plants in agroforestry systems.; organizes maintenance of gardens.
Course Contents; Overview	<p>Theoretical part: Ornamental plants: importance and application possibilities. Basic division of ornamental plants. Ornamental plants on the Mediterranean. The origin of ornamental plants; Ornamental trees and shrubs of the Mediterranean. Basic division, coniferous species and evergreen broad-leaved trees. Use and ecological characteristics of these species; Indigenous species of evergreen broadleaves trees in greening. Ecology and significance; The most abundant /important species of introduced evergreen broadleaves on the Adriatic coast; The most important species of introduced deciduous trees on the Adriatic coast; Palm trees. Their Ecological and morphological characteristics, use; Roses, use and classification; Hedges, plant species for hedges. Types of hedges; Lawns according to purpose; Raising the lawn, sodding;</p> <p>Agroforestry, definition and significance. Main agroforestry systems; Field protective belts in agroforestry in Mediterranean and submediterranean conditions, function and importance for the crops. Ornamental trees in field protective belts. Ornamental trees in apiculture. Flowering species: importance and possibilities of application. Basic division of flowering species; Autochthonous flowering plants, and honey-bearing flowering plants. Perennial flowering species and bulbous species; Seasonal flowers (annual and biennial flowers); Potted flowers, cut flowers.</p> <p>Practical: Morphological characteristics of chosen species (from different categories of ornamental plants); The method of erecting hedges. Problems with their maintenance; Basic types of grasses, grass mixtures, maintenance; Forest vegetation in Montenegro; Indigenous flower species.</p>
Literature	M.Radulović: Ukrasno mediteransko bilje (Skripta), 1-119, 2015;

	<p>(Ornamental Mediterranean plants) Vukićević E., 1996: Dekorativna dendrologija, Univerzitet u Beogradu, Šumarski fakultet, Beograd (Decorative dendrology); Lazarević S., 2000. Gajenje i razmnožavanje baštenskog cveća (Breeding and propagation of garden plants), Mala poljoprivredna apoteka, Nolit, Beograd; Cvijanović D., Bukvić R., Lazarević S., Popović S., Simonovć V., Vujošević A., 2005, Revitalizacija i unapređenje proizvodnje cveća (Revitalization and enhancement of flower production), Institut za ekonomiku poljoprivrede, Šumarski fakultet, Poljoprivredni fakultet, Beograd; Đurovka M., Lazić B., Bajkin A., Potkonjak A., Marković V., Ilin Ž., Todorović V., 2006, Proizvodnja povrća i cveća u zaštićenom prostoru (Production of vegetables and flowers in a protected areas/ under protected condition? , Poljoprivredni fakultet Novi Sad, Poljoprivredni fakultet, Banja Luka.</p> <p>Nair P.K.R. (1993): <i>An Introduction to Agroforestry</i>. Kluwer Academic Publishers, ICRAF</p> <p>Dožić, S., Lujčić, R. (2005): Šumske melioracije [<i>Forest amelioration</i>], autorizovana skripta, Univerzitet u Beogradu</p>
Students Workload	<p>Lectures: 2 hours per week (13 weeks) Practical: 1 hours per week</p>
Teaching and learning activity/methods	<p>Frontal teaching, student-centred learning where students are given certain tasks or chapters that they need to know.. Practical work where students learn about morphological characteristics of plant species; field visit of ornamental plants nurseries.</p>
Assesment	<p>Practical exam : 40 Seminar/trm paper:10 (seminarski) Oral exam: 50</p>