Course Unit Descriptor

Study Programme: Fruit science, Viticulture and Horticulture – module Nursery production

Course Unit Title: Grapevine cultivars

Course Unit Code: 19.VI1020

Name of Lecturer(s): Full professor Dragoslav Ivanišević, Assistant professor Mladen Kalajdžić

Type and Level of Studies: Undergraduate

Course Status (compulsory/elective): compulsory

Semester (winter/summer):summer

Language of instruction: Serbian

Mode of course unit delivery (face-to-face/distance learning): face to face

Number of ECTS Allocated: 4

Prerequisites: passed exams related to grapevine science in the previous semeseters

Course Aims:

Acquiring knowledge about the origin, distribution, biological and production traits of already grown and newly created white and red grapevine varieties, as well as table grapes and seedless varieties of grapevines, and rootstocks.

Learning Outcomes:

Students should be able to identify the varieties, make a proper selection of grapevine varieties and rootstocks in accordance with the requirements of modern viticulture and winemaking practices and agro-ecological conditions.

Syllabus:

Theory

The importance of cultvars in viticulture. The classification of grapevine varieties according to their origin, purpose and ripening time. Ampelography collection. Assortment of the leading wine-growing countries in the world. The basic characteristics of the wine and table grape varieties. Cultivated varieties. Cultivars of importance for collections. White wine varieties for premium, high quality and ordinary wines. Red wine varieties by categories of quality. Indigenous, domesticated, introduced, newly created wine and table grape varieties. Interspecies wine and table grape varieties. Table grape varieties by ripening time. Seedless table grape varieties. Rootstocks.

Practice

Methods for determination of varieties based on morphological characteristics. Ampelometric measurements, the application of descriptor of the OIV, IBPGR, UPOV, the implementation of the software Super Ampelo. The study of biological and production characteristics of the varieties using the appropriate methods of ampelographic analysis. At the ampelography collection in Sremski Karlovci students will have the opportunity to face with all the cultivars which are subjects covered by this program.

Required Reading:

Cindrić, P., Korać, Nada, Kovač, V.	Sorte vinove loze (Metode i rezultati ispitivanja)	Prometej, Novi Sad	2000
Žunić. D., Garić, M.	Posebno vinogradarstvo. Ampelografija 2	Univerzitet u Beogradu, Poljoprivredni fakultet, Beograd - Zemun	2010
Hajdu, E., Cindrić, P.	Sorte vinove loze, sadni material I bolesti	Agroinform, Budimpešta	2011

Weekly Contact Hours:	**Lectures:2**	**Practical work:2**

Teaching Methods:

Knowledge Assessment (maximum of 100 points):

Pre-exam obligations	points	**Final exam**	points
Active class participation	10	written exam	30

Practical work		oral exam	40
Preliminary exam(s)		…….	
Seminar(s)	20		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			