

Study programme: General Agronomy			
Type and level of study: Bachelor's degree (240 ECTS) – First cycle			
Course title: General Viticulture			
Lecturer: Prof. Mladen Garić, PhD, Vera Vukosavljević			
Language of instruction: English			
ECTS credits: 8			
Prerequisite:			
Semester: <i>summer</i>			
Course objectives To provide basic knowledge of biological characteristics of grapevine, grapevine x environment interactions, intensive vine cultivation systems, cultural practices, biological basis of grape storage.			
Learning outcomes Upon successful completion of the course, the student will be able to identify and understand phenomena, events and changes during the annual biological growth cycle of the grapevine, analyse and properly assess existing environmental conditions and suitability for vinegrowing in a particular environment, and choose an adequate cultivation system based on biological requirements and on the analysis of environmental conditions.			
Course contents <i>Theoretical instruction</i> Grapevine biology. Grapevine ecology. Grapevine propagation. Vineyard establishment. Vineyard management practices during growing productivity and full cropping stages. Grape harvest, packaging and storage. Production of white, black and rosé wines. <i>Practical instruction</i> Grapevine root. Grapevine trunk. Grapevine shoot. Grapevine leaf. Grapevine buds. Grapevine tendril. Grapevine inflorescence and flower. Cluster, berry and seed. Grapevine propagation (generative propagation, vegetative propagation and micropropagation). Grapevine grafting methods. Vine training systems. Grapevine cultivars.			
Recommended reading Albert Julius Winkler, James A Cook, W M Kliewer, Lloyd A Lider. (1987): General Viticulture. University of California, Berkeley, p. 710 (ISBN 0520025911 9780520025912, OCLC Number 709548472). Kozma P., Nyéki M., Szabó Z. (2003): Floral biology, pollination and fertilisation in temperate zone fruit species and grape, Akadémiai Kiadó, Budapest.			
Hours of active teaching			Other classes
Lectures:	Practicals: 4x15	Other forms of teaching <i>Tutorials</i> 2x15	
Teaching methods Lectures, practicals (practice room and field work), interactive teaching, progress tests, midterm tests, individual work, oral examination			
Assessment (maximum points 100)			
Examination requirements	Points	Final examination	Points
Class participation	20	oral examination	
Practical sessions/tests	30	written examination	50
Term paper assignments/homework		
Project			
Other			
Grading system			
Grade	ECTS	Description	
10	91-100	Excellent	
9	81-90	Exceptionally good	
8	71-80	Very good	
7	61-70	Good	
6	51-60	Passing	
5	≤50	Failing	