

NAME OF THE COURSE		Plant Cultivation				
Code	PMBN31	Year of study	3			
Course teacher	Higher lecturer Juraj Kamenjarin, PhD	Credits (ECTS)	2			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
			30			
Status of the course	Elective	Percentage of application of e-learning	10			
COURSE DESCRIPTION						
Course objectives	Acquiring knowledge and skills about reproduction, cultivating, collecting and processing of indigenous species such as edible, medicinal and pot herbs and horticultural plants; possibilities of introduction of subtropical and tropical plants. Information about differences and similarities of medicinal, poisonous and herbal substances and their chemistry and application in industry. Introduction to the cultivation of plants depending on environmental factors.					
Course enrolment requirements and entry competences required for the course	No conditions					
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>Students will be able to:</p> <ol style="list-style-type: none"> gaining knowledge of plant cultivation, understanding cultivation depending on environmental factors, introducing with technologies and methods of cultivation, adopting reasons for ecological ie. organic cultivating, the application of this knowledge in gardening, agriculture and pharmacology. 					
Course content broken down in detail by weekly class schedule (syllabus)	<p>Lectures:</p> <ol style="list-style-type: none"> Introduction to plant cultivation. (3 hours) Soil. (3 hours) Abiotic and biotic environmental factors in the life of plants. (3 hours) Reproduction of plants. (3 hours) Medicinal and pot herbs. (3 hours) Vegetables. Fruits. (3 hours) Horticultural plants. (3 hours) Diversity and similarity of medicinal, poisonous and herbal substances and their chemistry. (3 hours) Use in industry. (3 hours) Plant cultivation depending on environmental factors. (3 hours) 					
Format of instruction	<input checked="" type="checkbox"/> lectures <input type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> <i>on line</i> in entirety <input type="checkbox"/> partial e-learning		<input type="checkbox"/> independent assignments <input type="checkbox"/> multimedia <input type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> (other)			

	<input type="checkbox"/> field work					
Student responsibilities						
Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)	Class attendance	2,0	Research		Practical training	
	Experimental work		Report		(Other)	
	Essay		Seminar essay		(Other)	
	Tests		Oral exam		(Other)	
	Written exam		Project		(Other)	
Grading and evaluating student work in class and at the final exam	students take an oral exam					
Required literature (available in the library and via other media)	Title			Number of copies in the library	Availability via other media	
	J. Kamenjarin (2016): Uzgoj bilja. PPP of lectures				Available on line and at teacher	
	J. Kamenjarin (2016): Uzgoj bilja. University script				Available at teacher in print and electronic form	
Optional literature (at the time of submission of study programme proposal)	M. Biggs, J. McVicar, B. Flowerdew (2005). Enciklopedija voća, povrća i začinskog bilja. Uliks. Rijeka. I. Penzar, B. Penzar (2000). Agrometeorologija. Školska knjiga. Zagreb					
Quality assurance methods that ensure the acquisition of exit competences	Active participation at class, evaluation of subjects and teachers, consultations					
Other (as the proposer wishes to add)						