

Course Unit Descriptor

Study Programme: Precision Agriculture			
Course Unit Title: Advanced systems for processing agricultural products			
Course Unit Code: 19.PRP016			
Name of Lecturer(s): Associate professor Milivoj Radojčin, Assistant professor Zoran Stamenković			
Type and Level of Studies: Master			
Course Status (compulsory/elective): Elective			
Semester (winter/summer): Winter			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 5			
Prerequisites: None			
Course Aims: Introducing students to advanced principles and technical systems of processing agricultural products.			
Learning Outcomes: Training students to use and recognize the possibilities of processing agricultural and other materials.			
Syllabus: Getting to know the methods used in agriculture to increase production and preserve product quality. Familiarization with methods of improving seed production, treatment of seeds and other granular agricultural products, new techniques of preparation for storage of agricultural products, application of sensors, optical systems for processing. Acquaintance with material properties important in finishing processes. Getting to know the system, methods and techniques of processing agricultural products. Preparation of a seminar paper			
Required Reading:			
Weekly Contact Hours:	Lectures: 2	Practical work: 2	
Teaching Methods: Theoretical teaching is conducted using computer presentations with oral presentations. During the practical classes, the material from the classes is clarified, demonstrations and laboratory exercises are organized. presentation. Practical classes are conducted using a computer and involve the creation of a project assignment.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation		written exam	
Practical work		oral exam	50
Preliminary exam(s)		
Seminar(s)	50		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			