

Course Unit Descriptor

Study Programme: Soil, plant and genetics. Module: Field crop production			
Course Unit Title: Production of industrial crops			
Course Unit Code: 19.ZB3002			
Name of Lecturer(s): Prof. Jovan Crnobarac, PhD; Assoc. Prof. Goran Jaćimović, PhD; Prof. Dragana Latković, PhD			
Type and Level of Studies: Master Academic Studies			
Course Status (compulsory/elective): Compulsory			
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: 6			
Prerequisites: Agroecology and protection of the agroecosystem			
Course Aims: The aim of the course is to students learn how to achieve higher and stable yields of good quality with satisfactory profitability in Serbia or similar environment and conservation of agroecosystems.			
Learning Outcomes: After the completed field exercises in specific production conditions and written seminar papers students will be able to understand the relationships between requirements of plants and real production conditions. Thus will be able to analyse the production success and the creation of production technology.			
Syllabus: <i>Theory</i> Next main field crops will be studied: sunflower, rapeseed, sugar beet, potatoes, tobacco, hops. In the teaching process, special attention will be paid to the growing technologies. In addition to theoretical teaching (and consultation), teaching will be held by preparing seminar papers too. <i>Practical work</i> Exercises of the course will consist of practical work in the field under production conditions on actual jobs performed at a given moment. Upon completion of the exercises, students will have to write a seminar paper with a detailed description: what has been done, which the failure was made and why that occurred.			
Required Reading: John H. Martin, Richard P. Waldren, David L. Stamp: Principles of Field Crop Production, Pearson Education Inc., Upper Saddle River, New Jersey, Columbus, Ohio, USA, 2006. Bharat P. Singh: Industrial Crops and Uses. Fort Valley State University, Georgia, USA, CAB International, 2010. Internet and digital sources: Thematic international journals and lecture notes of professor.			
Weekly Contact Hours: 4	Lectures: 45	Practical work: 15	
Teaching Methods: Lectures and students group work and consultations.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	10	oral exam	20
Practical classes	20		
Colloquium	20		
Seminar papers	15+15		