Course Unit Descriptor

Study Programme: Agronomy	
Course Unit Title: Forests stands and forest ecology	
Course Unit Code: 19.AGR094	
Name of Lecturer(s): Galić A. Zoran	
Type and Level of Studies: PhD studies	
Course Status (compulsory/elective): elective	
Semester (winter/summer): summer	
Language of instruction: English	
Mode of course unit delivery (face-to-face/distance learning): distance learning	
Number of ECTS Allocated: 7	
Prerequisites:	
Course Aims: Necessity of knowing the components of abiotic and biotic factors in forest ecosystems in the changed condition. In recent decades there are significant changes in environmental factors due to climate change, so it is necessary to acquire knowledge for the analysis of emerging environmental conditions compared to the previous state. In addition to the environmental conditions studied in the past need to be far more attention to the sensitivity of forest ecosystems to drought and extreme events.	
Learning Outcomes:	
Theoretical and practical knowledge of forest sites and forest ecology, with the purpose-oriented use in the changed conditions.	
Syllabus:	
1. Forest stands. 2 Abiotic factors (climate, water, soil). 3 Biotic factors of the environment: flora, fauna. 4 Bioecological characteristics of shrub and tree species. 5 Interaction of abiotic and biotic factors in the changed environment. 7 The impact of human on the environment - degradation of basic elements of the environment.	
Required Reading: 1. Antić M., Jović n., Avdalović V. (1982). Pedologija 2. Ćirić M. (1984). Pedologija 3. Šafar J. (1963): Uzgajanje šuma	

Weekly Contact Hours:	**Lectures:**		**Practical work:**
Teaching Methods: Lectures combined with interactive classes, seminars, consultation and mentoring with students.			
Knowledge Assessment (maximum of 100 points):			

Pre-exam obligations	Points	**Final exam**	points
Active class participation		written exam	
Practical work	10	oral exam	50
Preliminary exam(s)	20	…….	
Seminar(s)	20		