

Doctoral Dissertation – Research Work 3

<i>Name of the subject:</i> Doctoral Dissertation – Research Work 3	<i>SUBJECT code:</i>	Weekly hours: up to 20 hours of individual consultations and of students research work	Credit: 10
<i>Subject leader:</i> All professors from study program, eligible to be a mentor	<i>Academic Degree:</i>	Prerequisites: All exams at the PhD level successfully passed	

Purpose: Applying basic theoretically – methodological, scientific and vocational applicable knowledge, methodology and contemporary methods, available in the SCI listed journals, in solving concrete tasks in frame of the subject of the doctoral dissertation. Through defined theme of the doctoral dissertation student study the problem, its structure and complexity, conducts analysis and synthesis and defines the potential directions for its solution. The goal of students activities, at this study level is in acquiring of necessary experience for independent structuring of the research problem and finding the solutions for solving it. Also, the purpose of this level of research work is in collecting and preparing the research results in such form to enable its structuring and presenting in the form of the final text of the doctoral dissertation.

Course description: The course content is to be prepared for each student individually, in line with requirements of his/her future work. Student will review scientific literature and conduct necessary research work, which are connected with the subject of the doctoral thesis theme (laboratory research, field work research, etc.). Dominant resources to be used by the student, through his/her individual research work are journals from the SCI list. The student will be trained to become capable to practically apply the knowledge generated through the subjects of this study program and use it in solving the defined practical problem. Through independent application of the literature resources from the available databases, student will expand his/her knowledge and will become capable in using the contemporary methods and tools in solving the predefined research problems.

Schedule of consultations/teaching

Weeks	Topics
1.	Mentor is assigning the research task, with proposition of main research directions, that resulted from the defined and defended research elaborate, during the definition of the doctoral dissertation theme course. During students work on the doctoral thesis, the mentor can be involved with adequate suggestions and instructions, that will result with high quality of final content of the doctoral dissertation. The student is obligated that, during his/her work on the dissertation, and before its defending in front of the commission,
2.	
3.	
4.	
5.	

6.	publish at list one manuscript in the journal from the SCI list, that is directly resulting from the research on the dissertation. By the end of this course student should be able to individually structure and present his/her research results in the form of the doctoral dissertation.
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
Final grade: (<51pt fail; 51-60 grade 6; 61-70 grade 7; 71-80 grade 8; 81-90 grade 9; 91-100 grade 10)	
Compulsory literature: available scientific journal publications from the „Kobson“ list.	
Supplemental literature:	