

Doctoral Dissertation – Defining Theme

<i>Name of the subject:</i> Doctoral Dissertation – Defining Theme	<i>SUBJECT code:</i>	Weekly hours: up to 10 hours of individual consultations and of students research work	Credit: 15
<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 new 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 PhD level subjects.

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 aiming the solution of concrete research task, through:

a) defining the methodology of research that will be applied in the work on the doctoral thesis (dissertation),

b) clearly defined basic scientific contributions that will result from the doctoral thesis,

The work on above tasks will result with written report – seminar work, that will be defended in front of the three members commission, appointed through Scientific-educational council of Technical faculty in Bor. The members of the commission will be initially proposed at the departments level.

The student will be trained to become capable to carry on analysis and synthesis of the doctoral level subject level, on his/her own. Also, to apply gained knowledge in structuring the research problem and defining the potential directions of its solution. Independent application of the literature resources from the available data bases with the purpose of complete overview of the predefined research problem.

Schedule of consultations/teaching

Weeks	Topics
1.	Mentor is assigning the research task, in consultations with the student, for defining the research elaborate, which will present the scientific validation of the proposed doctoral dissertation theme. Preliminary literature is to be defined by the mentor. All further research of available literature resources will be completed by the student. During students work on the final elaborate, the mentor can be involved with adequate suggestions and instructions, that will result with high quality of explanation of the scientific contribution
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6.	<p>and adequacy of selected theme of the dissertation. During his/her work on the elaborate, student shall conduct all necessary experiments, measurements, analysis and other research work, with the aim to define and explain the research problem, as better as possible. After defending the elaborate, mentor will start the procedure for official acceptance of the doctoral dissertation theme.</p>
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<p>Final grade: 50pt – seminar project work; 50 pt oral exam (<51pt fail; 51-60 grade 6; 61-70 grade 7; 71-80 grade 8; 81-90 grade 9; 91-100 grade 10)</p>	
<p>Compulsory literature: available scientific journal publications from the „Kobson“ list.</p>	
<p>Supplemental literature:</p>	