

Course title: Scientific-research project 2		
Teachers: Mentor		
Status: Compulsory		
ECTS credits: 10		
Prerequisites: none		
Course objectives: The key goal of the course is to introduce new concepts in the field of students' scientific interest. Other goals are to assist students to acquire the following skills (by using a scientific platform or independently): <ol style="list-style-type: none"> 1) Analysis & Problem-Solving (within their Doctoral thesis framework, if applicable) toward scientific research papers production and publication; 2) Application of basic Methods, Techniques, Tools, Theoretical and methodological knowledge, Scientific and professional know-how, and use of cutting-edge research from the relevant literature in the field of interest; 3) Independent assessment and discussion of the research results; 4) Written and Oral communication, using argumentative, cohesive structures, and by application of different methods and results of the original scientific research in the scientific field of interest. 		
Learning outcomes: Upon completion of this course the student will have reliably demonstrated the ability to (independently): <ol style="list-style-type: none"> 1) design research; 2) use relevant resources and referential literature by application of relevant methods; to transfer knowledge from one course to another; to produce original research results and research studies which significantly broaden our current knowledge in the field of interest; 3) systematically analyze and bring relevant conclusions; 4) publish and report the results of their scientific research (within the planned PhD thesis framework), argue and comment on their significance, and provide a contribution to further research; 5) provide public evidence of independent and systematical understanding of the scientific and professional papers; elaborate in an argumentative manner on the research conducted, present original research results to a wider scientific community (national and international conferences). 		
Contents: Theoretical classes: Practical classes – Independent scientific paper <ol style="list-style-type: none"> 1)The structure of the research is formed individually, compliant with the research topic and the objectives of the doctoral thesis, and the previously defined goals. The doctoral student studies the professional and theoretical literature analyzes the course and makes correlations with their thesis, in order to come up with a solution to a specific problem, which was previously set by their PhD mentor. 2)Papers are (as a rule) written within the planned topic of the doctoral dissertation. Compliant with the themes of a particular conference (national or international), and/or journals published at the national and international level. During scientific article/paper paper writing, the doctoral student uses relevant literature and applies the methodological framework. 3) After writing the papers, there is a review process and possible corrections before the publication of the papers (scientific and professional articles). 4) After the positive evaluation of the papers is obtained, the doctoral student is allowed to defend the papers. After presenting the results and defending the papers, the candidate answers the questions. 		
Recommended Literature: <ol style="list-style-type: none"> 1. <eng>Creswell, J. W., Creswell, J. D.: Research Design: Qualitative, Quantitative, and Mixed Methods Approaches 5th Edition, Sage, 2018, ISBN-13: 978-1506386706 </eng> 2. <eng>Salkind, N.: Exploring Research, Books a la Carte 9th Edition, Pearson Education Ltd., 2017, ISBN-13: 978-0134238418 </eng> 		
Number of active classes: 0	Theoretical classes: 0	Practical classes - IRP: 10
Teaching methods: Public, oral (viva) defense, with the application of the multimodal tools, while presenting the original research papers.		
Evaluation (max points 100) Writing and submission of paper(s) - 50; Paper(s) publication - 50.		