



Study program: Doctoral Academic Studies in Biomedical Sciences		
Name of the subject: RESEARCH PROJECT MANAGEMENT		
Teacher(s): Jasmina M. Boban, Veljko S. Krstonošić, Duško B. Kozic, Ivan Đ. Čapo, Tihomir I. Dugandžija, Vojislava V. Bugarski Ignjatović		
Status of the subject: elective		
Number of ECTS points: 5		
Condition: -		
Goal of the subject: The goal is that PhD students acquire basic theoretical and practical knowledge in the methodology of planning, writing, reporting, management and control of project realization, with all the specificities that each individual scientific research carries. Students will also be informed about intellectual property and patent rights issues, as well as human resource management processes and risk management procedures that may occur during the project implementation.		
Outcome of the subject		
<i>Knowledge:</i> Upon finishing the course, students will be able to prepare a project proposal in accordance with modern project management theory, provide its phase outline and developed working structure, resource plan and supporting documentation. They will also be able to plan the structure of the research team and the various research groups.		
<i>Skills:</i> Students will overcome the complete technique of preparation, budgeting and project management.		
Content of the subject		
<i>Theoretical lectures</i>		
<ul style="list-style-type: none"> – Project: definition, history, project types, frameworks and assumptions – Generation processes and strategic context of projects – Specificity of projects in science and research – Project life cycle: design, startup, preparation, development, quality control, project finalization – Project management in science and research - project management theory and practice, project portfolio – Financing, co-financing and parallel financing – Budgeting and cost management, justified and unjustified costs, cost reallocation – Human resources: roles and duties of team members, communication – Project infrastructure: institutional planning processes, project management, institution organization, software support – Project risks – Intellectual property and patent rights – Project finishing modalities 		
<i>Practical lectures</i>		
<ul style="list-style-type: none"> – How to write a project? – Personalizing the researcher's biography to different project calls and project types – Human resources management – Project budgeting – SWOT analysis – Project reporting 		
Recommended literature		
1. Mantel S, Meredith J, Shafer S, Sutton M. Project Management in Practice. Wiley, 2008. ISBN 978-0-470-12164-1		
Number of active classes	Theory: 60	Practice (SRW): 45
Methods of delivering lectures		
Interactive theoretical and practical lectures, seminar papers, lectures of invited lecturers – international project managers and administrators		
Evaluation of knowledge (maximum number of points 100)		
lectures: 5		
practices: 25		
essay: 10		
written exam: 50		
oral exam: 10		

