

<b>Study programme:</b> Security studies			
<b>Course title:</b> Methodology of scientific research			
<b>Lecturer:</b> Sinaša Domazet/Leonas Tolvaišis			
<b>Course status:</b> Required			
<b>ECTS:</b> 6			
<b>Requirement:</b> /			
<b>Course aims</b> Acquiring knowledge about the level of scientific development of the constituent fundamental science security and application of scientific methods in research and operational practices for application in the design, organization and realization of research and technology development of technical and scientific communications.			
<b>Cours outcomes</b> Introduction to the science of development of science security, its constituents and scientific disciplines. Acquiring knowledge in the application of scientific methods, procedures and techniques, as well as in the development of appropriate instruments. Acquiring basic knowledge for designing research. Preparing for participation in the organization and realization of team research in the field of security science. Reference to the process of making expert and scientific publications.			
<b>Course content</b> <i>Theory classes</i> Introduction to the subject; Science and scientific knowledge; Security Studies; Methodology of security science; Philosophical methods; General scientific methods; Specific scientific methods; Individual scientific methods; Methods for solving operational problems; Research procedure; Organization and realization of research; Making scientific and professional publications. <i>Practice classes</i> Formulation of research problems; Elaboration of research subjects; Elaboration of goals and hypotheses; Developing the way, justification, and research plans. Seminar papers: Cognition of logic, Philosophical methods; General scientific methods; Specific scientific methods; Individual scientific methods; Methods for solving operational problems; Research procedure.			
<b>Literature</b> 1. Mejovšek, M.: Metode znanstvenog istraživanja, Naklada SLAP, Zagreb, 2008. 2. Marković, M.: Filozofski osnovi nauke, ŠIRO "Srbija", Beograd, 1981. 3. Zaječaranović, G.: Osnovi metodologije nauka, Naučna knjiga, Beograd, 1977. 4. Lekić: Metodologija pedagoških istraživanja i stvaralaštva, Zavod za udžbenike i nastavna sredstva, Beograd, 1979. 5. Milić, V.: Sociološki metod, Nolit, Beograd, 1965. 6. Biju Dharmapalan: Scientific Research Methodology, Alpha Science Int'l Ltd, 2012.			
<b>Number of active teaching classes:</b> 7		<b>Theory classes:</b> 4	<b>Practice classes:</b> 3
<b>Teaching methods</b> Teaching is conducted through theory and practice classes. Practice classes are auditory and practical, and they solve tasks from individual chapters, provide additional explanations and examples to elaborate specific areas of the lectures. During the realization of the course, the student is obliged to do the planned practices. Knowledge assessment takes place through two mid-term tests. The condition for the final exam is that the student passes both mid-term tests and successfully realizes practical classes. The final exam consists of an oral exam.			
<b>Knowledge assessment (max 100 points)</b>			
<b>Предиспитне обавезе</b>	<b>Points</b>	<b>Final exam</b>	<b>Points</b>
Pre-exam tasks		written exam	
In-class activity		oral exam	<b>30</b>
Practice classes	<b>50</b>	.....	
Research project	<b>20</b>		