

<b>Name of the subject: Methodology of Scientific Research</b>		
<b>Teacher(s):</b> <a href="#">Slobodan Marković</a> , <a href="#">Nemanja Tomić</a>		
<b>Status of the subject:</b> elective		
<b>Number of ECTS points:</b> 15		
<b>Condition:</b> -		
<b>Goal of the subject</b> The aim of the course is to prepare students for independent research work as well as the presentation of the final results of research in the form of scientific publications and scientific conferences. Introducing students to modern research methods in the field of geography, the possibilities of their application in order for students to choose the appropriate method for their own research.		
<b>Outcome of the subject</b> After the successful completion of this course, the student should be trained for in-depth contemporary research with the use of adequate modern research methods and independent writing and presentation of scientific papers.		
<b>Content of the subject</b> <i>Theoretical lectures:</i> The concept and division of science and general characteristics of scientific work. Primary and secondary sources of scientific material. Types of scientific publications (monograph, original scientific article, review article, professional article, specialist, master and doctoral thesis, Textbook and practicum). Parts of scientific papers (title, affiliations, abstract, keywords, introduction, review of previous research, methods and materials, results and discussion, conclusion, literature and data sources, acknowledgements, tables and other graphic material in the scientific article). Literature citation styles (Harvard, Vancouver and APA style). The way of presenting one's own research at scientific conferences (oral presentation, poster presentation). Selection of journals for publishing research. The concept of impact factor and its calculation. The most important journals in the field of geography. The concept of citation databases, existing citation databases and their search possibilities. The process of preparation, writing, submitting and publishing a scientific article (role and duties of authors, editors and reviewers) and doctoral dissertation (choice of topic and adequate methodology for a given topic, work plan and research phases). Basic introduction to modern research methods in geography and the possibilities of their application. <i>Practical lectures:</i> Preparation and presentation of seminar papers.		
Recommended literature		
<ol style="list-style-type: none"> <li>1. Popović, Z. (2014). Kako napisati i objaviti naučno delo. Akademska Misao, Beograd.</li> <li>2. Hay, I. (2010). Qualitative Research Methods in Human Geography. Oxford University Press</li> <li>3. Gomez, B., Jones, J.P. (2010). Research Methods in Geography: A Critical Introduction. Wiley Blackwell</li> <li>4. Montello, D., Sutton, P. (2012). An Introduction to Scientific Research Methods in Geography and Environmental Studies. Sage Publications Ltd.</li> <li>5. Rogerson, P.A. (2012). Statistical Methods for Geography: A Student's Guide. SAGE Publications Ltd.</li> </ol>		
Number of active classes	Theory: 5(75)	Practice: 5(75)
<b>Methods of delivering lectures</b> Oral lectures, individual consultations, seminar papers		
<b>Evaluation of knowledge (maximum number of points 100)</b> Seminar paper 50 points Oral exam 50 points		