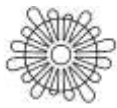


Syllabus

Department	Department of Geography					Year		
Course	Scientific research methods in geography I					ECTS	2	
Study programme	Graduate study of applied geography							
Level of study programme	<input type="checkbox"/> Undergraduate		<input checked="" type="checkbox"/> Graduate		<input type="checkbox"/> Integrated		<input type="checkbox"/> Postgraduate	
Type of study programme	<input checked="" type="checkbox"/> Single major <input type="checkbox"/> Double major		<input checked="" type="checkbox"/> University		<input type="checkbox"/> Professional		<input type="checkbox"/> Specialized	
Year of study	<input checked="" type="checkbox"/> 1		<input type="checkbox"/> 2		<input type="checkbox"/> 3		<input type="checkbox"/> 4	
Semester	<input checked="" type="checkbox"/> Winter <input type="checkbox"/> Summer		<input checked="" type="checkbox"/> I		<input type="checkbox"/> II		<input type="checkbox"/> III	
			<input type="checkbox"/> IV		<input type="checkbox"/> V		<input type="checkbox"/> VI	
Status of the course	<input checked="" type="checkbox"/> Compulsory		<input type="checkbox"/> Elective		<input type="checkbox"/> Elective course offered to students from other departments		Teaching Competencies	
							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Workload	30	L	0	S	0	E	Internet sources for e-learning	
							<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
Location and time of instruction	TBA				Language(s) in which the course is taught		English	
Course start date	TBA				Course end date		TBA	
Enrolment requirements	None							
Course coordinator	Vera Graovac Matassi							
E-mail	vgraovac@unizd.hr					Consultation hours	Monday 9:00-10:00	
Course instructor	Vera Graovac Matassi							
E-mail	vgraovac@unizd.hr					Consultation hours	Monday 9:00-10:00	
Assistant/ Associate								
E-mail						Consultation hours		
Assistant/ Associate								
E-mail						Consultation hours		
Mode of teaching	<input checked="" type="checkbox"/> Lectures		<input type="checkbox"/> Seminars and workshops		<input type="checkbox"/> Exercises		<input type="checkbox"/> E-learning	
	<input type="checkbox"/> Individual assignments		<input type="checkbox"/> Multimedia and network		<input type="checkbox"/> Laboratory		<input type="checkbox"/> Mentoring	
						<input type="checkbox"/> Field work		
						<input type="checkbox"/> Other		
Learning outcomes			<ol style="list-style-type: none"> 1. Define methods of scientific research. 2. Apply methods, principles, rules, and procedures of scientific research methodology. 3. Compare and apply different scientific methods in the preparation of a scientific or professional paper. 					



	4. Formulate research results and present them in a systematic, simple, and concrete manner. 5. Search for and use primary, secondary, and tertiary data sources.				
Learning outcomes at the Programme level	1. Design and conduct independent research on a specific geographic issue. 2. Formulate problem questions. 3. Synthesize research results. 4. Analyze a specific geographic issue. 5. Discuss the results of scientific research. 6. Formulate procedures and the process of scientific research. 7. Critically evaluate data sources and bibliography during scientific research.				
Assessment criteria	<input checked="" type="checkbox"/> Class attendance	<input checked="" type="checkbox"/> Preparation for class	<input type="checkbox"/> Homework	<input type="checkbox"/> Continuous evaluation	<input type="checkbox"/> Research
	<input type="checkbox"/> Practical work	<input type="checkbox"/> Experimental work	<input type="checkbox"/> Presentation	<input type="checkbox"/> Project	<input type="checkbox"/> Seminar
	<input type="checkbox"/> Test(s)	<input checked="" type="checkbox"/> Written exam	<input type="checkbox"/> Oral exam	<input type="checkbox"/> Other:	
Conditions for permission to take the exam	Class attendance				
Exam periods	<input checked="" type="checkbox"/> Winter		<input type="checkbox"/> Summer	<input type="checkbox"/> Autumn	
Exam dates	TBA				
Course description					
Course content	1. Introduction to course content, forms of instruction, and assessment 2. Introduction to scientific research. Science. The position of geography in the system of sciences 3. Scientific research and scientific methodology 4. Searching electronic bibliographic databases 5. Phases of scientific work: formulating a hypothesis, planning scientific research 6. Phases of scientific work: collecting, processing, and presenting scientific data, testing and discussion 7. Writing and technical editing of scientific work 8. Writing scientific work – basics of academic writing, scientific style (spelling, grammar, jargon) 9. Types of scientific work: oral and written presentation 10. Scientific publications and categorization of articles, peer review process 11. Geographic scientific methods: data collection and analysis 12. Geographic scientific methods: interpretation of geographic data on modern topographic maps and other cartographic representations 13. Geographic scientific methods: sampling and analysis of statistical data 14. Geographic scientific methods: field research, surveying 15. Geographic scientific methods: presenting research results: tables, graphs, maps				
Required reading	Key Methods in Geography, (ur. N. J. Clifford, G. Valentine), Sage Publications, London, 2003. Montello, D. R., Sutton, P. C. (2006.): An Introduction to Scientific Research Methods in Geography, Sage Publications, Thousand Oaks – London – New Delhi.				
Additional reading	TBA				
Internet sources					
Assessment criteria of	Final exam only				
	<input checked="" type="checkbox"/> Final written exam	<input type="checkbox"/> Final oral exam	<input type="checkbox"/> Final written and oral exam	<input type="checkbox"/> Practical work and	



learning outcomes					final exam	
	<input type="checkbox"/> Only test/homework	<input type="checkbox"/> Test/homework and final exam	<input type="checkbox"/> Seminar paper	<input type="checkbox"/> Seminar paper and final exam	<input type="checkbox"/> Practical work	<input type="checkbox"/> other forms
Calculation of final grade	100% final exam					
Grading scale	less than 60%	% Failure (1)				
	60 to 69%	% Satisfactory (2)				
	70 to 79%	% Good (3)				
	80 to 89%	% Very good (4)				
	90% and over	% Excellent (5)				
Course evaluation procedures	<input checked="" type="checkbox"/> Student evaluations conducted by the University <input type="checkbox"/> Student evaluations conducted by the Department <input type="checkbox"/> Internal evaluation of teaching <input checked="" type="checkbox"/> Department meetings discussing quality of teaching and results of student evaluations <input type="checkbox"/> Other					
Note /Other	<p>In accordance with Art. 6 of the <i>Code of Ethics</i> of the Committee for Ethics in Science and Higher Education, “the student is expected to fulfil his/her obligations honestly and ethically, to pursue academic excellence, to be civilized, respectful and free from prejudice.”</p> <p>According to Art. 14 of the University of Zadar's <i>Code of Ethics</i>, students are expected to “fulfil their responsibilities responsibly and conscientiously. [...] Students are obligated to safeguard the reputation and dignity of all members of the university community and the University of Zadar as a whole, to promote moral and academic values and principles. [...]</p> <p>Any act constituting a violation of academic honesty is ethically prohibited. This includes, but is not limited to:</p> <ul style="list-style-type: none"> - various forms of fraud such as the use or possession of books, notes, data, electronic gadgets or other aids during examinations, except when permitted; - various forms of forgery such as the use or possession of unauthorised materials during the exam; impersonation and attendance at exams on behalf of other students; fraudulent study documents; forgery of signatures and grades; falsifying exam results.” <p>All forms of unethical behaviour will result in a negative grade in the course without the possibility of compensation or repair. In case of serious violations the <i>Rulebook on Disciplinary Responsibility of Students at the University of Zadar</i> will be applied.</p> <p>In electronic communications only messages coming from known addresses with a first and a last name, and which are written in the Croatian standard and appropriate academic style, will be responded to.</p> <p>This course uses the Merlin system for e-learning, so students are required to have an AAI account. <i>/ delete if necessary/</i></p>					