

NAME OF THE COURSE		Systematic kinesiology				
Code		Year of study	1st graduate			
Course teacher	Assistant Professor Mirjana Milić, PhD	Credits (ECTS)	3			
Associate teachers	Associate Professor Dražen Čular, PhD	Type of instruction (number of hours)	L	S	E	F
			30	15	0	0
Status of the course	compulsory	Percentage of application of e-learning				
COURSE DESCRIPTION						
Course objectives	Acquiring competencies regarding complexity of kinesiology as a science, identification of the reasons for applying changes in anthropological features influenced by different kinesiological programmes, selecting measuring instruments in kinesiology, applying basic knowledge and skills in writing and presenting a scientific research in kinesiology.					
Course enrolment requirements and entry competences required for the course						
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	<p>To define interdisciplinary aspect and originality of kinesiology as a science.</p> <p>To analyse general principles for the development of anthropological features.</p> <p>To use the principles for managing an exercising process.</p> <p>To identify reasons for changes in anthropological features under the influence of adequate exercising programmes.</p> <p>To create and select measuring instruments (tests) for evaluating factors of anthropological status (the morphological, motor, cognitive, connative and sociological one).</p> <p>To design and develop a research project.</p>					
Course content broken down in detail by weekly class schedule (syllabus)	Course content		N. of hours	Classes held by		
	Concept and definition of kinesiology as a science; Development and structure of kinesiology as a science;		3	Assistant Professor Mirjana Milić, PhD		
	Relationship between kinesiology and other sciences; Impact of physical, biological, psychological and sociological principles on the effect of physical exercising; Benefits of physical exercising		3	Assistant Professor Mirjana Milić, PhD		
	Anthropological sense of kinesiology; Cybernetic sense of kinesiology		3	Assistant Professor Mirjana Milić, PhD		
	Concept of the process, possibilities and systems of scientifically determined physical exercising Prognostic and diagnostic operations; Management of the exercising process		3	Assistant Professor Mirjana Milić, PhD		
	Concept and stages of the management process; kinesiological dynamic systems; Elements and methods of the kinesiological system functioning; Concept and definition of the objective of physical exercising		3	Associate Professor Dražen Čular, PhD Assistant Professor Mirjana Milić, PhD		
	Defining research subject in kinesiology; Research methodological principles in kinesiology; Defining methodological principles		3	Associate Professor Dražen Čular, PhD Assistant Professor Mirjana Milić, PhD		
	Research methods in kinesiology; Topics for research papers		3	Assistant Professor Mirjana Milić, PhD		
	TEST 1		3	Assistant Professor Mirjana Milić, PhD		
	Selection and orientation processes in kinesiology; Defining the concept of the status of a subject; Cybernetic functioning of the system of the human being		3	Associate Professor Dražen Čular, PhD Assistant Professor Mirjana Milić, PhD		

	Endogenous and exogenous limitation factors; Genetic and non-genetic aspects of variability of human characteristics and abilities	3	Associate Professor Dražen Čular, PhD Assistant Professor Mirjana Milić, PhD	
	Curve principles of characteristics and abilities development; Correlation between motor and intellectual domain and personality characteristics; Correlation between coordination and cognitive abilities	3	Associate Professor Dražen Čular, PhD Assistant Professor Mirjana Milić, PhD	
	Principles for selecting and distributing work content; Principles for selecting and distributing workload volume (3 hours)	3	Assistant Professor Mirjana Milić, PhD	
	Information and energy component of workload; Selection of work modalities and methods; System for controlling the level of acquisition of motor skills, characteristics and abilities, and health	3	Assistant Professor Mirjana Milić, PhD	
	Natural law of exercising; Moving as a factor of phylogenetic and ontogenetic development	3	Assistant Professor Mirjana Milić, PhD	
	TEST 2	3	Assistant Professor Mirjana Milić, PhD	
	Content of seminar classes			N. of hours
Selecting a scientific research topic (for a seminar paper)	1	Assistant Professor Mirjana Milić, PhD		
Defining research problem, collecting and analysing relevant research related to the topic	1	Assistant Professor Mirjana Milić, PhD		
Analysis of collected relevant research related to the topic and defining obtained information-knowledge until today	1	Assistant Professor Mirjana Milić, PhD		
Writing a project for the suggested research; Defining objective and hypotheses	1	Assistant Professor Mirjana Milić, PhD		
Defining population and sample of subjects	1	Assistant Professor Mirjana Milić, PhD		
Selecting measuring instruments (tests) for evaluating factors of anthropological status (the morphological, motor, cognitive, conative and sociological one)	1	Assistant Professor Mirjana Milić, PhD		
Describing experiment thoroughly (methods of information collecting, applied kinesiological treatment and selection of methods for processing obtained information)	1	Assistant Professor Mirjana Milić, PhD		
Entering data into computer-forming data matrixes	1	Assistant Professor Mirjana Milić, PhD		
Calculating basic parameters of variables and interpretation	1	Assistant Professor Mirjana Milić, PhD		
Analysing differences, relations and structures	1	Assistant Professor Mirjana Milić, PhD		
Discussing research results	1	Assistant Professor Mirjana Milić, PhD		
Using online databases	1	Associate Professor Dražen Čular, PhD		
Principles of research ethics	1	Associate Professor Dražen Čular, PhD		
APA standard for citing sources	1	Assistant Professor Mirjana Milić, PhD		
TEST 3 – SEMINAR PAPER (1 hour)	1	Assistant Professor Mirjana Milić, PhD		
Format of instruction	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> <i>on line</i> in entirety <input type="checkbox"/> partial e-learning <input type="checkbox"/> field work	<input checked="" type="checkbox"/> independent assignments <input type="checkbox"/> multimedia <input type="checkbox"/> laboratory <input type="checkbox"/> work with mentor <input type="checkbox"/> (other)		
Student responsibilities	Participation during classes, seminars, tests and examination.			

Screening student work (name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)	Class attendance	0.5	Research	0	Practical training	0
	Experimental work	0	Report	0	Research design	1
	Essay	0	Seminar essay	1	Presentation	0.5
	Tests	2	Oral exam		(Other)	0
	Written exam	0.4	Project	0	(Other)	0
Grading and evaluating student work in class and at the final exam	<p>Final grade for the course Systematic Kinesiology 1 will be determined based on points in the following:</p> <ul style="list-style-type: none"> → Tests (Tests including teaching topics discussed during lectures will be held during classes after the first and second part of teaching, in total 2 tests will be held) → Seminar papers → Research design → Presentation → Regular attendance of classes and commitment <p>In case a student fails to pass 1 or 2 tests during the study year he or she will have an opportunity to take that or those tests again according to a schedule that will be duly provided and during the examination period (February – 1st term, July – 1st term, and September – 1st term)</p> <p>Final grade for the course Systematic Kinesiology 1 will be formed as follows: $(2 \text{ tests} \times 1) + (\text{presentation} \times 0.5) + (\text{seminar paper} \times 1) + (\text{regular attendance of classes and commitment} \times 0.5) / 5$</p> <p>Oral examination can be taken during the regular examination periods which take place after a semester under the condition that the student has passed all the other previously mentioned parts (written tests).</p> <p>Based on the previously mentioned, the final grade will be formed as follows:</p> <ul style="list-style-type: none"> → grade 2 (sufficient) for achieving 51% to 60%; → grade 3 (good) for achieving 61% to 74%; → grade 4 (very good) for achieving 75% to 89%; → grade 5 (excellent) for achieving 90% to 100%. 					
Required literature (available in the library and via other media)	Title			Number of copies in the library		Availability via other media
	<p>Čular, D., Padullo, J. Sporiš, G. Sporiš, G. (2018), How to prepare, write and publish scientific article in kinesiology, and sport. Split: University of Split, Faculty of Kinesiology. Course materials on Moodle Online textbooks on Moodle</p>			0		Moodle, on-line
	<p>Bonacin, D., Katić, R., Zagorac, N. (2001). Model kineziološke edukacije: znanstveno-istraživački projekti u kineziologiji. Split: Fakultet prirodoslovno-matematičkih znanosti i odgojnih područja Sveučilišta u Splitu.</p>			5		20
Optional literature (at the time of submission of study programme proposal)	Online research databases search, the list of links on Moodle					
Quality assurance methods that ensure the acquisition of exit competences	Class attendance, participation in classes, seminar papers, research design, presentation, test, exam, self-evaluation of the course and teachers during the study year, internal (student) survey and external evaluation of teaching					
Other (as the proposer wishes to add)						