

Annex 3. Subject program first, second and third cycle		
1.	Subject	Research Methodology on security phenomena
2.	Code	Bachelor in Criminalistics
3.	Study program	
4.	Organizer of the study program (unit or institute, department)	Faculty of security- Department for social-political and legal sciences
5.	Degree (first, second, third cycle)	First cycle of university studies
6.	Academic year / semester	III Year V Semester
7.	Number of ECTS credits	6
8.	Professor	Professor. Dr. Cane Mojanoski
9.	Prerequisites for enrollment of the subject	Full or part-time student who according to study rules at the University had acquired the right for enrollment in the third year of study, who regularly performs the obligations laid down for study at the Faculty of Security and this study program
10.	Subject objectives (competencies)	Students are acquiring with basic knowledge in Methodology of researching the security appearances, especially basic contents and principles of logical thinking. They will be able to make a difference between scientific and other kinds of knowledge, and to be acquainted with knowledge of subject and methods of Methodology science. They will be able to obtain knowledge for the processes of preparing and realizing a researching project. Specially they obtain a competences for definite a dates, to knowing a techniques for collecting dates, sort-out and data processing, specially statistical techniques for processing and presentation of dates. In this sense they will know date processing, interpret and present the date, and will master other techniques and means of analytical method and qualitative analysis, and writing a report of scientific research work. The student is trained to search for objective truth by using research methods, techniques and instruments of proficiency and forms of intellectual mastery, especially the writing of the report and other forms of communicating the results of scientific research.
11.	Content of study program	Science and scientific knowledge; Logical basics of methodology; Language, thinking and subject of scientific knowledge; Security appearance; Security science (sciences); Methodology and methods; Term and subject of methodology; Components of methodology; relations between gnoseology and epistemology; Methodology and other sciences; Functions of methodology; Basic approach of methodology (paradigms); Positivism and positivistic method; Method of comprehension and understanding the human causes; Some new paradigm in researching security issues; Researching, concept and kinds of researching. Scientific problem, Concept, ways of selection and definition of problem. Project and research projecting; Definition of researching project, Types of researching projects.

		Organization of researching; Realization of researching; Collecting dates; Mistakes in collecting dates; Statistical method and techniques; sort-out and processing dates; Processing dates (techniques of sort-out dates, presentation of dates in Excel and SPSS); Analyzing of dates; Verifying and validating hypothesis; Mistakes and type of mistakes; Intellectual mastery and types of reporting documents.			
12	Study methods	During the semester basic form of work will be interactive forms of teaching using ICT technology , specifically encouraging dialogue and active participation of students in the teaching process performance . Special attention will be paid to the practical application of acquired knowledge , especially in determining the problem , development of the project and knowledge of the basic skills of using analytical procedures , especially statistical techniques of descriptive statistics. Students will be trained to know the basic techniques of processing and displaying data and governed art and forms of intellectual mastery .			
13	Total time engaged	270 h			
14	Distribution of time	120 teaching hours and 150 hours independently studying			
15	Forms of teaching activities	15.1	Lectures	90 classes	
		15.2	Exercises (laboratory, auditoriski), seminars, Tim's work	20 classes	
16.	Other forms of activities	16.1	The project tasks	10 classes	
		16.2	Individual tasks	150 classes	
17.	Method of Evaluation				
	17.1.	Tests		80 points	
	17.2.	Seminar work / project (presentation: written and oral)		10 points	
	17.3.	Activity and participation		10 points	
18	Criteria for Evaluation (Points / Assessment)			up to 50 points	5 (five) (F)
				From 51 to 60 points	6 (six) (E)
				From 61 to 70 points	7 (seven) (D)
				From 71 to 80 points	8(eight) (C)
				From 81 to 90 points	9(nine) (B)
		From 91 to 100 points	10(ten) (A)		

19.	Requirement for signature and final examination	Made research grant program or conducted research activity
20.	Language of instruction	Macedonian language
21	Method of monitoring the quality of teaching	Self evaluation in class, semester
22.	Literature	
	22.1.	Required literature

No.	Authors	Title	Publisher/ year
1.	Cane T. Mojanoski	Methodology of security science - basis	Faculty of Security 2012
2.	W. Lawrence Neuman	Social Reshears Methods: qualitative and quantitative approachers	Educational Work, 2009, Skopje
3.	Batolf Janet Johnson (et al):	Research methods in political science	Skopje, Academic Press, 2009,
22.2.	Supporting literature		
No.	Authors	Title	Publisher/ year
1.	Cane Mojanoski	Methodology of scientific research work	Skopje 1998
2.	Đorđe Ignjatović	Research Methodology of criminality	Belgrade 2009
3.	Robert, M. Grovest (et all):	Servey Methodology, Wilwy Interscience,	New Jersy,2004
4.	Myers, Jerome L.; Well, A	Research Design and Statistical Analysis;	Lawrence Erlbaum Associates, Inc., New Jersey ,Hove, UK,1995
5.	John Krogstie, Terry Halpin, Keng Siau:	Information modelling methods and methodologies	London, 2005
6.	David Weisburd ,Chester Britt:	Statistics in Criminal Justice;	Springer Science + Business Media, LLC, 2007
7.	Vojin Milic	Sociological method;	Nolit; Belgrade; 1978;
8.	Miroslava Momirska-Marjanović	Crime statistics	Educational work, Skopje; 2002