

<b>Appendix 3. Subject's program of 1<sup>st</sup> cycle of studies</b>		
1.	Title of the subject	Arms and equipment
2.	Code	<b>FBAS04</b>
3.	Study program	Criminalistics
4.	Organizer of the study program (unit, institute, department, section)	Department for police sciences
5.	Grade (1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> cycle)	1
6.	Academic year/semester	2014/2015, 1 <sup>st</sup> semester
7.	Quantity of ECTS credits	1
8.	Lecturer	Dr.sc. Rade Rajkovceviski
9.	Precondition for enrolment of the subject	/
10.	Purposes of the subject's program (competences)	The students make introduction with arms, ammunition, explosive materials and ballistic protection equipment that are usually used by the police.
11.	Subject's summary	<p>Introductory lecture and historical overview of the scientific discipline, introducing students to the study program, the method of its implementation, pointing out the main and auxiliary literature and method of examination.</p> <p>Topic 1: Tasks and division of internal ballistics, elements of the internal ballistics, the process of firing in the barrel.</p> <p>Topic 2: Principle of operation, main parts, accessories and mechanisms of arms.</p> <p>Theme 3: The guns, machines and machine guns.</p> <p>Theme 4: explosive substances, initiating materials and artifices.</p> <p>Topic 5: Ammunition (description, purpose, tactical-technical characteristics, security measures during handling, storage, transport and use). General information about production, packaging, labeling, storage, monitoring of the chemical stability, destruction etc.</p> <p>Topic 6: Contemporary methodology for keeping ammunition and explosives</p> <p>Topic 7: Ballistic protective equipment used in police</p> <p>Topic 8: Other equipment used in police (instruments for detecting explosives, radioactive materials, instruments for examination of motor vehicles, communication devices, etc.)</p> <p>The exercises are performed in cooperation with a team of instructors within Rapid deployment unit of the Ministry of Interior, based on a memorandum.</p>
12.	Methods of learning	Independently, through consultations and presence in classes previewed for exercises in the police's rapid

		reaction unit.	
13	Total available fund of time	26 hours	
14	Schedule of the available time	13 hours lectures, 13 hours exercises and 80 hours preparation for the exam.	
15	Form of classes activities	15.1	Lectures-theoretic classes 13 hours
		15.2	Exercises (laboratory, auditoria), seminars, team work 13 hours
16.	Other form of activities	16.1	Project's tasks hours
		16.2	Independent tasks hours
Method of assessment			
17.	17.1.	Tests	80 points
	17.2.	Seminar work / project (presentation: textual and oral)	10 points
	17.3.	Activity and participation	10 points
18	Assessment criteria (points/assessment)	As this is academic capability, the main condition for passing the exam is to obtain at least 41 points on the final exam.	

19.	Condition for signature and passing the exam	Permanent attendance at lectures and exercises for full-time students.		
20.	Class language	Macedonian		
21.	Method of evaluation of the class quality	Through self-evaluation regularly implemented by authorized internal committee.		
Literature				
22.1.	Compulsory literature			
	No.	Author	Title	Publisher/Year
	1.	R.Smileski	<i>Vooružuvanje i oprema</i> [Armament and equipment] - internal scripts)	Faculty of security, Skopje, 2010.
	2.	Robert J. Bunker	<i>Ne-državni zakani i idni vojni</i> [Non-state Threats and Future Wars]	Library no.25./8817
3.	D.Petreski	<i>Teoretski osnovi na klasično vooružuvanje</i> [Theoretical foundations of classical armament] - lessons	Military Academy, Skopje, 2001.	
22.2.	Supplementary literature			
	No.	Author	Title	Publisher/Year
	1.	R.Lj.Smileski	<i>Municija i eksplozivni materii-teoretski osnovi</i> [Ammunition and explosives-theoretical foundations]	Maring, Skopje, 1998.

		2.	R.Lj.Smileski & O.B.Popovski	<i>Vnatrešna balistika</i> [Internal ballistics]	Military Academy, Skopje, 2001.
		3.	R.Smileski	<i>Održavanje na municijata kako uslov za visoka borbena gotovnost</i> [Keeping ammunition as a condition of high alert]	Symposium, Ohrid, 1997.
		4.	R. Dimitrijevic	<i>Prilog održavanja municije</i> [Appendix for ammunition keeping]	Novi glasnik, Beograd, 1994, 48.
		5.	M.T.Kalashnikov	<i>Zabeležke konstruktora oružara</i> [Remarks of the arms constructors]	Zastava oruzje AD, Kraguevac, 2006.
		6.	Internet websites and manuals of the arms, ammunition and equipment manufacturers		