

SYLLABUS

19.04.2022 nr 6.1-14/1074-1

SUBJECT CODE	RKRC5026				
NAME OF THE SUBJECT (in Estonian)	Sissejuhatus keemilise, bioloogilise, radioloogilise ja tuumaohu valdkonda				
NAME OF THE SUBJECT (in English)	An Introduction to the Field of Chemical, Biological, Radiological and Nuclear				
VOLUME (ECTS)	3				
CURRICULUM	Selective subject for ERASMUS students				
RESPONSIBLE LECTURER	Triin Melnik				
PREREQUISITE MODULES AND SUBJECTS:	-				
VOLUME OF STUDIES (study group/form of study)					
LECTURE (number of study hours)	SEMINAR (number of study hours)	PRACTICAL WORK (number of study hours)	INDIVIDUAL WORK (number of study hours)	E-LEARNING (number of study hours)	TOTAL (number of study hours)
18	4	20	36	0	78
OBJECTIVE OF THE SUBJECT: The student acquires the basic overview and knowledge of the key concepts, theories, and principles relevant to CBRN (chemical, biological, radiological, and nuclear) threats.					
LEARNING OUTCOMES		ASSESSMENT METHODS		ASSESSMENT CRITERIA	
After completing the subject the student:					
Knows the concept of CBRN, its legislations and is familiar with CBRN event management.		Class exercises, assignments, tests in Moodle. Also the student has passed the practical exercises.		Student should be able to understand the concept of CBRN, be familiar with different legislations and crisis management in case of CBRN incidents.	
Describes the main CBRN agents and their properties.				Student should be able to demonstrate an understanding of CBRN threat types and describe the properties and characteristics of CBRN agents.	

Knows the basic types of CBRN decontamination and detection methods and knows how to use personal protection equipment.		Student should be able to choose the correct personal protection equipment, know how to do decontamination correctly and be able to detect CBRN threat.
<p>Requirements for and the composition of the final grade / credit test:</p> <p><u>Requirements for assessment:</u> Student must participate in theoretical and practical lessons. All given assignments (in Moodle), exercises and tests must be completed. Attendance of lectures is 80%. Participating in practical work must be 90%</p> <p><u>Assessment form:</u> Subject is <i>differentiated assessment</i> (grades A-F).</p> <p>The <u>differentiated assessment</u> is based on the final test. Fulfilling all class exercises, assignments, and tests before the final test is mandatory.</p> <p>The grade is formed on following criteria:</p> <ul style="list-style-type: none"> A – 90-100% B – 80-89% C – 70-79% D – 60-69% E – 50-59% F – less than 50% 		

Compiled by: Triin Melnik

Date: 01.04.2022