DESCRIPTION OF THE COURSE OF STUDY

Course code	1032.4.BN1.D114.ARY	
Name of the course in	Polish	**Analiza ryzyka**
	English	Risk analysis

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	National security
1.2. Mode of study	Full-time studies, Extramural studies
1.3. Level of study	Firts-degree
1.4. Profile of study*	General academic
1.5. Person/s preparing the course description	Dr. Rafał Miernik
1.6. Contact	knb@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	**Polish/English**
2.2. Prerequisites*	**No**

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes		Lectures/classes
3.2. Place of classes		Classes in the UJK teaching room
3.3. Form of assessment		Graded credit
3.4. Teaching methods		Problem-based lecture, round table discussion
3.5. Bibliography	**Required reading**	Jin Y., Austin L. (ed.), Social Media and Crisis Communication, Taylor&Francis, 2022.
	Further reading	Couldry N., Media, Society, World – Social Theory and Digital Media, Wiley-Blackwell, 2012.

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives *(including form of classes)*
C1. To familiarise students with the category of risk in the security sciences, to trace the evolution of the category of risk and to characterise its contemporary understanding; to illustrate the need for hazard and risk analysis; to present the importance of risk analysis in crisis management; to present the basic principles and tools of risk analysis.
C2. Shape the ability to apply knowledge of risk analysis in the exploration of the security domain and in the process of rationalising decision-making in its field; generate the need for further development and develop the necessary scientific tools for this.
C3. To formulate views independently; to build awareness of the importance of professional and ethical behaviour in public actions; to correctly assess the threat to life, property or the environment and to behave correctly in emergency situations.

4.2. Detailed syllabus *(including form of classes)*
Lectures

 Reflections on the category of risk: uncertainty, threat, risk - interdependence of concepts; contemporary understanding of risk, types of risk, basic terminology; risk in crisis management, Polish conditions and legislation on risk management; risk analysis methodology - overview of quantitative and qualitative methods; social acceptance of risk - ALARP principle, foresight in national security. selected methods (SWIFT; Scenario analysis; Business impact analysis; Root cause analysis; Case and consequence analysis; Human reliability analysis; Bow-tie analysis; Effect/probability matrix); presentation of results of risk analysis
(including e-learning)

Classes

 Case studies using risk analysis methods: SWIFT; Scenario analysis; Business impact analysis; Root cause analysis; Case and consequence analysis; Human reliability analysis, Bow-tie analysis; Effect/probability matrix; Presentation of risk analysis results.

4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
	within the scope of **KNOWLEDGE:**	
W01	Has knowledge of the sources, structure and possible consequences of phenomena and processes generating threats to life, health, property and the environment; knows the elements and logic of the risk management process in crisis management; understands the essence of public acceptance of the risks incurred.	BN1A_W06
W02	With the knowledge of risk analysis, the student is familiar with the different types of reactions and behaviour of individuals, social groups and institutions in risk situations.	BN1A_W09
W03	Understands the need to estimate the strength of a threat and its usefulness for security research.	BN1A_W11
	within the scope of **ABILITIES:**	
U01	Can apply knowledge of risk analysis to the exploration of security phenomena and processes; is aware of the need for continuous development, improvement of analytical techniques and expansion of knowledge.	BN1A _U03
U02	Able to use knowledge of risk analysis to rationalise decisions in the area of security; able to assess the consequences of decisions for the crisis management process.	BN1A _U05
U03	Can interpret the results of a risk analysis and use the ALARP method; can research national security issues using the foresight method.	BN1A _U07
	within the scope of **SOCIAL COMPETENCE:**	
K01	Is aware of the importance of maintaining professionalism and ethics in activities in the public sphere, especially in the sphere of security in the broadest sense.	BN1A _K04
K02	Knows and applies patterns of correct behaviour in emergency situations; has knowledge of the structure of different types of emergency situations.	BN1A _K05
K03	With the help of familiar analytical instruments, he is able to build his own system of views and skills and use it to formulate critical judgements.	BN1A _K06

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes (code)	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others* e.g. standardized test used in elearning		
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes		
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...
W01	+							+			+										
W02	+							+			+										
W03	+							+			+										
U01	+							+			+										
U02	+							+			+										
U03	+										+										
K01											+						+				
K02	+										+						+				
K03								+			+										

*delete as appropriate

4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
Lecture (L) including e-learning	3	Obtaining 50 per cent of the points from the colloquium
	3,5	Obtaining 60 per cent of the points from the colloquium
	4	Obtaining 70 per cent of the points from the colloquium, occasional participation in discussions.
	4,5	Obtaining 80 per cent of the points from the colloquium, frequent participation in discussions.
	5	Obtaining min. 90 per cent of the points from the colloquium, initiating discussions.
Classes (C) including e-learning	3	Elaboration and presentation of a given paper; completion of a project with numerous mistakes.
	3,5	Elaboration and presentation of a multimedia presentation; completing a project without mistakes; active participation in the class discussion.
	4	Activity in class; preparing and presenting a multimedia presentation; completing the project without any mistakes, initiating a discussion within the group working on the project.
	4,5	Activity in class; preparing and presenting a multimedia presentation; completing the project without any mistakes, initiating a discussion within the group working on the project, giving one's own effective ways of communicating threats in the case of specific threats.
	5	Activity in class; preparing and presenting a multimedia presentation; completing the project without any mistakes, initiating a discussion within the group working on the project, giving one's own effective ways of communicating threats in the case of specific threats, initiating discussions.

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	**Extramural studies**
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	*50*	*30*
Participation in lectures*	**30**	**15**
Participation in classes, seminars, laboratories*	**15**	**10**
Preparation in the exam/ final test*	5	5
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	50	70
Preparation for the classes, seminars, laboratories*	10	20
Preparation for the exam/test*	10	20
Gathering materials for the project/Internet query*	10	10
Preparation of multimedia presentation	10	10
Others *	10	10
TOTAL NUMBER OF HOURS	**100**	**100**
ECTS credits for the course of study	**4**	**4**

*delete as appropriate

Accepted for execution *(date and legible signatures of the teachers running the course in the given academic year)*

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