POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Security Theory and Crisis Managemen [S1Cybez1>TBiZwSK]

Course

Field of study
Cybersecurity

Year/Semester
1/1

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
24

Laboratory classes
0

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

2,00

Coordinators

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Lecturers

Prerequisites

none

Course objective

The objective of the course is to: • Develop skills in analyzing contemporary security threats. • Understand the principles of crisis management systems. • Comprehend the origins and specifics of terrorism, as well as methods of combating it. • Acquire practical knowledge on responding to crisis situations.

Course-related learning outcomes

Knowledge:
• The student has structured knowledge of fundamental concepts and theories related to security (including national, internal, and international security) and understands the evolution of this concept in the context of contemporary threats.
• The student knows and understands key asymmetric threats (including cyber threats, terrorism, and

hybrid conflicts) and can explain the impact of globalization on their scale and nature.
• The student has knowledge of the roles and responsibilities of institutions involved in security and crisis management, both at the national level (e.g., the Government Security Center) and the international level (UN, NATO, EU).
• The student is familiar with the basic strategies and legal acts related to preventing and combating terrorism in Poland and worldwide and understands the mechanisms of international cooperation in this field.

Skills:
• The student is able to analyze and assess various types of security threats, both in local and international contexts, using basic analytical tools and research methods.
• The student can identify the phases of crisis management (prevention, preparedness, response, recovery) and propose appropriate actions in crisis situations, considering the specifics of a given threat.
• The student is capable of developing a preliminary concept or crisis management plan for a specific type of incident (e.g., terrorist attack, natural disaster), taking into account the roles and responsibilities of different entities.
• The student applies principles and procedures related to informing and warning about threats in practice (e.g., effectively using monitoring and crisis communication systems).

Social competences:
• The student is prepared to take responsible participation in teamwork, especially in crisis situations, demonstrating effective communication skills and collaboration with other services and specialists.
• The student understands the need for continuous knowledge updating in the field of security and crisis management due to the dynamic nature of threats and the evolving international security environment.
• The student demonstrates a sense of social and ethical responsibility in security-related activities and is capable of formulating independent opinions and judgments in a clear manner, supported by expert arguments.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The learning outcomes will be verified based on the assessment of a written assignment, prepared independently under the supervision of the instructor. The grading scale ranges from 2.0 to 5.0.
In each form of the course assessment, the grade depends on the number of points the student earns relative to the maximum number of required points. Earning at least 50% of the possible points is a prerequisite for passing. The relationship between the grade and the number of points is defined by the Study Regulations. Additionally, the course completion rules and the exact passing thresholds will be communicated to students at the beginning of the semester through the university’s electronic systems and during the first class meeting (in each form of classes).

Programme content

The course provides students with comprehensive knowledge of security theory, contemporary threats, terrorism, and crisis management. It combines theoretical aspects with a practical approach to analyzing and solving security-related issues at both the national and international levels. The course enables students to understand key concepts, mechanisms, and strategic actions in response to the challenges of the modern world.

Course topics

I. Security Theory (6x45)
1. The Concept of Security
• General understanding of security.
• Subjective and objective elements of security.
• The dilemma of national and international security.
• Types of security: national, internal, and international.
2. Redefinition of the Concept of "Security"
• Evolution of the concept of security after the Cold War.
• Theories: Copenhagen School, Welsh School, and Paris School.
• Concepts of "human security" and "sustainable security."

3. Security Threats
• The nature of threats in Europe and worldwide.
• Asymmetric threats: cyber threats, hybrid conflicts, climate change.
• The impact of globalization on the evolution of threats.
4. Concepts and Actions for International Security
• Models: balance of power, collective security, cooperative security.
• The role of international organizations (UN, NATO, EU).
II. Crisis Management (8x45)
1. Scope, Tasks, and Categories of Crisis Management
• Categories of crisis situations and their impact on people, property, infrastructure, and the environment.
• Critical infrastructure and its protection.
2. Crisis Management System
• Phases of crisis management: prevention, preparedness, response, recovery.
• Crisis management plans and response procedures.
3. Crisis Management Entities
• Responsibilities and competencies of institutions in Poland, Europe, and the USA.
• Threat monitoring and principles of threat notification.
III. Terrorism (8x45)
1. Definitions and Historical Background
• The origins and development of terrorism as a socio-political phenomenon.
• Types of terrorism (e.g., religious, ideological, nationalist).
2. Terrorist Organizations
• Definition, objectives, and structure of modern terrorist organizations.
• Examples of contemporary extremist groups and terrorism-threatened states.
3. New Forms of Terrorism
• Weapons of mass destruction terrorism and cyberterrorism.
• Factors influencing the development of terrorist networks.
4. Counterterrorism
• Global counterterrorism strategies and initiatives.
• Poland's counterterrorism strategy and legal framework.

Teaching methods

• Theoretical lectures supported by multimedia presentations.
• Case study analysis on terrorism and crisis situations.
• Problem-solving discussions on security challenges.
• Practical exercises in crisis management planning.

Bibliography

Basic:
1. Reports from international organizations (NATO, UN, EU).
2. Monographs and scientific articles on crisis management.
3. Government documents and analyses of counterterrorism strategies.

Additional:
1. Case studies of selected terrorist organizations.

Breakdown of average student's workload

	Hours	ECTS
Total workload	54	2,00
Classes requiring direct contact with the teacher	24	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	30	1,00