University of Gdańsk

Subject card

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| Subject name and code | Emergency and Civil Protection Subsystems, PG_00179309 | | |
| Field of study | National Security | | |
| Date of commencement of studies | October 2024 | Academic year of realisation of subject | 2024/2025 |
| Education level | Master's studies | Subject group | Optional subject group<br>Humanistic-social subject group |
| Mode of study | full-time studies | Mode of delivery | at the university |
| Year of study | 1 | Language of instruction | Polish |
| Semester of study | 2 | ECTS credits | 4.0 |
| Learning profile | practical | Assessment form | credit |
| Conducting unit | Institute of Political Science -> Faculty of Social Sciences -> Rector | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr Piotr Robakowski | |
| | Teachers | dr Piotr Robakowski | |

| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
|---|---|---|---|---|---|---|---|
| | Number of study hours | 30.0 | 0.0 | 0.0 | 0.0 | 0.0 | 30 |
| | E-learning hours included: 0.0 | | | | | | |

| Learning activity and number of study hours | Learning activity | Participation in didactic classes included in study plan | Participation in consultation hours | Self-study | SUM |
|---|---|---|---|---|---|
| | Number of study hours | 30 | 0.0 | 70.0 | 100 |

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| Subject objectives | The objective of the course Subsystems of Civil Protection is to provide students with knowledge about the structures, principles, and functioning of civil protection systems. Students will learn about the legal, organizational, and technical aspects of civil protection, including crisis management, rescue services, and civil defense. The course covers the analysis of threats, risk assessment, and methods of prevention and response to emergency situations. Additionally, students will learn to coordinate the actions of various services and institutions and to create protection |

| Learning outcomes | Course outcome | Subject outcome | Method of verification |
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| | [BNMU2_W05] Has extended and grounded knowledge of the functioning of internal and international security institutions and is able to define the relationships between them. Correctly defines phenomena that significantly determine safety activities. Has advanced knowledge of security subsystems, interactions and contemporary trends in changes taking place between them. | He has extensive and well-established knowledge about the functioning of internal security institutions. | [SW4] test/exam - oral or written |
| | [BNMU2_W11] Has in-depth knowledge of security strategies at provincial and national levels. | He has advanced knowledge of security strategies related to the execution of tasks within the various civil protection systems. | [SW4] test/exam - oral or written |
| | [BNMU2_W09] Has an in-depth and structured knowledge of the essence, dynamics, and specificity of security threats in various spheres of social life. | He has advanced and organized knowledge about the nature, dynamics, and specifics of threats in the area of public security. | [SW1] oral statement/ conversation/discussion |
| | [BNMU2_W06] Has in-depth knowledge of the functioning of democratic structures in civil society. | He possesses advanced knowledge about the functioning of civil protection systems. | [SW3] text preparation/written work |
| | [BNMU2_K04] Takes up professional roles responsibly and in an enterprising manner, is able to cooperate and properly carry out assigned security tasks. | He responsibly and entrepreneurially undertakes tasks in the area of civil protection, is capable of collaborating effectively, and properly executes the assigned duties in this field. | [SK4] test/exam - oral or written |
| | [BNMU2_U11] Skillfully argues using the acquired knowledge in an in-depth way. Analyses phenomena, trends and threats to the social, political, legal, economic and ethical order and uses tools and methods specific to security sciences in interdisciplinary projects. | He skillfully argues knowledge about the functioning of civil protection systems. He analyzes social phenomena in this area and draws appropriate conclusions | [SU1] oral statement/conversation/ discussion |
| | [BNMU2_U06] Is able to organise and analyse the causes and effects of security threats and indicates important countermeasures, skillfully arguing and using the acquired knowledge to convey knowledge in oral and/ or written statements in the field of security. | He is capable of organizing and analyzing the causes and effects of social security threats and identifies significant preventive measures, skillfully arguing for their application within civil protection. | [SU8] observation of student's independent or team work |
| | [BNMU2_U03] Analyses in-depth the causes and course of processes and their evolution related to security, predicts challenges, trends and threats to the social, political, legal, economic and ethical environment using tools and methods specific to security sciences. | He analyzes the causes and progression of processes and their evolution related to security, forecasting challenges, trends, and threats to the social, political, legal, and economic aspects of activities within civil protection systems. | [SU8] observation of student's independent or team work |
| | [BNMU2_U04] Uses advanced knowledge of normative systems regarding public safety to respond to emerging challenges adequately. | He uses advanced knowledge of the normative systems related to civil protection systems. | [SU4] test/exam - oral or written |
| | [BNMU2_U12] Is thoroughly prepared to actively participate in public life, to work in public institutions and organisations, with particular emphasis on public administration and uniformed services and international security management institutions. | He is thoroughly prepared to actively participate in public life and to work in institutions and public organizations, with particular emphasis on public administration and uniformed services that perform tasks in the area of civil protection. | [SU1] oral statement/conversation/ discussion |

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| [BNMU2_K01] Is prepared to be active in the labour market in the area of security, is aware of the need to independently improve qualifications, collect and analyse information, critically assesses the knowledge possesses and acquires. | He is prepared for activities in the job market in the field of security and understands the necessity of continuously improving his qualifications independently.<br><br>He is prepared for activities in the job market in the field of security and understands the necessity of continuously improving his qualifications independently.<br><br>He is prepared for activities in the job market in the field of security and understands the necessity of continuously improving his qualifications independently. | [SK1] oral statement/conversation/ discussion |
| [BNMU2_W10] Has advanced knowledge of the activities of public institutions and structures operating for security. | He has knowledge about the functioning and tasks of various institutions carrying out duties within the different civil protection systems | [SW4] test/exam - oral or written |
| [BNMU2_W13] Understands and identifies risk management and decision-making mechanisms in an orderly and advanced manner, including the essence and importance of the relationship between the media and the sphere of security, including legal and ethical issues in the field of intellectual property and copyright protection. | He understands and identifies in an organized and advanced manner the risk management mechanisms in the area of identifying social threats. He knows the principles and significance of the relationship between the media and the security sector in connection with activities carried out within civil protection. | [SW1] oral statement/ conversation/discussion |
| [BNMU2_U08] Uses specialised language in communicating with the environment in the scientific community and beyond, and by undertaking discussions at an advanced level in the area of security presents and evaluates opinions on system solutions in the field of security. Notices social expectations regarding the compliance of the state's actions in relation to the identified threats related to its functioning, and is able to prioritise them. | He uses specialized industry language to communicate with the surrounding environment both within and outside the academic setting, and engages in advanced discussions in the area of public safety. | [SU4] test/exam - oral or written |
| [BNMU2_K05] Is prepared to professionally perform professional tasks in the field of security, observe and develop the principles of professional ethics, and conduct activities aimed at integrating the security environment, taking into account changing social needs. | He is prepared to professionally carry out duties in the field of citizen safety, adhere to and promote the principles of professional ethics, and conduct activities for integrated civil protection systems. | [SK4] test/exam - oral or written |
| [BNMU2_W03] Has advanced knowledge of the interdisciplinary nature of social, cultural, historical, ethical, legal and economic determinants of security and knows the use of multidimensional approaches to knowledge in the field of security. | He has advanced knowledge of the interdisciplinary nature of the social, cultural, historical, ethical, legal, and economic conditions affecting the functioning of civil protection systems. | [SW4] test/exam - oral or written |
| [BNMU2_U10] Is prepared to manage teams of people in an orderly manner, is able to prepare and implement projects, including those involving cooperation with other people and are interdisciplinary in nature, solves tasks in the field of planning security activities, taking into account legal and ethical aspects. | He is prepared to lead task teams operating within the frameworks of the national medical rescue system, the National Firefighting and Rescue System (KSRG), and civil defense. | [SU1] oral statement/conversation/ discussion<br>[SU4] test/exam - oral or written |

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| [BNMU2_U07] At an advanced level identifies and explains the conditions of state security and predicts the impact of social processes on security in particular in relation to the dependencies in which Poland participates. | He identifies and explains the conditions affecting national security and forecasts the impact of social processes on public safety, particularly in relation to the interdependencies of civil protection systems. | [SU1] oral statement/conversation/ discussion<br>[SU8] observation of student's independent or team work |
| [BNMU2_U09] Speaks foreign language at level B2 of the Common European Framework of Reference for Languages and uses specialised terminology in the field of security. | He uses terminology related to international cooperation in the field of civil defense. | [SU4] test/exam - oral or written |
| [BNMU2_U13] Conducts in a professional manner in professional work and public activities. | He behaves professionally in his professional work and public activities. | [SU4] test/exam - oral or written |
| [BNMU2_U05] In-depth indicates and explains the role of a democratic state and civil society in the area of security. | He deeply identifies and explains the role of the democratic state and civil society in the area of security. | [SU4] test/exam - oral or written |
| [BNMU2_W04] Knows in an extended way the principles of functioning of individuals and social groups in public life and understands the role of social institutions and organizations in this respect. Knows the conditions and forms of citizens' participation in social life at its various levels. | He has extensive knowledge of the principles governing the functioning of individuals and social groups in public life and understands the role of social institutions and organizations in relation to the functioning of various civil protection systems. | [SW1] oral statement/ conversation/discussion |
| [BNMU2_K02] Is prepared to be active in the labour market in the area of security, is aware of the need to independently and critically improve qualifications, collect and analyse information. | He is prepared for activities in the job market in the field of security. | [SK8] observation of student's independent or team work |
| [BNMU2_W12] Has in-depth knowledge of Poland's place and role in international security systems. | He has advanced knowledge about the place and role of Poland in relation to international civil protection systems | [SW4] test/exam - oral or written |

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| Subject contents | **Definitions and Basic Concepts**<br><br>• Definitions and basic concepts<br>• History and development of civil protection systems<br>• Importance of civil protection in the context of contemporary threats<br><br>2. National Firefighting and Rescue System (KSRG)<br><br>**Structure and Organization of KSRG**<br><br>• Structure and organization of KSRG<br>• Role of the State Fire Service and volunteer fire brigades<br>• Procedures for action in situations of fires, natural disasters, and other threats<br>• Cooperation with other rescue services and institutions<br><br>3. National Medical Rescue System (PRM)<br><br>**Structure and Organization of PRM**<br><br>• Structure and organization of PRM<br>• Role of medical rescue teams and hospital emergency departments<br>• Procedures for handling emergency illnesses and accidents<br>• Coordination of activities with other rescue services<br><br>4. Civil Defense<br><br>**Definition and Objectives of Civil Defense**<br><br>• Definition and objectives of civil defense<br>• Organizational structure of civil defense in Poland<br>• Tasks and responsibilities of institutions and citizens within civil defense<br>• Preparation and response to military-civil threats<br><br>5. Crisis Management<br><br>**Legal Foundations of Crisis Management**<br><br>• Legal foundations of crisis management<br>• Structure and organization of crisis management at the national, regional, and local levels<br>• Risk analysis and planning actions in crisis situations<br>• Coordination of rescue and relief operations<br><br>6. Threat Analysis and Risk Assessment<br><br>**Types of Threats**<br><br>• Types of threats (natural, technological, biological, terrorist)<br>• Methods of risk assessment and their application<br>• Strategies for prevention and risk minimization<br><br>7. Planning and Preparation for Crisis Situations<br><br>**Creating and Updating Crisis Management Plans**<br><br>• Creating and updating crisis management plans<br>• Exercises and simulations of crisis situations<br>• Training and raising awareness among employees and citizens<br><br>8. Intersectoral and International Cooperation<br><br>**Mechanisms of Cooperation**<br><br>• Mechanisms of cooperation between various sectors and institutions<br>• Role of international cooperation in civil protection systems<br>• Examples of international initiatives and projects<br><br>9. Technologies and Innovations in Civil Protection<br><br>**Modern Technologies in Rescue and Crisis Management** |

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<tr><td></td><td colspan="3">• Modern technologies in rescue and crisis management<br>• Information and communication systems in civil protection<br>• Future directions of technology development in the field of security</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td></td><td>60.0%</td><td>80.0%</td></tr><tr><td></td><td>60.0%</td><td>20.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>• Marek Lisiecki, "Bezpieczeństwo publiczne: organizacja i zarządzanie w sytuacjach kryzysowych", Wydawnictwo Naukowe PWN, 2014.<br>• Eugeniusz Nowak, "System ratownictwa medycznego w Polsce", Wydawnictwo C.H. Beck, 2018.<br>• Jerzy Konieczny, "Zarządzanie ryzykiem w bezpieczeństwie narodowym", Wydawnictwo Bellona, 2017.<br>• Piotr Sienkiewicz, "Systemy zarządzania kryzysowego", Wydawnictwo Akademickie SEDNO, 2011.<br>• Zbigniew Ścibiorek, "Ratownictwo i ochrona ludności", Wydawnictwo Adam Marszałek, 2019.</td></tr>
<tr><td>Supplementary literature</td><td>• Paul C. Light, "The Crisis Manager: Facing Disasters, Conflicts, and Failures", Routledge, 2017.<br>• David A. McEntire, "Introduction to Homeland Security: Understanding Terrorism Prevention and Emergency Management", Wiley, 2018.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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| Example issues/ example questions/ tasks being completed | **National Firefighting and Rescue System (KSRG):**<br><br>• Describe the structure and organization of the National Firefighting and Rescue System (KSRG). What roles do the State Fire Service and volunteer fire brigades play in this system?<br>• Explain how KSRG cooperates with other rescue services and institutions during natural disasters and other threats.<br><br>**2. National Medical Rescue System (PRM):**<br><br>• Discuss the structure and organization of the National Medical Rescue System (PRM). What are the main tasks of medical rescue teams and hospital emergency departments?<br>• Describe the procedures for handling emergencies such as sudden illnesses and accidents and discuss the coordination of PRM activities with other rescue services.<br><br>**3. Civil Defense:**<br><br>• Define the concept of civil defense and explain its main objectives. What tasks do institutions and citizens carry out within the framework of civil defense?<br>• Describe the organizational structure of civil defense in Poland and the preparation and response to military-civil threats.<br><br>**4. Crisis Management:**<br><br>• Present the legal foundations of crisis management in Poland. What are the main elements of the crisis management structure at the national, regional, and local levels?<br>• Explain the process of risk analysis and planning actions in crisis situations. What are the key stages in the coordination of rescue and relief operations?<br><br>**5. Threat Analysis and Risk Assessment:**<br><br>• List and discuss different types of threats that can affect public safety (e.g., natural, technological, biological, terrorist).<br>• Present the methods of risk assessment and their practical application. What strategies can be implemented to prevent and minimize risk?<br><br>**6. Planning and Preparation for Crisis Situations:**<br><br>• Describe the process of creating and updating crisis management plans. What elements should be included in such plans?<br>• Discuss the importance of exercises and simulations of crisis situations. What benefits do training and awareness-raising activities bring to employees and citizens?<br><br>**7. Intersectoral and International Cooperation:**<br><br>• Explain the mechanisms of cooperation between various sectors and institutions in the area of civil protection. What are the benefits of such cooperation?<br>• Present examples of international initiatives and projects in the field of civil protection. What role does international cooperation play?<br><br>**8. Technologies and Innovations in Civil Protection:**<br><br>• Discuss modern technologies used in rescue and crisis management. What information and communication systems are applied in civil protection?<br>• Present future directions of technology development in the field of security. What innovations can enhance the effectiveness of protective measures? |
| Work placement | Not applicable |

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