



## Subject card

|   |  |  |  |                                     |  |            |     |
|---|--|--|--|-------------------------------------|--|------------|-----|
| Subject name and code                       | Enterprise Risk and Safety Management, PG_00038021   |  |  |                                     |  |            |     |
| Field of study                              | Management, Management   |  |  |                                     |  |            |     |
| Date of commencement of studies             | October 2023   |  | Academic year of realisation of subject  |                                     | 2023/2024  |            |     |
| Education level                             | second-cycle studies   |  | Subject group  |                                     | Optional subject group<br>Subject group related to scientific research in the field of study |            |     |
| Mode of study                               | Part-time studies  |  | Mode of delivery   |                                     | blended-learning   |            |     |
| Year of study                               | 1  |  | Language of instruction  |                                     | Polish   |            |     |
| Semester of study                           | 2  |  | ECTS credits   |                                     | 2.0  |            |     |
| Learning profile                            | general academic profile   |  | Assessment form  |                                     | assessment   |            |     |
| Conducting unit                             | Department of Informatics in Management -> Faculty of Management and Economics   |  |  |                                     |  |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor   |  | mgr inż. Jerzy Grabosz   |                                     |  |            |     |
|   | Teachers   |  | mgr inż. Jerzy Grabosz   |                                     |  |            |     |
| Lesson types and methods of instruction     | Lesson type  | Lecture  | Tutorial   | Laboratory                          | Project  | Seminar    | SUM |
|   | Number of study hours  | 8.0  | 8.0  | 0.0                                 | 0.0  | 0.0        | 16  |
|   | E-learning hours included: 12.0  |  |  |                                     |  |            |     |
| 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  | 16   |  | 4.0                                 |  | 30.0       | 50  |
| Subject objectives                          | The acquisition by students of knowledge of the principles of safety management, physical security and information security in the enterprise.   |  |  |                                     |  |            |     |
| Learning outcomes                           | Course outcome   |  | Subject outcome  |                                     | Method of verification   |            |     |
|   | [K7_W13] knows the legal aspects and principles of industrial property and copyright protection, as well as the necessity of managing intellectual property resources  |  | the student acquires the knowledge about the techniques and tools used to ensure information security in the enterprise. |                                     | [SW1] Assessment of factual knowledge  |            |     |
|   | [K7_W02] has an in-depth knowledge of classical and modern management concepts and their application in the management of modern organizations of various types  |  | the student acquires knowledge about the techniques and tools used in safety management in the enterprise                |                                     | [SW1] Assessment of factual knowledge  |            |     |
|   | [K7_U02] analyses complex economic processes and phenomena using selected methods and techniques for analysing socio-economic data, and formulates their own opinions and conclusions concerning these processes and phenomena |  | the student acquires the abilities to use the tools used in safety management of the enterprise.                         |                                     | [SU1] Assessment of task fulfilment  |            |     |

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| Subject contents   | <p>1. Organizational and economic aspects of security management in the enterprise. Quality management and safety management in the modern enterprise. Employer's obligations in the field of security management.</p> <p>2. The regulations of concerning the safety management in the enterprise. Techniques of identifying threats. Functional process safety.</p> <p>3. Managing for work safety. Identification of occupational hazards. Accidents in the work process and their analysis. Quantitative techniques of risks' assessment. Hazards' analysis with techniques FTA. Methods of risk assessment. Policy of documenting the results of risk assessment. Technical, organizational and cultural measures to reduce risks.</p> <p>4. Legal basis of health and safety management system. The concept and elements of the security system. Process management of health and safety management. Preparing of the system procedures. The cost calculation of implementing OHS management system. Health and safety management system certification.</p> <p>5. Safety in the operation of machinery and equipment. Organization of maintenance. Training and motivating of employees to safe behavior.</p> <p>6. Safety and protection of material resources of the company. Physical protection. Electronic devices and monitoring systems in the enterprise.</p> <p>7. Information security management. Policy enterprise IT and security management. Systems for video surveillance and monitoring of user activities on computer networks.</p> <p>8. Economic aspects of the selection of technical and organizational securities to continue the enterprise.</p> |                   |   |
| Prerequisites and co-requisites                                | No   |                   |   |
| Assessment methods and criteria                                | Subject passing criteria   | Passing threshold | Percentage of the final grade   |
|  | Test   | 60.0%             | 50.0%   |
|  | Practical exercises  | 60.0%             | 50.0%   |
| Recommended reading  | Basic literature   |                   | <p>Podgórski D., Pawłowska Z.: Podstawy systemowego zarządzania bezpieczeństwem i higieną pracy CIOP Warszawa 2004</p> <p>Wołowski F., Zawila-Niedźwiecki J.: Bezpieczeństwo systemów informatycznych. Wyd. Edu-Libri 2013.</p>   |
|  | Supplementary literature   |                   | No  |
|  | eResources addresses   |                   | <p>Adresy na platformie eNauczanie:</p> <p>Zarządzanie ryzykiem i bezpieczeństwem w przedsiębiorstwie (SN) - lato 2023/2024 - Moodle ID: 37479</p> <p><a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37479">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=37479</a></p> |
| Example issues/<br>example questions/<br>tasks being completed |  |                   |   |
| Work placement   | Not applicable   |                   |   |