



Subject card

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|---|---|--|---|-------------------------------------|--|------------|-----|
| Subject name and code | ANALYSIS OF ECONOMIC RISK, PG_00044964 | | | | | | |
| Field of study | Economic Analytics | | | | | | |
| Date of commencement of studies | October 2022 | Academic year of realisation of subject | | | 2023/2024 | | |
| Education level | second-cycle studies | Subject group | | | Optional subject group Subject group related to scientific research in the field of study | | |
| Mode of study | Full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 2 | Language of instruction | | | English | | |
| Semester of study | 3 | ECTS credits | | | 3.0 | | |
| Learning profile | general academic profile | Assessment form | | | assessment | | |
| Conducting unit | Department of Economic Analysis and Finance -> Faculty of Management and Economics | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr hab. inż. Tomasz Korol | | | | |
| | Teachers | | dr hab. inż. Tomasz Korol | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 15.0 | 30.0 | 0.0 | 0.0 | 0.0 | 45 |
| | 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 | 45 | | 6.0 | | 24.0 | 75 |
| Subject objectives | <p>The objective of the course is to learn various types of risk in the economy, methods of risk hedging, and the role of financial management in minimizing and controlling the probability of risk.</p> <p>Students will be prepared to use the statistical models of risk assessment (e.g. discriminant analysis, decision trees, probit & logit models). They will also learn how to evaluate and manage the factors influencing financial situation of the enterprises. Furthermore, students will learn how to perform risk analysis in various sectors of industry .</p> | | | | | | |
| Learning outcomes | Course outcome | | Subject outcome | | Method of verification | | |
| | [K7_U02] can use theoretical knowledge in the field of economics and finance to obtain, analyse and interpret data on economic processes and phenomena and on their basis formulate own opinions | | Student is able to conduct economic risk analysis in the enterprises. | | [SU1] Assessment of task fulfilment | | |
| | [K7_W04] has an in-depth knowledge of identifying and explaining economic and financial phenomena on a local and international scale | | Student knows factors influencing the map or risks in the firms. | | [SW2] Assessment of knowledge contained in presentation | | |

| Subject contents | 1. Introduction to the course 2. Business activities of enterprises 3. The role of risk management 4. The tools of risk management 5. Measuring the level of economic risk 6. Symptoms and causes of business bankruptcies 7. Methods of risk hedging 8. Map of risk 9. The use of discriminant analysis models 10. The use of logit models 11. The use of decision trees 12. Artificial intelligence in evaluation of financial standing of the enterprises | | | | | | | | | | | |
|--|--|--|--|--------------------------|-------------------|-------------------------------|--------------|-------|-------|---------|-------|-------|
| Prerequisites and co-requisites | | | | | | | | | | | | |
| Assessment methods and criteria | <table border="1"> <thead> <tr> <th data-bbox="456 1104 794 1137">Subject passing criteria</th> <th data-bbox="799 1104 1137 1137">Passing threshold</th> <th data-bbox="1142 1104 1469 1137">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 1137 794 1171">Presentation</td> <td data-bbox="799 1137 1137 1171">60.0%</td> <td data-bbox="1142 1137 1469 1171">30.0%</td> </tr> <tr> <td data-bbox="456 1171 794 1205">Project</td> <td data-bbox="799 1171 1137 1205">60.0%</td> <td data-bbox="1142 1171 1469 1205">70.0%</td> </tr> </tbody> </table> | | | Subject passing criteria | Passing threshold | Percentage of the final grade | Presentation | 60.0% | 30.0% | Project | 60.0% | 70.0% |
| Subject passing criteria | Passing threshold | Percentage of the final grade | | | | | | | | | | |
| Presentation | 60.0% | 30.0% | | | | | | | | | | |
| Project | 60.0% | 70.0% | | | | | | | | | | |
| Recommended reading | Basic literature | Crouhy M., Galai D., Mark R. (2014), The essentials of risk management, 2nd edition, McGraw Hill. Thompson C., Hopkin P. (2021), Fundamentals of risk management: understanding, evaluating and implementing effective enterprise risk management, 6th edition. Kogan Page. | | | | | | | | | | |
| | Supplementary literature | Messenger I. (2023), Risk assessment and management: fundamentals of effective risk management. Sherman Press. Altman E. (1993), Corporate financial distress, John Wiley & Sons, New York. | | | | | | | | | | |
| | eResources addresses | Adresy na platformie eNauczanie: Analysis of Economic Risk 2023/2024 - Moodle ID: 34060 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=34060 | | | | | | | | | | |
| Example issues/ example questions/ tasks being completed | Analysis of factors influencing economic risk. Case study of Polish enterprises. Preparing the map of risk for chosen company. | | | | | | | | | | | |
| Work placement | Not applicable | | | | | | | | | | | |