

## 。 GDAŃSK UNIVERSITY OF TECHNOLOGY

## Subject card

| Subject name and code                          | ECONOMIC RISK ANALYSIS, PG_00068656                                                                                                                                                                                                                                                                      |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------|-------------------------------|----------------|--|
| Field of study                                 | Economic Analytics                                                                                                                                                                                                                                                                                       |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
| Date of commencement of studies                | October 2025                                                                                                                                                                                                                                                                                             |                                                                | Academic year of realisation of subject                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | 2025/2026                                                                                              |                               |                |  |
| Education level                                | second-cycle studies                                                                                                                                                                                                                                                                                     |                                                                | Subject group                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | Obligatory subject group in the field of study                                                         |                               |                |  |
|                                                |                                                                                                                                                                                                                                                                                                          |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | Subject group related to scientific research in the field of study                                     |                               |                |  |
| Mode of study                                  | Part-time studies                                                                                                                                                                                                                                                                                        |                                                                | Mode of delivery                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | at the university                                                                                      |                               |                |  |
| Year of study                                  | 1                                                                                                                                                                                                                                                                                                        |                                                                | Language of instruction                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | Polish                                                                                                 |                               |                |  |
| Semester of study                              | 1                                                                                                                                                                                                                                                                                                        |                                                                | ECTS credits                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | 4.0                                                                                                    |                               |                |  |
| Learning profile                               | general academic profile                                                                                                                                                                                                                                                                                 |                                                                | Assessment form                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | assessment                                                                                             |                               |                |  |
| Conducting unit                                | Department Of Finan                                                                                                                                                                                                                                                                                      | of Management                                                  | /działy Politechniki Gdańskiej                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
| Name and surname                               | Subject supervisor                                                                                                                                                                                                                                                                                       |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
| of lecturer (lecturers)                        | Teachers                                                                                                                                                                                                                                                                                                 |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
| Lesson types and methods                       | Lesson type                                                                                                                                                                                                                                                                                              | Lecture                                                        | Tutorial                                                                                                                                                    | Laboratory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Projec    | t                                                                                                      | Seminar                       | SUM            |  |
| of instruction                                 | Number of study hours                                                                                                                                                                                                                                                                                    | 8.0                                                            | 0.0                                                                                                                                                         | 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.0       |                                                                                                        | 0.0                           | 24             |  |
|                                                | E-learning hours inclu                                                                                                                                                                                                                                                                                   | ided: 0.0                                                      |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
| Learning activity<br>and number of study hours | Learning activity                                                                                                                                                                                                                                                                                        | Participation in didactic<br>classes included in study<br>plan |                                                                                                                                                             | Participation in Second |           | Self-st                                                                                                | Self-study SUM                |                |  |
|                                                | Number of study hours                                                                                                                                                                                                                                                                                    | study 24                                                       |                                                                                                                                                             | 4.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | 72.0 100                                                                                               |                               | 100            |  |
| Subject objectives                             | Identifies various type                                                                                                                                                                                                                                                                                  | es of risk in eco                                              | pnomics and ap                                                                                                                                              | preciates the r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ole of fi | nancial                                                                                                | management                    | in controlling |  |
| Learning outcomes                              | Course out                                                                                                                                                                                                                                                                                               | come                                                           | Subject outcome                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | Method of verification                                                                                 |                               |                |  |
|                                                | [K7_W04] has an in-depth<br>understanding of analytical<br>methods, reliable data sources,<br>and copyright principles in the<br>context of solving contemporary<br>socio-economic problems.                                                                                                             |                                                                | determining the causes of its occurrence and the effects it may                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | [SW2] Assessment of knowledge<br>contained in presentation<br>[SW1] Assessment of factual<br>knowledge |                               |                |  |
|                                                | [K7_K01] is ready to critically<br>evaluate his/her knowledge in<br>economic analytics and seek<br>expert opinions when facing<br>difficulties in solving a problem<br>independently.                                                                                                                    |                                                                | classifies and evaluates risks and<br>applies various methods of<br>securing against economic risk,<br>using in-depth knowledge of<br>economics and finance |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | [SK5] Assessment of ability to<br>solve problems that arise in<br>practice                             |                               |                |  |
| Subject contents                               | Introduction to the subject<br>Types of economic activity of companies<br>The role of risk management<br>Risk management methods<br>Measurement of economic risk in an enterprise<br>Symptoms and causes of bankruptcy of enterprises<br>Methods of hedging against economic risk<br>Enterprise risk map |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
| Prerequisites<br>and co-requisites             |                                                                                                                                                                                                                                                                                                          |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |                                                                                                        |                               |                |  |
| Assessment methods<br>and criteria             | Subject passing criteria                                                                                                                                                                                                                                                                                 |                                                                | Pass                                                                                                                                                        | Passing threshold                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |                                                                                                        | Percentage of the final grade |                |  |
|                                                | Presentation                                                                                                                                                                                                                                                                                             |                                                                | 90.0%                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | 30.0%                                                                                                  |                               |                |  |
|                                                | Project                                                                                                                                                                                                                                                                                                  |                                                                | 50.0%                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | 70.0%                                                                                                  |                               |                |  |
| Recommended reading                            | Basic literature Decker A., Galer D.: Enterprise Risk Management, CreateSpace Independent Publishing Platform, 2013                                                                                                                                                                                      |                                                                |                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           | eSpace                                                                                                 |                               |                |  |

|                                                                | Supplementary literature                                                                                                                       | Altman E.: Corporate financial distress, John Wiley & Sons, Nowy J<br>1993<br>Eric A. Helfert: Financial Analysis Tools and Techniques - A Guide<br>Managers, McGraw-Hill Inc., 2001<br>Madura Jeff.: International financial management, 8ed, Ohio, Thom<br>South Western 2006 |  |  |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|                                                                | eResources addresses                                                                                                                           | Adresy na platformie eNauczanie:                                                                                                                                                                                                                                                |  |  |
| Example issues/<br>example questions/<br>tasks being completed | Analysis of factors affecting economic risks<br>Case study of Polish joint-stock companies<br>Development of a risk map for a selected company |                                                                                                                                                                                                                                                                                 |  |  |
| Work placement                                                 | Not applicable                                                                                                                                 |                                                                                                                                                                                                                                                                                 |  |  |

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