



## Subject card

|                                             |                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                                                                                                                                    |                                     |                                                                                                                                                                          |            |     |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | MICROECONOMICS, PG_00070665                                                                                                                                                                                                                                                                                                                               |                                                          |                                                                                                                                                                                                    |                                     |                                                                                                                                                                          |            |     |
| Field of study                              |                                                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                                                                                                                                    |                                     |                                                                                                                                                                          |            |     |
| Date of commencement of studies             | October 2026                                                                                                                                                                                                                                                                                                                                              |                                                          | Academic year of realisation of subject                                                                                                                                                            |                                     | 2026/2027                                                                                                                                                                |            |     |
| Education level                             | first-cycle studies                                                                                                                                                                                                                                                                                                                                       |                                                          | Subject group                                                                                                                                                                                      |                                     | Obligatory subject group in the field of study<br>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                               | 1                                                                                                                                                                                                                                                                                                                                                         |                                                          | Language of instruction                                                                                                                                                                            |                                     | English                                                                                                                                                                  |            |     |
| Semester of study                           | 1                                                                                                                                                                                                                                                                                                                                                         |                                                          | ECTS credits                                                                                                                                                                                       |                                     | 5.0                                                                                                                                                                      |            |     |
| Learning profile                            | general academic profile                                                                                                                                                                                                                                                                                                                                  |                                                          | Assessment form                                                                                                                                                                                    |                                     | exam                                                                                                                                                                     |            |     |
| Conducting unit                             | Department of Entrepreneurship -> Faculty of Management and Economics -> Faculties of Gdańsk University of Technology                                                                                                                                                                                                                                     |                                                          |                                                                                                                                                                                                    |                                     |                                                                                                                                                                          |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                                                                                                                                                                        |                                                          | dr Aniela Mikulska                                                                                                                                                                                 |                                     |                                                                                                                                                                          |            |     |
|                                             | Teachers                                                                                                                                                                                                                                                                                                                                                  |                                                          |                                                                                                                                                                                                    |                                     |                                                                                                                                                                          |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                                                                                                                                                                                               | Lecture                                                  | Tutorial                                                                                                                                                                                           | Laboratory                          | Project                                                                                                                                                                  | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                                                                                                                                                                                                     | 30.0                                                     | 30.0                                                                                                                                                                                               | 0.0                                 | 0.0                                                                                                                                                                      | 0.0        | 60  |
|                                             | 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                                                                                                                                                                                                                                                                                                                                     | 60                                                       |                                                                                                                                                                                                    | 3.0                                 |                                                                                                                                                                          | 62.0       | 125 |
| Subject objectives                          | preparing students to analyze, interpret and solve problems related to the functioning of economic entities and market mechanisms, based on knowledge of microeconomics, in the context of making economic decisions in the realities of a market economy, and shaping an attitude of critical evaluation of information and responsible decision-making. |                                                          |                                                                                                                                                                                                    |                                     |                                                                                                                                                                          |            |     |
| Learning outcomes                           | Course outcome                                                                                                                                                                                                                                                                                                                                            |                                                          | Subject outcome                                                                                                                                                                                    |                                     | Method of verification                                                                                                                                                   |            |     |
|                                             | [K6_K03] is prepared to critically assess the knowledge they possess, which is necessary for solving cognitive and practical problems, and to supplement any gaps with opinions from external experts.                                                                                                                                                    |                                                          | is ready to critically evaluate their knowledge of microeconomics, verify the adequacy of applied models, and incorporate expert opinions when formulating conclusions                             |                                     | [SK5] Assessment of ability to solve problems that arise in practice                                                                                                     |            |     |
|                                             | [K6_U01] is able to analyze and evaluate complex processes in terms of their improvement, using various methods, including analytical and simulation techniques.                                                                                                                                                                                          |                                                          | can analyse and interpret microeconomic phenomena in enterprises operating in a market economy, applying diverse methods to solve decision-making problems.                                        |                                     | [SU2] Assessment of ability to analyse information<br>[SU4] Assessment of ability to use methods and tools<br>[SU5] Assessment of ability to present the results of task |            |     |
|                                             | [K6_W01] understands and comprehends the conditions of processes occurring in the analyzed systems at an advanced level and selects appropriate methods for their solution, taking into account the complex relationships between the analyzed phenomena.                                                                                                 |                                                          | has an advanced knowledge and understanding of economic problems, selects methods for solving them in the context of the behavior of market participants and the optimization of achieved results. |                                     | [SW1] Assessment of factual knowledge                                                                                                                                    |            |     |

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|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Subject contents                                               | Course content – lecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
|                                                                | <div>1. Introduction to economics - Basics of economic thinking</div> <div>2. Market forces and market balance</div> <div>3. Price elasticity of supply and demand</div> <div>4. Other elasticities of demand - income and mixed</div> <div>5. Production theory - short and long term</div> <div>6. Cost theory - short and long term</div> <div>7. Perfect competition market and the consequences of exogeneity of prices in an enterprise</div> <div>8. Pure monopoly market</div> <div>9. Price differentiation in a monopoly</div> <div>10. Monopolistic competition</div> <div>11. Oligopoly</div> |                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
|                                                                | Course content – exercises                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
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| Prerequisites and co-requisites                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
| Assessment methods and criteria                                | Subject passing criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Passing threshold                                                                                                                                                                                                                                                                                                                                                                                                             | Percentage of the final grade |
|                                                                | activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.0%                                                                                                                                                                                                                                                                                                                                                                                                                          | 10.0%                         |
|                                                                | Written exam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60.0%                                                                                                                                                                                                                                                                                                                                                                                                                         | 50.0%                         |
|                                                                | Two written tests                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60.0%                                                                                                                                                                                                                                                                                                                                                                                                                         | 40.0%                         |
| Recommended reading                                            | Basic literature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <div>1. Mankiw N.G., Taylor M.P, (2015). Mikroekonomia, Warszawa: PWE</div> <div>2. Steven A. Greenlaw, David Shapiro, Waldemar Karpa (2022) Mikroekonomia Podstawy, OpenStax Poland, Warszawa</div>                                                                                                                                                                                                                          |                               |
|                                                                | Supplementary literature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <div>1. Ossowski, J.Cz. (2021). Mikroekonomia podręcznik pdf, Politechnika Gdańska</div> <div>2. Krugman,P., Wells, R. (2020). Mikroekonomia, Warszawa: PWN</div> <div>3. Piotr Bucki (2022), Sapiens na zakupach. O tym, jak i dlaczego wybieramy, oceniamy, kupujemy. Wydawnictwo Naukowe PWN</div> <div>4. Dan Ariely (2018), Potęga irracjonalności. Ukryte siły, które wpływają na nasze decyzje, Smak Słowa Sopot</div> |                               |
|                                                                | eResources addresses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
| Example issues/<br>example questions/<br>tasks being completed | <div>• What is opportunity cost?</div> <div>• Describe the changes in the market after the introduction of a minimum price.</div> <div>• Indicate the barriers protecting a monopolistic market.</div> <div>• Why is a perfectly competitive market considered efficient?</div>                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |
| Practical activities within the subject                        | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |                               |

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