



## Subject card

|   |  |  |  |                                     |  |            |     |
|---|--|--|--|-------------------------------------|--|------------|-----|
| Subject name and code                       | Psychological aspects of assessment and decision making, PG_00045306   |  |  |                                     |  |            |     |
| Field of study                              | Data Engineering   |  |  |                                     |  |            |     |
| Date of commencement of studies             | October 2024   | Academic year of realisation of subject                  |  |                                     | 2025/2026  |            |     |
| Education level                             | first-cycle studies  | Subject group  |  |                                     | Optional subject group<br>Humanistic-social subject group  |            |     |
| Mode of study                               | Full-time studies  | Mode of delivery   |  |                                     | at the university  |            |     |
| Year of study                               | 2  | Language of instruction                                  |  |                                     | English  |            |     |
| Semester of study                           | 4  | ECTS credits   |  |                                     | 3.0  |            |     |
| Learning profile                            | general academic profile   | Assessment form  |  |                                     | assessment   |            |     |
| Conducting unit                             | Department of Entrepreneurship -> Faculty of Management and Economics  |  |  |                                     |  |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor   |  | dr Paweł Ziemiański  |                                     |  |            |     |
|   | Teachers   |  | dr Paweł Ziemiański  |                                     |  |            |     |
| Lesson types and methods of instruction     | Lesson type  | Lecture  | Tutorial   | Laboratory                          | Project  | Seminar    | SUM |
|   | Number of study hours  | 0.0  | 30.0   | 0.0                                 | 0.0  | 0.0        | 30  |
|   | E-learning hours included: 0.0   |  |  |                                     |  |            |     |
| Learning activity and number of study hours | Learning activity  | Participation in didactic classes included in study plan |  | Participation in consultation hours |  | Self-study | SUM |
|   | Number of study hours  | 30   |  | 2.0                                 |  | 43.0       | 75  |
| Subject objectives                          | <p>- To realize major psychological mechanisms that govern processes and outcomes of social cognition and assessment of people and situations.</p> <p>-To get acquainted with psychological aspects of decision making, including both rational, considerate processes and simplified, heuristic processes. -</p> <p>To realize how this processes operate in important aspects of human activities, including group decisions, financial decisions, decisions involving risks, decisions involving perception of time and other significant life choices.</p> |  |  |                                     |  |            |     |
| Learning outcomes                           | Course outcome   |  | Subject outcome  |                                     | Method of verification   |            |     |
|   | [K6_K02] makes competent and ethical decisions to create and maintain economic, social and environmental values  |  | The student makes competent and ethical decisions, considering the psychological, ethical, and cultural conditions of the decision-making process.   |                                     | [SK4] Assessment of communication skills, including language correctness<br>[SK5] Assessment of ability to solve problems that arise in practice |            |     |
|   | [K6_K01] demonstrates awareness of legal, ethical and cultural diversity issues, making socially responsible decisions   |  | The student demonstrates awareness of the psychological, ethical, and cultural aspects of decision-making, taking into account heuristics, deviations from rationality, cultural differences, and individual and group decision-making processes |                                     | [SK4] Assessment of communication skills, including language correctness<br>[SK1] Assessment of group work skills                                |            |     |
|   | [K6_W07] analyzes business processes in an advanced way in the technical, legal, economic, financial and social context  |  | The student analyzes the psychological aspects of assessment and decision-making in a business context   |                                     | [SW2] Assessment of knowledge contained in presentation  |            |     |
| Subject contents                            | Heuristics and biases in decision making; Rational and optimal decisions; Cultural differences pertaining to decision making processes; Processes affecting group decision making; Financial decision making and the psychology of money; Individual differences in decision making and cognitive styles; Social cognition theoretical models: Assessment of individuals and social situations; Creative thinking and decision making; Facilitation of decision making processes   |  |  |                                     |  |            |     |

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| Prerequisites and co-requisites                                |   |  |                               |
| Assessment methods and criteria                                | Subject passing criteria  | Passing threshold  | Percentage of the final grade |
|  | Final project   | 0.0%   | 40.0%                         |
|  | Passing a half semester test  | 0.0%   | 30.0%                         |
|  | Class participation and contribution  | 0.0%   | 30.0%                         |
| Recommended reading  | Basic literature  | Kahneman, D. <i>Thinking, fast and slow</i> . Penguin Books 2012<br><br>Maruszewski, T. <i>Psychologia poznania</i> . GWP. 2016<br><br>Nisbett, R. <i>The Geography of Thought: How Asians and Westerners Think Differently...and why</i> . Free Press. 2003 |                               |
|  | Supplementary literature  | Thaler, R.H., Sunstein, C. R. <i>Nudge</i> . Yale University Press 2008  |                               |
|  | eResources addresses  | Adresy na platformie eNauczanie:   |                               |
| Example issues/<br>example questions/<br>tasks being completed | Describe the availability heuristic. How can it lead to accurate and how to wrong conclusions?<br><br>Suggest a method that can limit the negative effects of human deviations from rationality on decisions. |  |                               |
| Work placement   | Not applicable  |  |                               |

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