

## Subject card

|                                             |                                                                                                                                                                                                                                                                                                                                                |                                                          |                                         |                                     |                        |            |     |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|------------------------|------------|-----|
| Subject name and code                       | Contemporary Challenges in Management, PG_00177923                                                                                                                                                                                                                                                                                             |                                                          |                                         |                                     |                        |            |     |
| Field of study                              | Finance and Accounting, Informatics and Econometrics, Management                                                                                                                                                                                                                                                                               |                                                          |                                         |                                     |                        |            |     |
| Date of commencement of studies             | October 2025                                                                                                                                                                                                                                                                                                                                   |                                                          | Academic year of realisation of subject |                                     | 2025/2026              |            |     |
| Education level                             | Master's studies                                                                                                                                                                                                                                                                                                                               |                                                          | Subject group                           |                                     | Optional subject group |            |     |
| Mode of study                               | full-time studies                                                                                                                                                                                                                                                                                                                              |                                                          | Mode of delivery                        |                                     | at the university      |            |     |
| Year of study                               | 1                                                                                                                                                                                                                                                                                                                                              |                                                          | Language of instruction                 |                                     | English                |            |     |
| Semester of study                           | 2                                                                                                                                                                                                                                                                                                                                              |                                                          | ECTS credits                            |                                     | 5.0                    |            |     |
| Learning profile                            | academic                                                                                                                                                                                                                                                                                                                                       |                                                          | Assessment form                         |                                     | credit                 |            |     |
| Conducting unit                             |                                                                                                                                                                                                                                                                                                                                                |                                                          |                                         |                                     |                        |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                                                                                                                                                                             |                                                          | dr hab. Anna Dziadkiewicz               |                                     |                        |            |     |
|                                             | Teachers                                                                                                                                                                                                                                                                                                                                       |                                                          |                                         |                                     |                        |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                                                                                                                                                                                    | Lecture                                                  | Tutorial                                | Laboratory                          | Project                | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                                                                                                                                                                                          | 15.0                                                     | 45.0                                    | 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                                                       |                                         | 4.0                                 |                        | 61.0       | 125 |
| Subject objectives                          | The aim of the course is to introduce students to current challenges faced by organizations in a rapidly changing economic, technological, and social environment. Students will gain insights into global trends such as digitalization, sustainable development, demographic shifts, energy transition, and ethical and leadership dilemmas. |                                                          |                                         |                                     |                        |            |     |

| Learning outcomes | Course outcome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Subject outcome                                                                                                                                                                                             | Method of verification                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|                   | [FiRMU2_W01] The student possesses a thorough understanding of the development of theories in management, quality sciences, economics, and finance. They are well-versed in the nature and trends of these fields and recognize their significance within the broader context of social sciences, particularly in relation to finance and accounting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | The student has an advanced understanding of how economic, technological, and social changes affect the functioning of organizations across various sectors.                                                | [SW4] test/exam - oral or written                                                      |
|                   | [ZARZMU2_U06] Students can utilize and integrate structured, detailed knowledge of management, quality sciences, economics, and finance to address dilemmas and formulate solutions, including innovative ones, to complex or atypical management problems that arise in professional settings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | The student is able to apply and integrate structured, detailed knowledge from management, economics, and finance to identify and analyze complex or atypical managerial problems in professional settings. | [SU1] oral statement/conversation/discussion<br>[SU5] implementation of a problem task |
|                   | [IiEMU2_U06] Students can utilize structured and detailed knowledge of management, quality sciences, economics, and finance to address dilemmas and develop innovative solutions for complex or unusual problems that arise in professional settings.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | The student is able to use and integrate detailed knowledge from management, economics, and finance to identify and analyze complex and atypical problems encountered in professional practice.             | [SU1] oral statement/conversation/discussion<br>[SU5] implementation of a problem task |
|                   | [FiRMU2_U06] Students are equipped to apply their comprehensive knowledge of management, quality sciences, economics, and finance to address dilemmas and develop effective solutions— including innovative approaches— to complex or unusual problems encountered in the fields of finance and accounting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | The student is able to analyze complex or atypical managerial problems in the context of contemporary challenges by integrating knowledge from management, economics, and finance.                          | [SU1] oral statement/conversation/discussion<br>[SU5] implementation of a problem task |
|                   | [ZARZMU2_W01] The student has an in-depth knowledge and understanding of the theories in management, quality sciences, economics, and finance and their role within the social sciences. This knowledge is particularly relevant for making informed business decisions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | The student has an advanced understanding of selected contemporary theories and approaches in management, economics, and finance relevant to decision-making processes in organizations.                    | [SW4] test/exam - oral or written                                                      |
|                   | [IiEMU2_W01] The student possesses a profound understanding of the nature and evolution of theories in management, quality sciences, economics, and finance. They know these fields' significance within the broader social sciences. Additionally, the student learns the main trends in developing informatics and statistics tools.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | The student has an in-depth knowledge of contemporary concepts and theories in management related to current social, economic, and technological challenges.                                                | [SW4] test/exam - oral or written                                                      |
| Subject contents  | <p>Lectures:</p> <ol style="list-style-type: none"> <li>1. Introduction to contemporary management challenges</li> <li>2. Digitalisation, artificial intelligence and data analytics</li> <li>3. Sustainable development and ESG reporting</li> <li>4. Geopolitics, supply chain risk and organisational resilience</li> <li>5. Behavioural economics and bounded rationality of decision-makers</li> <li>6. Innovation, intrapreneurship and business model transformation</li> <li>7. Ethical leadership, corporate governance and compliance culture</li> </ol> <p>Recitations:</p> <p>Trend mapping workshop; Data analytics lab; Digital case study; ESG reporting simulation; Geopolitical scenario planning; Lean-Agile game; Decision-making under uncertainty; FinTech prototyping; Crisis-communication role-play; Design Thinking sprint; DEI workshop; Sustainable-finance lab; Risk-mitigation hackathon; Consulting clinic; Final presentations &amp; reflection.</p> |                                                                                                                                                                                                             |                                                                                        |

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|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Prerequisites and co-requisites                                | Students should have a basic understanding of: <ul style="list-style-type: none"><li>theories of organization and management,</li><li>microeconomics and macroeconomics,</li><li>fundamentals of finance and accounting,</li><li>analytical thinking skills and the ability to work with academic texts in English (some materials may be in English).</li></ul>                                                                               |                                                                                                                                                      |                               |
| Assessment methods and criteria                                | Subject passing criteria                                                                                                                                                                                                                                                                                                                                                                                                                       | Passing threshold                                                                                                                                    | Percentage of the final grade |
|                                                                | written assignment / final project                                                                                                                                                                                                                                                                                                                                                                                                             | 51.0%                                                                                                                                                | 60.0%                         |
|                                                                | class attendance                                                                                                                                                                                                                                                                                                                                                                                                                               | 51.0%                                                                                                                                                | 40.0%                         |
| Recommended reading                                            | Basic literature                                                                                                                                                                                                                                                                                                                                                                                                                               | 1. A. Lemańska-Majdzik, P. Tomski (Ed.), Challenges in contemporary management, Wydawnictwo Wydziału Zarządzania Politechniki Częstochowskiej, 2013. |                               |
|                                                                | Supplementary literature                                                                                                                                                                                                                                                                                                                                                                                                                       | Materials prepared by the lecturer.                                                                                                                  |                               |
|                                                                | eResources addresses                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                      |                               |
| Example issues/<br>example questions/<br>tasks being completed | <ol style="list-style-type: none"><li>How can organisations build resilience in times of geopolitical instability and supply chain disruptions?</li><li>How does implementing a culture of compliance affect a company's long-term value and reputation in the market?</li><li>Does the development of artificial intelligence in the financial sector threaten traditional professions or rather support decision-making processes?</li></ol> |                                                                                                                                                      |                               |
| Work placement                                                 | Not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                      |                               |

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