

## Subject card

| Subject name and code                       | SUSTAINABLE INNOVATION AND ENTREPRENEURSHIP, PG_00061592   |   |   |                                     |         |  |         |     |
|---|--|---|---|-------------------------------------|---------|--|---------|-----|
| Field of study                              | Management, Management   |   |   |                                     |         |  |         |     |
| Date of commencement of studies             | February 2025  |   | Academic year of realisation of subject   |                                     |         | 2025/2026  |         |     |
| Education level                             | second-cycle studies   |   | Subject group   |                                     |         | Specialty subject group Subject group related to scientific research in the field of study |         |     |
| Mode of study                               | Full-time studies  |   | Mode of delivery  |                                     |         | at the university  |         |     |
| Year of study                               | 1  |   | Language of instruction   |                                     |         | Polish   |         |     |
| Semester of study                           | 2  |   | ECTS credits  |                                     |         | 3.0  |         |     |
| Learning profile                            | general academic profile   |   | Assessment form   |                                     |         | assessment   |         |     |
| Conducting unit                             | Department of Entrep   | Faculty of Management and Economics         |   |                                     |         |  |         |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor   |   | dr Magdalena Popowska   |                                     |         |  |         |     |
|   | Teachers   | dr Magdalena Popowska                       |   |                                     |         |  |         |     |
| Lesson types and methods                    | Lesson type  | Lecture                                     | Tutorial  | Laboratory                          | Project |  | Seminar | SUM |
| of instruction                              | Number of study hours  | 15.0  | 30.0  | 0.0                                 | 0.0     |  | 0.0     | 45  |
|   | E-learning hours inclu   | ıded: 0.0                                   |   |                                     |         |  |         |     |
| Learning activity and number of study hours | Learning activity  | Participation in<br>classes include<br>plan |   | Participation in consultation hours |         | Self-study   |         | SUM |
|   | Number of study hours  | 45  |   | 5.0                                 |         | 25.0   |         | 75  |
| Subject objectives                          | Creates innovative organization management processes using the concept of sustainable development  |   |   |                                     |         |  |         |     |
| Learning outcomes                           | Course outcome Subject outcome Method of verification  |   |   |                                     |         |  |         |     |
|   | [K7_W06] identifies reliable sources of information relevant to the analyzed issues  |   | appropriately selects research<br>methods to analyze the market<br>and consumer expectations of<br>sustainable products and services          |                                     |         | [SW3] Assessment of knowledge contained in written work and projects                       |         |     |
|   | [K7_U01] creates innovative solutions to complex and unstructured problems, taking into account the variability of the environment by synthesising information from many sources   |   | creates innovative solutions to<br>complex problems in the<br>organization, combining different<br>approaches to achieve the<br>intended goal |                                     |         | [SU4] Assessment of ability to use methods and tools                                       |         |     |
| Subject contents                            | LECTURE Introduction to the course organization and requirements and the main topic Economic entrepreneurship theories in the light of current challenges Sustainable development and entrepreneurship: definitions, determinants, actors and processes A short debate between corporate social responsibility, sustainable development, and circular economy Types and characteristics of sustainable entrepreneurship and innovation Conditions for sustainable innovation: from administering a technical challenge to managing an entrepreneurial opportunity. Circular entrepreneurship ecosystems Sustainable innovation in high and low-tech-intensive sectors Open innovations and sustainability Social innovation and entrepreneurship as facilitators of the adoption of new industry practices Identifying and designing sustainable business models through sustainable value creation Ecopreneurship and ecopreneurs: limits, trends, and characteristics Green startups and their specific characteristics and challenges Sustainable entrepreneurship orientation (sustainable corporate entrepreneurship) Financing sustainable innovations and enterprises Summary TUTORIAL Creativity/innovation/entrepreneurship Recognizing a social and ecological problem Recognizing social and ecological opportunity Developing a triple-bottom-line solution Funding and forming a sustainable enterprise Creating or entering a sustainable market Business Model Canvas vs. Lean Canvas |   |   |                                     |         |  |         |     |

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| Prerequisites and co-requisites                                |  |  |                               |  |  |
|--|--|--|-------------------------------|--|--|
| Assessment methods and criteria                                | Subject passing criteria   | Passing threshold  | Percentage of the final grade |  |  |
|  | Tests in the semester  | 60.0%  | 100.0%                        |  |  |
| Recommended reading  | Basic literature   | Wagner, M. (ed.). (2017). Entrepreneurship, Innovation and Sustainability. Routledge Aagaard, A. (ed.). (2019). Sustainable Business Models, Innovation, Implementation and Success. Palgrave Macmillan Cham   |                               |  |  |
|  | Supplementary literature   | Bakry, D.S., Daim, T., Dabic, M., Yesilada, B. (2022). An evaluation of the effectiveness of innovation ecosystems in facilitating the adoption of sustainable entrepreneurship, Journal of Small Business Management, 1-27  Han, Y., Niu, Q. (2023). Enhancing green radical product innovation through sustainable entrepreneurship orientation and sustainable market orientation for sustainable performance: managerial implications from sports goods manufacturing enterprises of China, Economic Research-Ekonomska Istraživanja, 1-20 |                               |  |  |
|  | eResources addresses Adresy na platformie eNauczanie:  |  |                               |  |  |
| Example issues/<br>example questions/<br>tasks being completed | Define the sustainable development challenges and describe entrepreneurs' role in achieving the Sustainable Development Goals (SDGs)  What social and open innovations are? What is their place in todays economic reality?  Describe some characteristics and challenges of green startups?  What are the conditions for sustainable innovation? The role of the circular entrepreneurship ecosystems |  |                               |  |  |
| Work placement   | Not applicable   |  |                               |  |  |

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