

Subject card

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| Subject name and code | Green Technology and Investment Strategies, PG_00178758 | | | | | | |
| Field of study | Management | | | | | | |
| Date of commencement of studies | October 2026 | Academic year of realisation of subject | | | 2027/2028 | | |
| Education level | Master's studies | Subject group | | | Obligatory subject group in the field of study Optional subject group 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 | 2 | Language of instruction | | | Polish | | |
| Semester of study | 3 | ECTS credits | | | 4.0 | | |
| Learning profile | academic | Assessment form | | | credit | | |
| Conducting unit | Department of Investment and Real Estate -> Faculty of Management -> Rector | | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr inż. Aleksandra Koszarek-Cyra | | | | |
| | Teachers | | | | | | |
| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 16.0 | 8.0 | 0.0 | 0.0 | 0.0 | 24 |
| | 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 | 24 | | 1.0 | | 75.0 | 100 |
| Subject objectives | The objective of the course is to deepen students knowledge of contemporary sustainable investment trends and to demonstrate the interconnections between investing and climate regulations, the circular economy, social responsibility, and the energy transition. | | | | | | |

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| Learning outcomes | Course outcome | Subject outcome | Method of verification |
| | [ZARZMU2_U02] The student can identify complex issues related to the organization's operations, the processes within it, and its relationships with a changing environment, proposing appropriate and innovative solutions. | The student interprets socio-economic phenomena occurring in the investment environment and assesses their significance for financial and strategic decision-making from the perspective of ESG and sustainable development. | [SU2] presentation/project/paper/report |
| | [ZARZMU2_W06] The student possesses a thorough understanding of the principles of rational decision-making related to individual resources, functional areas within the organization, processes, and management levels. This understanding is based on a well-structured and theory-supported foundation in management, quality sciences, economics, and finance. | The student identifies and explains the principles of rational decision-making in the management of resources and functional areas of an organization in the context of implementing ESG strategies and the energy transition, applying economic and management knowledge. | [SW2] presentation/project/paper/report |
| | [ZARZMU2_W03] The student possesses a deep understanding of the relationship between the organization and its stakeholders. They are also aware of the complex phenomena and processes that occur in the organization's environment, including their variability and impact on the organization's functioning. | The student knows, understands, and is able to explain how complex and dynamic socio-economic phenomena influence the functioning of organizations and their investment decisions in the context of implementing sustainable development strategies (ESG, the circular economy, renewable energy sources). | [SW2] presentation/project/paper/report |
| [ZARZMU2_U01] Students can analyze and creatively interpret complex social and economic processes in business decision-making. They use structured knowledge and tools from management, quality sciences, economics, and finance. | The student diagnoses problems related to the adaptation of organizations to the principles of sustainable development, analyses their causes, and designs appropriate, including innovative, strategic solutions in the areas of ESG and the circular economy. | [SU2] presentation/project/paper/report | |
| Subject contents | <ol style="list-style-type: none"> 1. Concept Map: ESG, SRI, CE, Renewable Energy Sources (RES), Impact Investing 2. Regulatory Frameworks in the EU and Globally 3. Circular Economy (CE) Concepts and Applications 4. Investing in Renewable Energy Sources and Smart Grids 5. Green Building and Certification of Green Buildings 6. SRI Socially Responsible Investing 7. Sustainable Development in the Financial Sector | | |
| Prerequisites and co-requisites | Basic knowledge of investments | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
| | Projekt grupowy - Zadanie multimedialne: Krótki film edukacyjny lub kampania edukacyjna | 51.0% | 100.0% |
| Recommended reading | Basic literature | <ol style="list-style-type: none"> 1. United Nations Global Compact Poland. (2023). Zielone finanse w Polsce 2023. Warszawa: UNGC. 2. Fundacja EF Congress. (2020). Zielone obligacje w Polsce przewodnik dla emitenta. Warszawa. 3. Wardyński i Wspólnicy. (2024). ESG w pigułce prawne wyzwania zrównoważonego rozwoju. Warszawa. | |
| | Supplementary literature | <ol style="list-style-type: none"> (1) Szczepaniak, K., & Wojewnik-Filipkowska, A. (Eds.). (2014). Inwestycje i nieruchomości w warunkach zrównoważonego rozwoju: wybrane problemy. Sopot: Wydział Zarządzania Uniwersytetu Gdańskiego. (2) Postuła, M., Chmielewska, A., Cieśliak, R., & Lipski, M. (2023). Projekty inwestycyjne: jak nie wpaść w pułapkę (nie)zrównoważonego rozwoju. Warszawa: Difin. | |
| | eResources addresses | | |
| Example issues/ example questions/ tasks being completed | Greenwashing and Corporate Responsibility ESG in Real Estate New Technologies and Sustainable Investing The Circular Economy in Corporate Strategies Analysis of Companies Implementing CE | | |
| Work placement | Not applicable | | |

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