#### card of course

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| Subject name | Innovation management |

1. The placement of the subject in the study system

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| 1.1. Field of study | Management |
| 1.2. Form and path of study | Full-time/Part-time |
| 1.3. Level of education | First-cycle studies |
| 1.4. Study profile | Practical |

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| 1. 5. Specialty | - |
| 1.6. Subject Coordinator | Mgr Anna Bielak |

2. General characteristics of the subject

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| 2.1. Belonging to a subject group | directional/practical |
| 2.2. Number of ECTS | 1 |
| 2.3. Language of lectures | Polish |
| 2.4. Semesters in which the subject is taught | III |
| 2.5.Criteria for selecting course participants | - |

1. Learning outcomes and course delivery
   1. Subject Objectives

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| No. | Subject Objectives |
|
| C1 | Providing knowledge about types of innovations and key aspects of innovation management. |
| C2 | Presentation of knowledge on the principles of developing an innovation strategy and commercializing innovations |
| C3 | Acquiring the ability to develop individual stages of the innovation management process |
| C4 | Acquiring the ability to propose the implementation of innovations based on knowledge of the principles, methods and techniques of effective innovation |
| C5 | Developing skills for efficient management of innovation processes and showing the influence of the environment on the transfer of innovation. |

* 1. Subject-specific learning outcomes, divided into knowledge , skills and competences , with reference to the directional learning outcomes

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| --- | --- | --- | --- | --- | --- | --- |
| No. | Description of subject  learning outcomes | Reference to  directional effects  learning (symbols) | Method of implementation (mark "X") | | | |
| ST | | NST | |
| Classes at the University | Activities on  the platform | Classes at the University | Activities on  the platform |
| After passing the course, the student knows and understands **the knowledge** | | | | | | |
| W1 | Defines basic concepts in the field of innovation, distinguishes between different types of innovation and characterizes the importance of innovation in economic processes. | Z1\_W04  Z1\_W10  Z1\_W11 | X |  | X |  |
| W2 | Knows the types of innovation strategies and has knowledge on how to implement these strategies in different types of organizations | X |  | X |  |
| W3 | Has knowledge of innovation management problems in the context of challenges and threats occurring in the modern world | X |  | X |  |
| W4 | Knows, understands and distinguishes the individual stages of the innovation management process | X |  | X |  |
| After passing the course, the student is **able** to: | | | | | | |
| U1 | Is able to develop and describe the stages of the innovation management process | Z1\_U01  Z1\_U03  Z1\_U04  Z1\_U16 | X |  | X |  |
| U2 | Is able to propose the implementation of innovations based on knowledge of the principles, methods and techniques of effective innovation. | X |  | X |  |
| U3 | Is able to identify problems in innovation management in connection with the challenges and threats of the modern world. | X |  | X |  |
| After completing the course, the student is ready to take part in **social competences.** | | | | | | |
| K1 | Is willing to work in an ethical and responsible manner | Z1\_K01  Z1\_K06 | X |  | X |  |
| K2 | Able to work individually and in a team to solve problems in the field of innovation management | X |  | X |  |

3.3. Forms of teaching and their number of hours - Full-time studies (ST), Part-time studies (NST)

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Path | Lecture | Exercises | Design | Workshop | Laboratory | Seminar | Lecturer | Classes conducted using distance learning methods and techniques in the form of ……….. | Other | **ECTS points** |
| **ST** |  | 15 |  |  |  |  |  |  |  | 1 |
| **NST** |  | 10 |  |  |  |  |  |  |  | 1 |

3.4 . Content of education (separately for each form of classes: (W, ĆW, PROJ, WAR, LAB, LEK, OTHER). It should be marked (X) how the given content will be implemented (classes at the university or classes on the e-learning platform conducted using distance learning methods and techniques)

TYPE OF CLASSES: EXERCISES

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| --- | --- | --- | --- | --- | --- | --- |
| No. | Content of the course | Reference to subject-specific learning outcomes | Method of implementation (mark "X") | | | |
| ST | | NST | |
| **Classes at the University** | **Activities on  the platform** | **Classes at the University** | **Activities on  the platform** |
| 1. | Innovation Management – Definitions, Key Aspects, Types of Innovation | W1 | X |  | X |  |
| 2. | Innovation management systems and subsystems | W1 | X |  | X |  |
| 3. | Types of innovation strategies and key principles for their implementation | W2, U3 |  |  |  |  |
| 4. | The practice of innovator's activities | W3, W4, U2, U3 | X |  | X |  |
| 5. | Stages of the innovation management process | W4, U1, U2, U3, K1, K2 | X |  | X |  |
| 6. | Commercialization of innovation | W1, W3 |  |  |  |  |
| 6. | Discussion on the problems of innovation management in the context of challenges and threats occurring in the modern world | W3, U1, U2, U3, K1, K2 |  |  |  |  |
| 5. | Summary of classes and discussion of grades. |  | X |  | X |  |

3.5. Methods of verifying learning outcomes (indication and description of methods of conducting classes and verification of achievement of learning outcomes and method of documentation)

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| --- | --- | --- | --- |
| Subject Effects | Teaching methods | Methods of verifying learning outcomes | Documentation methods |
| KNOWLEDGE | | | |
| W1-W4 | Presentation of substantive content, case analysis, design thinking problem tasks | As part of the course credit, students solve a task that involves describing the individual stages of the innovation management process for a selected innovation project in a specific organization. | A graded assignment that will be archived on the platform |
| SKILLS | | | |
| U1-U4 | Presentation of substantive content, case analysis, design thinking problem tasks | As part of the course credit, students solve a task that involves describing the individual stages of the innovation management process for a selected innovation project in a specific organization. | A graded assignment that will be archived on the platform |
| SOCIAL COMPETENCES | | | |
| K1 -K2 | Presentation of substantive content, case analysis, design thinking problem tasks | As part of the course credit, students solve a task that involves describing the individual stages of the innovation management process for a selected innovation project in a specific organization. | A graded assignment that will be archived on the platform |

3.6. Assessment criteria for the achieved learning outcomes

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| Learning effect | For a grade of 3 or "pass."  the student knows and understands/is able to/is ready to | For a grade of 3.5, the student knows and understands/is able to/is ready to | For a grade of 4, the student knows and understands/is able to/is ready to | For a grade of 4.5, the student knows and understands/is able to/is ready to | For a grade of 5, the student knows and understands/is able to/is ready to |
| IN | 51-60% of knowledge indicated in learning outcomes | 61-70% of knowledge indicated in learning outcomes | 71-80% of knowledge indicated in learning outcomes | 81-90% of knowledge indicated in learning outcomes | 91-100% of knowledge indicated in learning outcomes |
| AT | 51-60% of skills indicated in learning outcomes | 61-70% of skills indicated in learning outcomes | 71-80% of skills indicated in learning outcomes | 81-90% of skills indicated in learning outcomes | 91-100% of skills indicated in learning outcomes |
| K | 51-60% of skills indicated in learning outcomes | 61-70% of skills indicated in learning outcomes | 71-80% of skills indicated in learning outcomes | 81-90% of skills indicated in learning outcomes | 91-100% of skills indicated in learning outcomes |

3.7. Literature

**Basic**

1. Zarębska Anna (red.), Using modern solutions in business, System-Graf, Lublin, 2010
2. Sitko Włodzimierz Jan (red.) Entrepreneurship creation in modern organizations, System-Graf, Lublin 2010
3. Ryszard Żuber, 2016, Zarządzanie innowacjami w przedsiębiorstwie, Wybrane aspekty, Wydawnictwo Difin, Warszawa

**Supplementary:**

1. Westover Jonathan H. (red.), Strategic organizational development and change, HCI Press Cincinnati, 2014
2. Sońta-Drączkowska E., Zarządzanie projektami we wdrażaniu innowacji, Polskie Wydawnictwo Ekonomiczne, Warszawa, 2018
3. Busławski A., Okipna I. (red.), Innowacyjne zarządzanie : studium przypadków, Difin, Warszawa, 2024

4. Student workload - ECTS points balance

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| --- | --- | --- |
| **Types of student activity** | **Student Load** | |
| **ST** | **NST** |
| **Classes requiring direct contact between the student and the academic teacher at the university premises** | **15** | **10** |
| Classes included in the study plan | 15 | 10 |
| **Student's own work** | **10** | **15** |
| Ongoing preparation for classes, preparation of project work/presentations/etc. | 5 | 8 |
| Preparation for passing classes | 5 | 7 |
| **TOTAL STUDENT HOURLY LOAD** | **25** | **25** |
| **Number of ECTS points** | **1** | **1** |

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| Last change date | 30/09/2024 |
| The changes were introduced | ZAZ Education Quality Team |
| The changes were approved | Mgr Anna Bielak |