#### card of course

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| Subject name | Design your own enterprise |

1. The placement of the subject in the study system

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| 1.1. Field of study | Computer science |
| 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 Maria Sieńko |

2. General characteristics of the subject

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

1. Learning outcomes and course delivery
   1. Subject Objectives

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| No. | Subject Objectives |
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| C1 | To familiarize students with the definition and function of a business plan and the basic concepts related to its construction and the stages of creating a business plan. |
| C2 | To familiarize students with the principles of organizing a business and the organizational and legal norms related to establishing a business. |
| C3 | Acquiring the ability to analyze the environment and competition, plan marketing activities and the potential of the project |
| C4 | Acquiring the ability to apply the basic principles of investment efficiency calculation |
| C5 | Acquiring the ability to apply investment risk calculation elements |
| C6 | Developing skills in calculating investment outlays and classifying operating costs and revenues |
| C7 | Familiarizing students with the basic problems related to a well-prepared investment project |
| C8 | Orienting students to think in an entrepreneurial and creative manner. |
| C9 | Acquiring skills in financial evaluation/analysis of a project |

* 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 | Knows the methods of calculating and describing basic financial analysis indicators | INF\_W15  INF\_W16 | X |  | X |  |
| W2 | Knows the objectives of the method and tasks of a business plan, knows the principles and concepts related to constructing a business plan, has knowledge about its importance in the enterprise and its environment | X |  | X |  |
| W3 | Understands the multidimensional nature of business ventures | X |  | X |  |
| W4 | Knows how to recognize and diagnose problems related to an investment project | X |  | X |  |
| W5 | Knows the organizational and legal norms of economic activity | X |  | X |  |
| After passing the course, the student is **able** to: | | | | | | |
| U1 | calculate basic economic values, revenues and operating costs related to the established business, apply appropriate methods and tools and is able to prepare a forecast scheme for working capital requirements | INF\_U01  INF\_U02  INF\_U06  INF\_U10  INF\_U31 | X |  | X |  |
| U2 | conduct an evaluation of investment projects and is able to assess basic financial functions | X |  | X |  |
| U3 | Obtain data, prepare an investment risk analysis for the planned business | X |  | X |  |
| U4 | Plan individual/group work in the development of a business plan at each stage and defend the results obtained in the scope of the prepared business plan | X |  | X |  |
| U5 | Determine the nature of the project, analyze the environment and competition, and plan the potential of the project | X |  | X |  |
| After completing the course, the student is ready to take part in **social competences.** | | | | | | |
| K1 | thinking and acting in an entrepreneurial manner, adopting an active attitude when carrying out tasks | INF\_K03 | 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 CLASS: PROJECT

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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. | Entrepreneurship and the entrepreneur.  Definition and function of a business plan and basic concepts related to its construction. Stages of creating a business plan. Organizational and legal norms related to starting a business. | W2, W3, W5 | X |  | X |  |
| 2. | Structure of a business plan. Definition of the subject and general characteristics of the project.  Analysis of the environment for the purposes of the business plan.  Market and competition analysis. Enterprise goals. Marketing plan. Project potential planning.  Risk analysis for business plan purposes  (exercises and case studies) | W2, U5, K1 | X |  | X |  |
| 3. | Financial Planning Exercises and Case Studies  - investment outlay calculation  - calculation of operating costs - direct costs and indirect costs  - calculation of depreciation costs  - Forecast of working capital demand, financial risk related to working capital  - Profit and loss account forecast - comparative and calculation variant  - Cash flow statement forecast - indirect method and direct method  - Balance sheet forecast | W1, U1, U2, K1 | X |  | X |  |
| 4. | Investment efficiency assessment | W1, W4, U2 | X |  | X |  |
| 5. | Investment risk calculation | W1, W4, U3, K1 | X |  | X |  |
| 6. | Financial analysis of the project | W1, U1, U2, K1 | X |  | X |  |
| 7. | Teamwork on a project – developing a business plan for a small company | U4, K1 | X |  | X |  |
| 8. | Presentation and defense of projects.  Summary of classes and discussion of grades. |  | X |  | X |  |

3.5. Methods of verifying learning outcomes (indicating and describing methods of conducting classes and verifying the achievement of learning outcomes, e.g. debate, case study, preparation and defense of a project, complex multimedia presentation, solving problem-solving tasks, situation simulations, study visit, simulation games + description of a given method):

Teaching methods: discussion of issues using multimedia presentations, practical exercises, case studies, project work

During the course, students perform three practical exercises on the following principles in the development, construction and preparation phases of an enterprise business plan:   
a) development of the strategic part of a business plan; b) development of the operational part of a business plan; c) development of the financial part of a business plan.

To pass students are required to complete all exercises during classes (30% of the final grade) and prepare a business plan for a small company in project groups of 3-4 people (70% of the final grade)

The works will be discussed during classes – students will present their works, and then each student will report on their participation in each stage of preparing the project and present their conclusions. Additionally, the instructor will start a discussion with the group, asking additional questions to check whether the student actively participated in preparing the work. This will allow for verification of the contribution and commitment of each student to the work, as well as the level of cooperation between students.

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| Subject Effects | Teaching methods | Methods of verifying learning outcomes | Documentation methods |
| KNOWLEDGE | | | |
| W1-W5 | Discussion of issues using multimedia presentations, practical exercises, case studies, project work | Performing exercises during classes, group project: developing a business plan | Graded worksheets, graded project |
| SKILLS | | | |
| U1-U5 | practical exercises, case studies, project work | Performing exercises during classes, group project: developing a business plan | Graded worksheets, graded project |
| SOCIAL COMPETENCES | | | |
| K1-K1 | practical exercises, case studies, project work | Performing exercises during classes, group project: developing a business plan | Graded worksheets, graded project |

3.6 . Criteria for assessing 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 |
| W | 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 |
| U | 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**

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|  |
| * Opolski K., Waśniewski K., Biznesplan Jak go budować i analizować, CeDeWu, Warszawa, 2023 |
| * Paździor, Przedsiębiorczość: Jak pozyskać kapitał, Politechnika Lubelska – Wydział Zarządzania, Lublin 2011 |

**Supplementary**

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| * Paździor, *Biznes plan. Klucz do rozwoju przedsiębiorstwa*, WSPiA – KFiR PL, Lublin 2010 |

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 | INF Education Quality Team |
| The changes were approved | Arkadiusz Gwarda, M.A. |