Zał. nr 4 do ZW 64/2012

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| FACULTY OF COMPUTER SCIENCE AND MANAGEMENT  **SUBJECT CARD**  **Name in Polish: Zarządzanie procesem innowacyjnym w przedsiębiorstwie**  **Name in English Managing the process of innovation in the enterprise**  **Main field of study (if applicable): Management**  **Specialization (if applicable):**)**Business Management**  **Level and form of studies: 1st level, full-time studies**  **Kind of subject: optional**  **Subject code ZMZ1583**  **Group of courses NO** |

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|  | Lecture | Classes | Laboratory | Project | Seminar |
| Number of hours of organized classes in University (ZZU) |  |  |  | ***30*** |  |
| Number of hours of total student workload (CNPS) |  |  |  | ***90*** |  |
| Form of crediting |  |  |  | crediting with grade |  |
| For group of courses mark (X) final course |  |  |  |  |  |
| Number of ECTS points |  |  |  | ***3*** |  |
| including number of ECTS points for practical (P) classes |  |  |  | ***3*** |  |
| including number of ECTS points for direct teacher-student contact (BK) classes |  |  |  | ***1*** |  |

\*delete as applicable

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| **PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES**  1. None |

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| **SUBJECT OBJECTIVES**  C1: Introduction to the methods of innovation C2. Developing skills in creative problem solving C3. Acquiring skills in enterprise innovation management C4. The acquisition of decision-making skills in the field of innovation organizing, controlling business innovation and support innovative approach |

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| **SUBJECT EDUCATIONAL EFFECTS**  The scope of knowledge: PEK\_W01 has ordered knowledge of the skills of innovation in the enterprise PEK\_W02 has knowledge of the ways of generating ideas to be creative  The range of skills: PEK\_U01 able to develop a plan for an innovation project PEK\_U02 able to implement innovative projects  The range of social skills: PEK\_K01 is prepared to initiate changes in the organization of and participation in the planning and implementation. |

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| **PROGRAMME CONTENT** | | |
| **Form of classes - lecture** | | **Number of hours** |
| Proj.1 | Presentation of the course, the course and the criteria for assessing students. Discussion of the various tasks to be performed by the student. | *2* |
| Proj.2;  Proj.3. | Presentations (about 10 minutes) on methods of generating ideas and discussion | *4* |
| Proj.4; Proj.5 | Discussion and negotiation selection of topics (concepts) that are the subject of design work on the introduction of innovation in the enterprise. | *4* |
| Proj.6  -  Proj.9 | Consult the substantive issues, the assessment of students progress. The consultation process for the preparation of the project | *8* |
| Proj.10 – Proj.14 | Presentation by students of the results of their project work (about 20 minutes) and discussion | *10* |
|  | Total hours. | 30 |

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| **TEACHING TOOLS USED** |
| N1. Consulting Group in conducting N2.Case study N3. Discussion with teacher N4. Presentation of the project N5. Student work |

**EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT**

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| **Evaluation**(F – forming (during semester), P – concluding (at semester end) | | Educationaleffectnumber | | Way of evaluating educational effect achievement |
| P | PEK\_W01 PEK\_W02 , PEK\_U01 PEK\_U02 , PEK\_K01 | | Project (Completeness of the project, the substantive values​​), Presentation (substantive content, the quality of the slide, communication) | |
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| **PRIMARY AND SECONDARY LITERATURE** |
| **PRIMARY LITERATURE:**   1. J.Antoszkiewicz, Innowacje w firmie. Praktyczne metody wprowadzania zmian. Poltext, Warszawa 2008   **EDITIONAL LITARATURE:**   1. Projekty innowacyjne, Poradnik dla projektodawców. Warszawa 2011, dokument elektroniczny, źrodło:   http://efs.lubuskie.pl/system/obj/2141\_Projekty%20innowacyjne%20-%20poradnik%20dla%20projektodawc%C3%B3w%20PO%20KL.pdf |
| **SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)** |
| **Radosław Ryńca, radoslaw.rynca@pwr.wroc.pl** |

MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT

***Managing the process of innovation in the enterprise***

AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY **Management**

AND SPECIALIZATION **Business Management**

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| **Subjecteducational**  **effect** | **Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)\*\*** | **Subjectobjectives\*\*\*** | **Programmecontent\*\*\*** | **Teachingtoolnumber\*\*\*** |
| ***PEK\_W01*** | K1\_ZARZ\_W16 , K1\_ZARZ\_W20, K1\_ZARZ\_W21 | *C1-C5* | *Ćw1 – Ćw15* | *N1 – N5* |
| ***PEK\_W02*** | K1\_ZARZ\_W16 , K1\_ZARZ\_W20, K1\_ZARZ\_W21 | *C2-C4* | *Ćw2 – Ćw5* | *N1, N2, N3, N5* |
| ***PEK\_U01*** | K1\_ZARZ\_U03, K1\_ZARZ\_U09 | *C1; C2* | *Ćw2 – Ćw5* | *N1 – N5* |
| ***PEK\_U02*** | K1\_ZARZ\_U03, K1\_ZARZ\_U09 | *C2; C3; C4* | *Ćw2 – Ćw14* | *N1-N5* |