A COURSE SYLLABUS - DOCTORAL SCHOOL

REGARDING THE QUALIFICATION CYCLE FROM 2023 TO 2027.

| GENERAL INFORMATION ABOUT COURSE | | | | |
|---------------------------------------|--|--|--|--|
| Course title | Commercialization of scientific research | | | |
| Name of the unit running the course | Doctoral School at the University of Rzeszów | | | |
| Type of course (obligatory, optional) | Obligatory | | | |
| Year and semester of studies | 1st year/2nd semester | | | |
| Discipline | A general discipline | | | |
| Language of Course | Polish | | | |
| Name of Course coordinator | mgr Bartosz Jadam | | | |
| Name of Course lecturer | mgr Bartosz Jadam | | | |
| Prerequisites | None | | | |
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| | DDIEE DESCRIPTION OF COLIDSE | | | |

BRIEF DESCRIPTION OF COURSE

(100-200 words)

The course will present basic concepts and definitions regarding the commercialization of scientific research and possible forms of commercialization. During the classes, the concept and types of innovation, levels of technological readiness of projects, principles of creating spin-off and spin-out companies will be discussed, and forms and methods of obtaining financing for commercialization will be presented. Some of the classes will be practical. The aim of the course will be to learn about the possibilities of commercializing research and development work.

| COURSE LEA | COURSE LEARNING OUTCOMES AND METHODS OF EVALUATING LEARNING OUTCOMES | | | | | | |
|------------|--|-----------------|----------------------|-----------------------------------|--|--|--|
| Learning | The description of the | Relation to the | Learning Format | Method of | | | |
| outcome | learning outcome defined for | degree | (Lectures, classes,) | assessment of | | | |
| | the course | programme | | learning | | | |
| | | outcomes | | outcomes (e.g. | | | |
| | | (symbol) | | test, oral exam, written exam, | | | |
| | | • | | project,) | | | |
| Knowledge | (Knows and understands) | | | | | | |
| (no.) | | | | | | | |
| 1 | The student knows the principles | _ | seminar | test | | | |
| | of transfer of knowledge to the | | | | | | |
| | economic and social sphere and | | | | | | |
| | the principles of | | | | | | |
| | commercialization of the results of scientific activities | | | | | | |
| Skills | (Able to) | | | | | | |
| (no.) | (Able to) | | | | | | |
| 2 | Transfer the results of scientific | P8S_UW4 | seminar | test | | | |
| | activities to the economic and | 1 03_0 114 | Scriiiiai | test | | | |
| | social sphere. | | | | | | |
| Social | (Ready to) | | | | | | |
| competence | | | | | | | |
| (no.) | | | | | | | |
| 1 | Fulfilling the social obligations | P8S_KO1 | seminar | test | | | |
| | of researchers and creators. | | | | | | |
| 2 | Initiating activities in the | P8S_KO2 | seminar | test | | | |
| | public interest. | | | | | | |
| 3 | Thinking and acting in an | P8S_KO3 | seminar | test | | | |
| | entrepreneurial way. | | | | | | |
| 4 | Recognizing the importance of | P8S_KK3 | seminar | test | | | |
| | knowledge in solving cognitive | | | | | | |

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| A 1 . 1 . | | | | |
| Activity | | Number of hou | ırs | |
| | | | | |
| Scheduled course contact hours | 6 | | | |
| | | | | |
| | | | | |
| Other contact hours involving the teacher (consultation hours | 0 | | | |
| examinations) | | | | |
| Non-contact hours – student's own work (preparation fo | 20 | | | |
| classes or examinations, project, etc.) | | | | |
| • • | | | | |
| Total number of hours | 26 | | | |
| Total number of ECTS credits | 1 | | | |
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| | | | | |
| INSTRUCTIONAL MA | | | | |

WAWRZYNOWICZ, J. (2022). VADEMECUM TRANSFERU TECHNOLOGII. POZNAŃ:

Narodowe Centrum Badań i Rozwoju

WYDAWNICTWO UNIWERSYTETU PRZYRODNICZEGO W POZNANIU. DOSTĘPNY POD ADRESEM: HTTPS://WYDAWNICTWO.UP.POZNAN.PL/PRODUCTS/VADEMECUM-TRANSFERU-TECHNOLOGII

Barszcz M. (2016) Komercjalizacja B+R dla praktyków 2016. Warszawa: Wydawca

literature:

Complementary literature: