COURSE DESCRIPTION CARD - SYLLABUS

Course name
GRANTS – PREPARATION AND APPLICATION [S5SD1>GPA]

Course

Proposed by Discipline
–

Year/Semester
1/2

Level of study
Doctoral School

Course offered in
English

Form of study
full-time

Requirements
elective

Number of hours

Lecture
4

Laboratory classes
0

Other
0

Tutorials
0

Projects/seminars
0

Number of credit points

1,00

Coordinators

dr inż. Tomasz Staśkiewicz
tomasz.staskiewicz@put.poznan.pl

Lecturers

Prerequisites

Knowledge: ability to search for information on the Internet, knowledge of journal search databases. Skills: computer and office suite skills. Social competences: public speech, working in a group.

Course objective

1. Understand the funding landscape – recognize different types of grants and their specific requirements. 2. Develop skills in the field of individual research and innovation grant proposals preparation that will meet current international competitiveness criteria. 3. Allow PhD students to accelerate their careers after graduation using international / intersectoral research & mobility grants.

Course-related learning outcomes

Knowledge:
1. Explain the structure and objectives of major funding programmes and their policy context. P8S_WG/SzD_W02, P8S_WK/SzD_W06.
2. Describe key components of a competitive proposal (excellence, impact, implementation, budget, open science). P8S_WG/SzD_W03, P8S_WG/SzD_W04, P8S_WK/SzD_W06.

Skills:
1. Identify and critically assess funding opportunities aligned with their research profile. P8S_UW/SzD_U01,

P8S_UW/SzD_U02.
2. Formulate clear objectives, hypotheses, and methodologies tailored to a specific call. P8S_UW/SzD_U01.

Social competences:
1. Collaborate effectively in multidisciplinary and international project teams. P8S_UO/SzD_U09, P8S_KO/SzD_K04.
2. Act with responsibility and integrity in research funding (ethics, IP, open science, gender & inclusiveness); uphold the research ethos. P8S_WK/SzD_W06, P8S_KR/SzD_K07.
3. Reflect on career development and plan a sustainable funding strategy. P8S_UU/SzD_U10, P8S_KK/SzD_K03.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Own work consisting in preparing a grant application.

Programme content

1. Funding Landscape and Opportunities.
- Overview of national, European, and international funding programmes (NCN, NCBR, FNP, Horizon Europe, ERC, MSCA).
- How to identify calls suitable for PhD students and early-career researchers.

2. Structure of a Competitive Proposal
- Core elements: Excellence, Impact, Implementation.
- Objectives, methodology, work plan, dissemination & exploitation.
- Budget basics: cost categories, justification.

3. Principles of Effective Grant Writing
- Persuasive and clear writing strategies.
- Common reviewer expectations and mistakes to avoid.
- Integrating cross-cutting issues (ethics, open science, inclusiveness).

4. Practical Exercise & Feedback (75 min)
- Drafting a mini-proposal abstract or objectives statement.
- Peer review process.
- Discussion of strengths and weaknesses from a “reviewer’s” perspective.

Course topics

1. Research funding landscape
2. Core structure of a grant proposal
3. Effective grant writing
4. Cross-cutting issues
5. Practical exercise

Teaching methods

Lectures, brainstorming, work in groups.

Bibliography

Basic:
1. Call specific documentation (NCBR, NCN, FNP, EC, etc.)

Additional:
1. Course presentations.

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,00
Classes requiring direct contact with the teacher	4	0,00
Doctoral student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation)	21	1,00