KAPITAŁ LUDZKI
NARODOWA STRATEGIA SPÓJNOŚCI
Projekt współfinansowany przez Unię Europejską w ramach Europejskiego Funduszu Społecznego
UNIA EUROPEJSKA
EUROPEJSKI FUNDUSZ SPOŁECZNY

**Course title**

Project management

**ECTS code**

16.9.0139

**Name of unit administrating study**

null

**Studies**

| faculty | field of study | | |
|---|---|---|---|
| Intercollegiate Faculty of Biotechnology UG-MUG | Biotechnology | type | second tier studies (MA) |
| | | form | full-time |
| | | specialty | all |
| | | specialization | all |

**Teaching staff**

dr Joanna Sadkowska

**Forms of classes, the realization and number of hours**

**Forms of classes**

Lecture

**The realization of activities**

classroom instruction

**Number of hours**

Lecture: 15 hours

**ECTS credits**

1

**The academic cycle**

2021/2022 winter semester

**Type of course**

obligatory

**Language of instruction**

english

**Teaching methods**

- group work
- presentation of the project - discussion
- seminar lecture

**Form and method of assessment and basic criteria for eveluation or examination requirements**

**Final evaluation**

Graded credit

**Assessment methods**

- (mid-term / end-term) test
- assignment work – project or presentation
- The Student willing to take part in the final exam is obliged to complete the project and present it to the lecturer.

**The basic criteria for evaluation**

Written exam preceeeded by the project presentation (done by the project team).
In order to be able to take part in the written examination, the Student has to present to the Lecturer the project He/She has completed.
The Student who has not presented and has not obtained the acceptance for the aforemntioned project can not receive the final mark though He/She has successfully completed the written examination.

Grading:

>=91% very good (5)

81-90% 4+
71-80 4
61-70 3+
51-60 3

**Method of verifying required learning outcomes**

## Required courses and introductory requirements

**A. Formal requirements**

An ability to work in project team and to make basic calculations.

**B. Prerequisites**

Student does not have to have project management knowledge

## Aims of education

This lecture aims at providing Students with the knowedge and practical Project Management tools (K_W05) referring to:
Idea and characteristics of project management
Project vs. process
Project basic parameters
Project types
Project stages
Selected definitions in project management
project: initiating, planning, implementing and closing.
Following this, Students learn how to practically use particular Pm tools- while planning a project in a project team.
The lecture takes part in a form of a combination of lectures and a pratical workshop during which Studnet work in project teams (K_U04).
Additionally particular subjects are 'supported' by the work with case studies (K_K06).

## Course contents

Introduction into project management:
Idea of project management
Projects in history of project management
Project basic parameters and features
Project types
Project stages

Case Study: Team work- determining project objective and project features.

2: Project life cycle:
The idea of a project life cycle
Stages of a project life cycle
The analysis of a project life cycle

Case Study: Analysis of a project life cycle-selected project examples.

3: Project: Initiating and planning
Defining goals and scope of a Project
Project Charter
Stakeholder analysis
3. Workbreakdown Structure In a Project (WBS)
The purpose for building WBS
WBS types
Building WBS
Responsibility Assignment Matrix (RAM)

Case Study: Team work in the individual Project

4: Selected Project Plannig techniques
Gantt Chart
Critical Path method In Project planning
CPM- PDM basic assumptions
Project as a web structure
Time floats and its role In Project planning (Total Float/Free Float)
Determining critical path In a Project
The role of the critical path

Case Study: Team work: using CPM method for planning the individual project
Case Study: Team work: using the Gantt Chart for planning the individual project

## Bibliography of literature

The basic literature:
Wysocki R., Effective Project Management- any edition
The complementary literature:
Project Management Institute, A guide to the project management body of knowledge (PMBOK Guide), www.pmi.org.
Kerzner H., Project Management: Case studies, John Wiley and Sons, Hoboken, 2009.
Kerzner H., Project Management: Best practices on Implementation, John Wiley and Sons, Hoboken, 2004.
Philips J., IT Project Management- On Track from Start to Finish, McGraw-Hill Osborne, 2004.

## The learning outcomes (for the field of study and specialization)

K_W05
K_U04
K_K06

## Knowledge

K_W05 Possesses knowledge helpful in the area of individual entrepreneurship of innovative character and in operation of companies in the area of biotechnology and innovation; has basic knowledge in the field of law of intellectual property, protection of intellectual and industrial property

## Skills

K_U04 - Can prepare in a directed way in Polish and/or English a written review , scientific publication in the field of biotechnology and scientific areas and disciplines connected with biotechnology

## Social competence

K_K06 - Is capable of entrepreneurial thinking and activity in his/her work connected with carrying out the job of a biotechnologist

## Contact

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