PROJECTS OF INFORMATION TECHNOLOGIES

Summary syllabus

Study programme and level: Informatics in Contemporary Society, second cycle
Course type: Obligatory

The main purpose of the course is to familiarise students with the main concepts and approaches in management of information technology projects, together with an introduction to the issues of Agenda 2030 and its Sustainable Development Goals, which will permeate the European Union projects in a variety of its calls and initiatives in the period until 2030. These calls and initiatives will be key drivers of Agenda 2030 implementation in different national, regional, and local contexts, where technological innovations, including in information technologies, can play a vital role.

The course consists of 30 teaching hours. They will be delivered as follows:

1. Basics of project management in the information technology projects, with a specific focus on forthcoming Agenda 2030 priorities *(Hours 1-5)*
2. PM^2, Project management methodology developed and supported by the European Commission *(Hours 6-8)*
3. ICT tools for project management *(Hours 9-11)*
4. IT projects: project management and activities of the project group; interdisciplinary nature in pursuing Agenda 2030 and its Sustainable Development Goals *(Hours 12-13)*
5. Identification and development of the client's requirements; what will be the challenges and priorities in implementation of Agenda 2030 and its Sustainable Development Goals *(Hours 14-15)*
6. Online portals with published EU calls: centralised, macroregional, decentralised *(Hours 16-17)*
7. Organizing project group and group communications; how to embed priorities of Agenda 2030 and its Sustainable Development Goals in group thinking *(Hours 18-19)*
8. Development of the project plan and risk management in IT projects for Agenda 2030 *(Hours 20-23)*
9. Systematic approach to project management with project monitoring and control *(Hours 24-26)*
10. The rapid development of IT projects for the new societal priorities; the case of Agenda 2030 *(Hours 27-28)*
11. Conclusion of the project *(Hours 29-30)*

Intended learning outcomes:

The student will:

- Know how to locate the proper European Union calls to fund development of technological innovation ideas in European Union and beyond its borders, for calls supporting the European Union public diplomacy.

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- Know how to prepare and manage information technology projects in the era of Agenda 2030 pursuit of Sustainable Development Goals.
- Know how to monitor the implementation of information technology projects for the period till 2030.
- Know to use ICT for project management, with a special view to information technology innovations projects.

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