

Field of study:

Management

Subject: Advanced process and project management methods

Level of study: graduate studies

System of study: Full-time

Profile of studies: general academic

Subject: Advanced process and project management methods

Form of classes and the ECTS points

	Number of hours	ECTS points	Credit
lectures	35		exam
Total	35	4	

Aims of teaching

Familiarizing students with place of process and project management in the organization.

Indicates key determinants of business processes.

Preparing students to use a project management in the organization - the process of starting an advanced project, building a plan, defining the project team, organizational aspects of project management, monitoring and control, closing the project.

Intended learning outcomes

KNOWLEDGE		
SYMBOL	DESCRIPTION	REFERENCE TO THE PROFILE OUTCOME
P_W1	Defines main principles of process management in the organization. Can present a different modelling of business processes. Explains improvements of business processes.	Zarz_WG03_Mgr Zarz_WG05_Mgr
SKILLS		
SYMBOL	DESCRIPTION	REFERENCE TO THE PROFILE OUTCOME
P_U1	Compares process and project management versus globalization trends and the international dimension of the organization. Recognizes tools supporting process management. Verifies process management and project management - business and resource aspects (human factor - people, competences and skills).	Zarz_UW11_Mgr Zarz_UK01_Mgr
SOCIAL COMPETENCES		
SYMBOL	DESCRIPTION	REFERENCE TO THE PROFILE OUTCOME
P_K1	Discusses the process of starting an advanced project, building a plan, defining the project team, organizational aspects of project management, monitoring and control, closing the project. Seeks to understand and use tools supporting project management.	Zarz_KK01_Mgr Zarz_KK02_Mgr

Course content

NUMBER	DESCRIPTION	FORM OF CLASSES	NUMBER OF HOURS
1	1. Key distinctions between process management and project management. Changes in concept of business process. Elements/Components of Management Process.	lectures	5 / 5
2	1. Business Process Management Life-Cycle. Predictive Business Process Monitoring. Business process reengineering. Business Process Management. Four critical components of a BPM Suite.	lectures	6 / 6

NUMBER	DESCRIPTION	FORM OF CLASSES	NUMBER OF HOURS
3	1. Cloud computing business process management. Various types of business process management. The benefits of incorporating business process management. Process Management Principles. Projects as Value-Creation Processes.	lectures	6 / 6
4	1. Modeling Business Processes. Primary Value Activities. Porter's Generic Value Chain. Business Process Events. Developing a REAL Business Process Model. The Evolution of Business Process Management.	lectures	6 / 6
5	Brief outline of selected project management methods and their business context. Managing Successful Programmes. Management of Portfolios. PRINCE2 Project Management. Agile Project Management. Agile vs Waterfall Model. Difference between Scrum and Agile. Scrum vs Kanban - What's the Difference? What is DevOps? Introduction To DevOps.	lectures	6 / 6
6	What is Project Risk Management? Risk Breakdown Structure. Risk Identification. Qualitative Risk Analysis. General Risk Mitigation Strategies for Technical, Cost, and Schedule Risks.	lectures	6 / 6

Conditions of completion

LECTURES

TYPE OF CREDIT	CREDIT INFLUENCE (IN %)
Class work	10
Final project	80
Wykonanie zadań/ćwiczeń/projektu poza zajęciami (w ramach pracy własnej)	10

Teaching methods

- analysis of practical case studies
- Case studies
- case study group analysis
- discussion in the class
- Lectures with multimedia presentations
- group work presentation

Reading (compulsory)

- Richardson, Gary L., Jackson, Brad M.. . Project management theory and practice 2019

Reading (additional)

- Marlon Dumas, Marcello La Rosa, Jan Mendling, Hajo A. Reijers. Fundamentals of Business Process Management 2018

Odniesienie efektów przedmiotowych do efektów kierunkowych, treści kształcenia, metod weryfikacji

SYMBOL	REFERENCE OF A GIVEN OUTCOME TO THE PROFILE OUTCOME	REFERENCE OF A GIVEN OUTCOME TO THE COURSE CONTENT	REFERENCE OF A GIVEN OUTCOME TO THE VERIFICATION METHODS
KNOWLEDGE			
P_W1	Zarz_WG03_Mgr Zarz_WG05_Mgr	1 2 3 4 5 6	
SYMBOL	REFERENCE OF A GIVEN OUTCOME TO THE PROFILE OUTCOME	REFERENCE OF A GIVEN OUTCOME TO THE COURSE CONTENT	REFERENCE OF A GIVEN OUTCOME TO THE VERIFICATION METHODS
SKILLS			
P_U1	Zarz_UW11_Mgr Zarz_UK01_Mgr	1 2 3 4 5 6	
SYMBOL	REFERENCE OF A GIVEN OUTCOME TO THE PROFILE OUTCOME	REFERENCE OF A GIVEN OUTCOME TO THE COURSE CONTENT	REFERENCE OF A GIVEN OUTCOME TO THE VERIFICATION METHODS
SOCIAL COMPETENCES			
P_K1	Zarz_KK01_Mgr Zarz_KK02_Mgr	1 2 3 4 5 6	