

1. Field of study	Computer Science
2. Faculty	Faculty of Science and Technology
3. Academic year of entry	2019/2020 (summer term)
4. Level of qualifications/degree	second-cycle studies
5. Degree profile	general academic
6. Mode of study	full-time

Module: Team project

Module code: 08-IN-IJO-S2-PZ

1. Number of the ECTS credits: 2

2. Learning outcomes of the module			
code	description	learning outcomes of the programme	level of competence (scale 1-5)
PZ -K_7	Can co-operate in a big team while creating a project.	K_K02	1
PZ -U_4	Is able to use tools for version control.	K_U03 K_U11	3 2
PZ -U_5	Can create business models basing on UML and BPMN notation.	K_U01	2
PZ -U_6	Is able to perform analysis of customer demands.	K_U20	2
PZ -W_2	Has deepened knowledge in the field of work schedules preparation, including division into man-hours.	K_W14	2
PZ -W_3	Student can define and perform the chosen function in a team (including the team leader function)	K_W10	2
PZ-W_1	Has deepened knowledge of team management in basic programming methodologies.	K_W06 K_W18	3 1

3. Module description

Description	Aim of the classes in this module is making the students familiar with issues of designing and analysis of complex IT systems. The subject covers analysis of prerequisites, division of tasks and designing the system. During the classes the students will be informed about the modeling methods and links between organization aims and the goal of IT project. The students will gain the skill of transferring users of specific IT projects demands.
Prerequisites	

4. Assessment of the learning outcomes of the module			
code	type	description	learning outcomes of the module
PZ -w_1	Credit	Elaboration of a complex project in a group, taking into account project schedule and customers demands analysis.	PZ -W_2, PZ -W_3, PZ-W_1
PZ -w_2	Control test	Reports of current works basing on the prepared schedule.	PZ -K_7, PZ -U_4, PZ -U_5, PZ -U_6

5. Forms of teaching						
code	form of teaching			required hours of student's own work		assessment of the learning outcomes of the module
	type	description (including teaching methods)	number of hours	description	number of hours	
PZ -fs_1	laboratory classes	During the classes the student will be familiarized with basic issues enabling project execution. Then, the team will be formed, and subsequent stages of the project creation will be organized basing on tasks division.	30		15	PZ -w_1, PZ -w_2