

<b>1. Field of study</b>	<b>Computer Science</b>
2. Faculty	Faculty of Science and Technology
3. Academic year of entry	2020/2021 (summer term)
4. Level of qualifications/degree	second-cycle studies
5. Degree profile	general academic
6. Mode of study	full-time

**Module:** Managing IT projects and teams

**Module code:** W4-INA-S2-20-2-ZZiP

**1. Number of the ECTS credits:** 2

<b>2. Learning outcomes of the module</b>			
code	description	learning outcomes of the programme	level of competence (scale 1-5)
M_001	The student knows the various methodologies of managing IT projects, primarily project team management, resources, risks, efficiency and quality. The student uses specialist literature.	K_U07 K_W05	2 5
M_002	The student works in a team, uses available IT tools to help manage the project, and understands PM certification.	K_K01 K_U02 K_U03	1 5 3
M_003	The student can present the effects of teamwork.	K_U04	1

### **3. Module description**

<b>Description</b>	The module includes issues related to projects and project management methodologies. The topics are project teams, problems of their creation, functioning, development, evaluation, and management of their work. In particular, the content concerns IT project management methodologies, starting with the project's components and resources. Specific attention is paid to planning, scheduling, risk management, efficiency, and quality. During the laboratory classes, the students use several available IT solutions, particularly project management packages, to manage a complex project. Depending on the availability of licences, it could be, for example, MS Project.
<b>Prerequisites</b>	

### **4. Assessment of the learning outcomes of the module**

code	type	description	learning outcomes of the module
W_001	Lecture test	The test is in written or oral form (with open or closed-ended questions).	M_001

W_002	Practical tasks	The student should fill the task card. The card is the documentation of every task described on it and completed by the student. It is the basis for passing the classes. There is also a practical task completed in the project team, in which the students show their roles, schedule, and preparation of the report.	M_002
W_003	Project team presentation	The project team presents its organisation (method, roles), IT project, schedule, resources, etc.	M_003

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	
Z_001	lecture	The lectures present the chosen issues involving audiovisual aids and include methods, reports, and certification plans.	10	The students study the supplementary literature.	5	W_001
Z_002	laboratory classes	The classes are workshops with specified subsequent tasks. They include project task executed in project teams, discussions and presentations of results.	20	The students gather practical information necessary to implement the project in a project team and gain proficiency in using IT tools.	25	W_002, W_003