

1.	<b>Field of study</b>	<b>Materials Science and Engineering</b>
2.	Academic year of entry	2018/2019 (summer term)
3.	Level of qualifications/degree	second-cycle studies
4.	Degree profile	general academic
5.	Mode of study	full-time

**Module:** Project management

**Module code:** IM2A\_ZPrj

**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)
IM2A_ZPrj_1	Students describe organisational roles and functions	IM2A_W04 IM2A_W16	5 5
IM2A_ZPrj_2	Students have the skill to manage and cooperate in projects introducing specific changes in the organisation.	IM2A_U12	5
IM2A_ZPrj_3	Students have skills of effective management of entrusted human, tangible, financial and information resources to perform tasks	IM2A_U20	3
IM2A_ZPrj_4	Students are prepared to organise and manage the work of teams (project, task etc.) and of organisations in the work environment and outside it.	IM2A_K02	3

3. Module description	
<b>Description</b>	<p>The overall objective of the module is to provide students with selected basic issues of project management and to form the skill of practical application of those methods and techniques in this field. In particular the subject area of the module covers developing students skills in the context of analysis and interpretation of basic project management aspects.</p> <p>A synthetic characteristic of the project management context (impact of organisational conditions on projects implementation success) contributes to acquiring the knowledge in the area of organisational role and functions description and to build students skill in the field of managing and cooperating in projects introducing specific changes in the organisation. Another detailed objective of the module consists of the analysis of personal project management problems (dilemmas related to building the project team identity), which consolidates students' knowledge and skills in the field of organising and managing the team (project, task etc.) work. A practical use of project tools and techniques in the context of planning and control (own project preparing) results in acquiring by students the skill to plan and manage the time in team projects and to effectively manage the entrusted human, tangible, financial and information resources to perform tasks. Through a team development of own projects students acquire also the skill of developing and effective use of interpersonal skills.</p>
<b>Prerequisites</b>	Formal requirements - passing modules on the organisation science and basics of management, which is necessary to implement basic programme

contents.

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

code	type	description	learning outcomes of the module
IM2A_ZPrj_w_1	A credits work in student teams (project)	Under the care of a teacher students are preparing individual credits work (project), aimed at verification of the skill to apply practically project tools and techniques. The work subject covers selected issues discussed during lectures. An independence in problems formulating and solving, the knowledge of appropriate project tools and techniques as well as the skill to visualise the obtained results are required to obtain the credits.	IM2A_ZPrj_1, IM2A_ZPrj_2, IM2A_ZPrj_3, IM2A_ZPrj_4

#### 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	
IM2A_ZPrj_fs_1	lecture	Lectures with the analysis of case studies, using multimedia presentations	30	The work with the recommended literature comprising independent acquisition of knowledge related to basic issues.	5	IM2A_ZPrj_w_1
IM2A_ZPrj_fs_2	practical classes	Analysis of the source literature; preparing and developing the credits work concept; presentation by students of the credits work in a selected enterprise; discussion, conclusions	15	Developing the credits work based on a selected example; preparation to the presentation and discussion	10	IM2A_ZPrj_w_1