

1.	Field of study	Materials Science and Engineering
2.	Academic year of entry	2016/2017 (winter term)
3.	Level of qualifications/degree	second-cycle studies (in engineering)
4.	Degree profile	general academic
5.	Mode of study	full-time

Module: M.Sc. seminar 1

Module code: IM2A_SM1

1. Number of the ECTS credits: 3

2. Learning outcomes of the module			
code	description	learning outcomes of the programme	level of competence (scale 1-5)
IM2A_SM1_1	Students are capable of preparing a detailed documentation related to the project or research task implementation; they can prepare a study containing discussion of obtained results.	IM2A_U03	5
IM2A_SM1_2	Improved skills to gather and analyse the information based on the global scientific literature on the problem to be resolved within the thesis under development on materials engineering, to formulate the objective and to suggest ways for its accomplishment.	IM2A_U01	4
IM2A_SM1_3	The skill to plan and carry out research tasks related to the M.Sc. thesis under development.	IM2A_K05 IM2A_W05	1 4
IM2A_SM1_4	The skill to use techniques for presentation of effects obtained at individual stages of the M.Sc. thesis under development.	IM2A_U05	3

3. Module description	
Description	The module M.Sc. seminar 1 shall enable that students are knowledgeable about the subject matter under implementation, in the materials engineering field, within M.Sc. theses under development. Owing to that students will acquire the skill of independent resolution of materials engineering issues at individual stages of the M.Sc. thesis under development.
Prerequisites	It is required to achieve the effects of education of modules related to the topic of the M.Sc. thesis under development

4. Assessment of the learning outcomes of the module			
code	type	description	learning outcomes of the module
IM2A_SM1_w_1	Assessment of presented papers and carried out discussion	Assessment of mastering the skill to present the literature information in the form of papers, to formulate the thesis objective, to use necessary research techniques and to present current	IM2A_SM1_1, IM2A_SM1_2, IM2A_SM1_3, IM2A_SM1_4

	results of the work.	
--	----------------------	--

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_SM1_fs_1	seminar	The seminar is carried out with the use of multimedia, enabling presentation of results obtained at individual stages of the work. A discussion is carried out after papers presentation.	30	Preparation for the seminar of multimedia presentations on individual stages of the carried out work.	60	IM2A_SM1_w_1