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: Diploma laboratory 1

Module code: IM2A_PD1

1. Number of the ECTS credits: 4

2. Learning outcomes of the module

code	description	learning outcomes of the programme	level of competence (scale 1-5)
IM2A_PD1_1	Mastering the skill to perform an experiment for M.Sc. diploma theses on materials engineering.	IM2A_K04 IM2A_U02 IM2A_W13	4 2 3
IM2A_PD1_2	The skill to analyse and process results of studies and to formulate final conclusions.	IM2A_K05 IM2A_U03 IM2A_U07 IM2A_W05	1 5 2 3

3. Module description

Description	The module Diploma laboratory 1 shall enable students finishing activities related to the diploma thesis developing (carrying out studies, analysis and processing of study results, formulation of final conclusions). Owing to that students will be capable of independent planning and carrying out scientific research on the level of M.Sc. diploma theses.
Prerequisites	It is required to achieve the effects of eduction of basic and field of study modules related to the topic of diploma thesis under development.

4. Assessment of the learning outcomes of the module

code	type	description	learning outcomes of the module
IM2A_PD1_w_1	Assessment of diploma thesis development progress	Determination of diploma thesis development progress based on the previously prepared schedule.	IM2A_PD1_1, IM2A_PD1_2

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_PD1_fs_1	laboratory classes	Experimental work with the use of techniques necessary for the thesis development	60	Analysis of results, formulation of conclusions, and edition of the thesis	60	IM2A_PD1_w_1