

1. Field of study	Materials Science and Engineering	
2. Faculty	Faculty of Science and Technology	
3. Academic year of entry	2019/2020 (winter term), 2020/2021 (winter term), 2021/2022 (winter term), 2022/2023 (winter term)	
4. Level of qualifications/degree	first-cycle studies (in engineering)	
5. Degree profile	general academic	
6. Mode of study	full-time	

Module: Professional training

Module code: IM1A_PrZ

1. Number of the ECTS credits: 6

2. Learning outcomes of the module			
code	description	learning outcomes of the programme	level of competence (scale 1-5)
IM1A_PrZ_1	Students expand the practical knowledge about engineering materials, their manufacturing and processing methods as well as methods for characterisation of the engineering materials properties.	IM1A_W06 IM1A_W07 IM1A_W09	3 3 3
IM1A_PrZ_2	Students expand the practical knowledge about a company and enterprise management, about a company establishment and development, rational management of engineering materials, apply the learned rules of health and safety at work.	IM1A_W24 IM1A_W25 IM1A_W26 IM1A_W27	3 3 3 3
IM1A_PrZ_3	Students can work individually and in a team; can estimate the time necessary to perform the ordered task; can prepare and implement a work schedule ensuring compliance with the deadlines.	IM1A_U02	3
IM1A_PrZ_4	Students can prepare the documentation related to the performed task.	IM1A_U04	3

3. Module description

Description	The Professional training module shall enable students developing the skills of using the knowledge acquired during the studies, developing skills necessary in the future professional work, preparing to be independent and responsible for the entrusted tasks and creating favourable conditions for the professional activation on the labour market.
Prerequisites	Delivering the required documents specified in the regulations of studies.

4. Assessment of the learning outcomes of the module			
code	type	description	learning outcomes of the module
IM1A_PrZ_w_1	Report, training documentation.	Assessment of the prepared report of the course of professional training.	IM1A_PrZ_1, IM1A_PrZ_2, IM1A_PrZ_3, IM1A_PrZ_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	
IM1A_PrZ_fs_1	internship	Students participate in the work of the work place, institution, company, enterprise, which was chosen when performing tasks resulting from the training schedule.	0	Students process the results obtained during the professional training and prepare a report of the training.	160	IM1A_PrZ_w_1