

1.	Field of study	Materials Science and Engineering
2.	Faculty	Faculty of Science and Technology
3.	Academic year of entry	2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies (in engineering)
5.	Degree profile	general academic
6.	Mode of study	full-time

7.	General information about the module	
Module name		Professional Training
Module code		IM1A_PRAK
Number of the ECTS credits		6
Language of instruction		Polish
Purpose and description of the content of education		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.
List of modules that must be completed before starting this module (if necessary)		not applicable

8.	Learning outcomes of the module			
Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)	
IM1A_PrZ_1	Expanding practical knowledge regarding engineering materials, their manufacturing and processing methods, as well as methods for characterizing the properties of engineering materials.	IM1A_W02	3	
IM1A_PrZ_2	Expanding practical knowledge in the field of company management, enterprise, business establishment and development, rational management of engineering materials, and the application of safety and occupational health principles.	IM1A_K04	3	
		IM1A_U10	3	
		IM1A_W12	3	
IM1A_PrZ_3	The ability to work individually and in a team; the ability to estimate the time required to complete assigned tasks; the ability to develop and implement a work schedule that ensures meeting deadlines.	IM1A_K04	3	
		IM1A_U03	3	
		IM1A_U07	3	
		IM1A_U09	3	
		IM1A_U10	3	
IM1A_PrZ_4	Students can prepare the documentation related to the performed task.	IM1A_U08	3	

9.	Methods of conducting classes		
Code	Category	Name (description)	
e05	Practical methods	Internship	

		<i>including professional and individual training; gaining skills and experience in real-life conditions, e.g., in the environment, institution or workplace the student is preparing for by following a specific study programme; training in real working conditions</i>
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10. Forms of teaching

Code	Name	Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
IM1A_PRAK_fs_1	internship	120	course work	IM1A_PrZ_1, IM1A_PrZ_2, IM1A_PrZ_3, IM1A_PrZ_4	e05

11. The student's work, apart from participation in classes, includes in particular:

Code	Category	Name (description)	Is it part of the BUNA?
a01	Preparation for classes	Search for materials and review activities necessary for class participation <i>reviewing literature, documentation, tools and materials as well as the specifics of the syllabus and the range of activities indicated in it as required for full participation in classes</i>	No
a02	Preparation for classes	Literature reading / analysis of source materials <i>reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class</i>	No
a03	Preparation for classes	Developing practical skills <i>activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent elements of the curriculum (as preparation for class participation)</i>	No
a05	Preparation for classes	Production/preparation of tools, materials or documentation necessary for class participation <i>developing, preparing and assessing the usefulness of tools and materials (e.g. aids, scenarios, research tools, equipment, etc.) to be employed in class or as an aid when preparing for classes</i>	No
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content <i>reading through the syllabus and getting acquainted with its content</i>	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class <i>exploring the studied content, inquiring, considering, assimilating, interpreting it, or organizing knowledge obtained from the literature, documentation, instructions, scenarios, etc., used in class as well as from the notes or other materials/artifacts made in class</i>	No
d01	Consulting the results of the verification of learning outcomes	Analysis of the corrective feedback provided by the academic teacher on the results of the verification of learning outcomes <i>reading through the academic teacher's comments, assessments and opinions on the implementation of the task aimed at checking the level of the achieved learning outcomes</i>	Yes
d02	Consulting the results of the verification of learning outcomes	Development of a corrective action plan as well as supplementary/corrective tasks <i>reviewing and selecting tasks and activities enabling the elimination of errors indicated by the academic teacher, their verification or correction resulting in completing the task with at least the minimum passing grade</i>	Yes
d03	Consulting the results of the verification of learning outcomes	Review of internship documentation <i>an analysis of the portfolio of documentation obtained during internship, including professional internship, and other practical classes and studio sessions, as well as the documentation developed in order to obtain credit for such classes; verification of the description, necessary attachments, opinions and grades before submitting the portfolio for acceptance</i>	Yes

Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: <https://usosweb.us.edu.pl>.