

<b>1.</b>	<b>Field of study</b>	<b>Materials Science and Engineering</b>
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

<b>7.</b>	<b>General information about the module</b>	
<b>Module name</b>	<b>Diploma Seminar 2</b>	
Module code	IM1A_SD_2	
Number of the ECTS credits	3	
Language of instruction		
Purpose and description of the content of education	Module Diploma Seminar 2 aims to enable students to deepen their knowledge in the field of materials engineering and familiarize themselves with the latest advancements in the discipline, taking into account their diploma projects. Through this module, students will be able to solve engineering problems related to materials engineering independently. They will learn to analyze available scientific literature, formulate the objectives of their diploma work, and present the obtained results clearly and convincingly. Additionally, they will develop the ability to draw conclusions based on conducted analyses and interpretation of results. This module will allow students to enhance their research, presentation, and analytical skills, which are essential for the successful completion of diploma projects in the field of materials engineering.	
List of modules that must be completed before starting this module (if necessary)	not applicable	

<b>8.</b>	<b>Learning outcomes of the module</b>		
<b>Code</b>	<b>Description</b>	<b>Learning outcomes of the programme</b>	<b>Level of competenc (scale 1-5)</b>
IM1A_SD2_1	Deepening the knowledge of materials engineering in the field of the diploma theses under development.	IM1A_K02 IM1A_W08	3 3
IM1A_SD2_3	Individual preparation and presentation of papers related to the content of diploma theses under development.	IM1A_K01 IM1A_U01 IM1A_U02 IM1A_U07 IM1A_U08 IM1A_U09	3 3 3 3 3 3
IM1A_SD2_4	The ability to actively participate in debates related to the topic of diploma theses, demonstrating the skill of presenting arguments, analyzing information, logical thinking, and responding to questions and counterarguments.	IM1A_K01 IM1A_K02 IM1A_K03 IM1A_K04	3 3 3 3

		IM1A_U02	3
--	--	----------	---

9. Methods of conducting classes		
Code	Category	Name (description)
b05	Problem-solving methods	Activating method – seminar / proseminar <i>a seminar method; usually an oral presentation of a previously studied/diagnosed problem delivered on a forum; it aims at provoking a discussion concerning the results of research work; a type of conference, course or training session modelled on seminar classes</i>

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_SD2_fs1	seminar	30	course work	IM1A_SD2_1, IM1A_SD2_3, IM1A_SD2_4	b05

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</i>	Yes

		<i>passing grade</i>	
--	--	----------------------	--

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>.