

<b>1.</b>	<b>Field of study</b>	<b>Biotechnology</b>
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	2021/2022 (winter term), 2022/2023 (winter term), 2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

**Module:** MSc seminar II

**Module code:** 2BT\_E\_10

**1. Number of the ECTS credits:** 3

<b>2. Learning outcomes of the module</b>			
<b>code</b>	<b>description</b>	<b>learning outcomes of the programme</b>	<b>level of competence (scale 1-5)</b>
2BT_E_10_1	Student, in a mature way, describes and explains complex problems of natural science, with special stress on plant and microbial biotechnology, including all parts of his/Her MSc thesis.	2BT_E_U02_P 2BT_E_U03_P 2BT_E_W01_P 2BT_E_W02_P 2BT_E_W05_P	5 5 5 5 5
2BT_E_10_2	Student practices and improves the ability to present and discuss selected issues in English.	2BT_E_K01_P 2BT_E_K02_P 2BT_E_U02_P 2BT_E_U05_P	5 5 5 5
2BT_E_10_3	Student searches for and interpreter scientific literature, including this in English, in order to complete their MSc thesis.	2BT_E_U02_P 2BT_E_U05_P	5 5
2BT_E_10_4	Student demonstrates the need of constant update of their knowledge of biotechnology and similar science.	2BT_E_K02_P 2BT_E_U02_P 2BT_E_U06_P 2BT_E_W09_P	5 5 5 5
2BT_E_10_5	Student understands the significance of scientific research in the context of intellectual property law; respects their own work as well as of other persons' work.	2BT_E_W07_P	5
2BT_E_10_6	Student is aware of the costs of the researches in experimental science and knows the Basic mechanisms of their financing.	2BT_E_K04_P	5

		2BT_E_W06_P	5
		2BT_E_W07_P	5

### 3. Module description

<b>Description</b>	The module is the continuation and browning of the activities realized during the specialisation seminars I and II and MSc seminar I. The aims of the module: advanced improvement of the student in his/her independence in elaboration of scientific issues connected with the research profile of the Department/Institute, with a special stress on the preparation, presentation and discussion of the report on the methods, results, discussion part and conclusions of the MSc thesis; presentation of the author's abstract of the MSc thesis; deepening of the theoretical knowledge of the problems and research methods connected with the completing of the MSc project, the preparation of a selected seminar issue and its Power Point presentation in English; practicing and improvement in the abilities to present and discuss scientific issues in English.
<b>Prerequisites</b>	Final pass of MSc seminar I in a selected Department/Institute. Advanced knowledge of the research profile of the Department/Institute. Knowledge of English at the level that enables the student to read and apply scientific literature in English and to actively participate in the scientific discussions in English. Advanced realization of the MSc project.

### 4. Assessment of the learning outcomes of the module

code	type	description	learning outcomes of the module
2BT_E_10_w1	Test of the autopresentation abilities	Ability to prepare and clear presentation of a scientific report or poster about a selected issue, including an abstract of all parts of the own MSc thesis as a Power Point presentation. The assessment of substantial and technical value of the poster, ability to synthesize the data as well as the ability to choose appropriate literature, including this written in English.	2BT_E_10_1, 2BT_E_10_2, 2BT_E_10_3, 2BT_E_10_4, 2BT_E_10_5, 2BT_E_10_6
2BT_E_10_w2	Continuous assessment	Activity in discussion and attitude to the classes.	2BT_E_10_1, 2BT_E_10_2, 2BT_E_10_3, 2BT_E_10_4, 2BT_E_10_5, 2BT_E_10_6
2BT_E_10_w3	Presentation of MSc dissertation	Assessed are: the creative attempt to the activities aimed at the completing of MSc dissertation, substantial and formal correctness of the MSc manuscript.	2BT_E_10_1, 2BT_E_10_2, 2BT_E_10_3, 2BT_E_10_4, 2BT_E_10_5, 2BT_E_10_6

### 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	
2BT_E_10_fs1	seminar	Presentation and discussion on the report (abstract) in English. Possibility of consultations: Work under the tutor's supervision, selection and analysis of the literature.	30	Searching for and analysis of scientific literature in English, presentation or poster preparation.	45	2BT_E_10_w1, 2BT_E_10_w2, 2BT_E_10_w3