University of Gdańsk

Subject card

Subject name and code	Individual Laboratory II, PG_00197629		
Field of study	Biotechnology		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2026/2027
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	4	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Intercollegiate Faculty of Biotechnology UG-MUG -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Andrea Lipińska	
	Teachers	dr hab. Andrea Lipińska prof. dr hab. Igor Konieczny Marta Greglewska mgr Agata Konieczna dr Alessandro Negri dr Patrycja Bełdzińska dr Grzegorz Gołuński prof. dr hab. Danuta Gutowska-Owsiak, prof. UG dr Marta Zimna Natalia Paluch dr Natalia Kaczyńska prof. dr hab. Ewa Łojkowska Dominika Goik Natalia Pawlik	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	20.0	0.0	0.0	20
	E-learning hours included: 0.0						

Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
	Number of study hours	20	5.0	25.0	50

Subject objectives	To become familiar with the specifics of working in a science laboratory. To acquire the ability to critically self-assess one's own knowledge and skills. To acquire the ability to organise the workplace and manage time effectively.

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[BIOTECHL3_U08] The graduate is able to learn independently and in a targeted manner, develop his or her competences and plan their improvement.</td><td></td><td>[SU2] presentation/project/paper/ report
[SU3] text preparation/written work
[SU8] observation of student's independent or team work</td></tr>
<tr><td>[BIOTECHL3_U01] The graduate possesses practical skills in performing laboratory procedures, documenting results, and applying techniques necessary in biotechnology, including methods of isolation, modification, selection, and analysis of organisms, tissues, cells, and molecules; has the ability to operate advanced laboratory.</td><td></td><td>[SU2] presentation/project/paper/ report
[SU3] text preparation/written work
[SU8] observation of student's independent or team work</td></tr>
<tr><td>[BIOTECHL3_K01] The graduate is aware of the scope of their own knowledge and skills; demonstrates a willingness to continuously update them and pursue professional development.</td><td></td><td>[SK2] presentation/project/paper/ report
[SK3] text preparation/written work
[SK8] observation of student's independent or team work</td></tr>
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<tr><td>Subject contents</td><td>A subject that develops the student's laboratory skills and his/her competences regarding the critical self-assessment of his/her own knowledge and skills, as well as teaching the organisation of his/her own work and proper time management.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Written raport</td><td>0.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>Determined individually for each student - including scientific publications authored by members of the research group in which the course is undertaken.</td></tr>
<tr><td>Supplementary literature</td><td>None</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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