University of Gdańsk

Subject card

Subject name and code	Autopresentation and scientific presentation, PG_00196936						
Field of study	Biotechnology						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2027/2028			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Optional subject group			
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	1.0			
Learning profile	academic		Assessment form	credit			
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr Magdalena Iwanowska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	12.0	0.0	0.0	0.0	12
	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	12		2.0		11.0	25
Subject objectives	Developing effective self-presentation skills in academic and professional environments. Preparing students to clearly and professionally present scientific issues in the field of biotechnology. Developing the communication skills necessary for participation in conferences, seminars, and teamwork in science and industry. Developing skills in critical analysis and interpretation of scientific data and presenting them in a way that is understandable to diverse audiences. Improving scientific argumentation and substantive discussion skills.						

<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_U06] The graduate is able to prepare a targeted written study in Polish and/or English, covering detailed issues in the field of biotechnology, using scientific language, including specialist terminology and conceptual apparatus appropriate for biotechnology</td><td>After completing the course, students will:
- be able to prepare a clear and logical scientific presentation (e.g., seminar, poster, conference presentation),
- be able to adapt the presentation to the intended audience (specialists, students, and non-specialists),
- be able to use multimedia tools to create scientific presentations,
- be able to clearly present research results, graphs, diagrams, and experimental data,
- have developed public speaking skills and manage stress during presentations,
- be able to lead a scientific discussion, answer questions, and argue their position.</td><td></td></tr>
<tr><td>[BIOTECHL3_W10] The graduate possesses knowledge of the social sciences and humanities that fosters entrepreneurship, professional responsibility and proper functioning in society; understands ethical principles and responsibility in conducting scientific research.</td><td>After completing the course, the student:
- knows the rules of self-presentation in academic and professional environments and the basic principles of ethics in scientific communication (e.g., accurate presentation of data, avoiding plagiarism).</td><td></td></tr>
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<tr><td>Subject contents</td><td>1. Introduction to scientific communication. The role of communication in the work of scientists and biotechnologists. The importance of presenting research results in academic and industrial settings. Types of scientific presentations (seminars, conferences, posters, project presentations).
2. Basics of self-presentation in academia. Elements of effective self-presentation. Building a professional image as a scientist. Verbal and nonverbal communication during public speaking.
3. Structure of a scientific presentation. Principles of building a logical presentation structure (introduction, research objective, methodology, results, conclusions). Selecting information and creating a coherent scientific narrative.
4. Creating visual materials in a scientific presentation. Principles of slide design. The readability of biological graphs, tables, and diagrams. Visualization of experimental data in biotechnology.
5. Oral presentations and presentation techniques. Public speaking techniques. Voice control, pacing, audience engagement. Managing stress during presentations.
7. Ethics in scientific communication. Accurately present research results. Cite sources, avoid plagiarism, and be responsible in conveying scientific information.
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Use the arrows to see the full translation.</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>discussion, activity</td><td>51.0%</td><td>20.0%</td></tr>
<tr><td>presentation</td><td>51.0%</td><td>80.0%</td></tr>
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<tr><td>Recommended reading</td><td>
<table>
<tr><td>Basic literature</td><td>Materials provided by the lecturer.</td></tr>
<tr><td>Supplementary literature</td><td></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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