University of Gdańsk

Subject card

Subject name and code	Seminar, PG_00053211		
Field of study	Genetics and Experimental Biology		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2025/2026
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	3	Language of instruction	Polish
Semester of study	5	ECTS credits	1.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Evolutionary Genetics and Biosystematics -> Faculty of Biology -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Marcin Górniak	
	Teachers	dr hab. Krzysztof Banaś prof. dr hab. Marek Ziętara dr hab. Marcin Górniak prof. dr hab. Tadeusz Namiotko dr Ziemowit Ciepielewski prof. dr hab. Małgorzata Kozieradzka-Kiszkurno dr Dorota Gregorowicz-Warpas dr hab. Dorota Żurawa-Janicka dr Ewa Wons dr hab. Przemysław Baranow dr Anna Kloska dr hab. Lidia Gaffke dr Sylwia Barańska dr hab. Barbara Kędzierska	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	15
	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	15	0.0	0.0	15

Subject objectives	Acquisition of the ability to develop a research or research-and-development plan and present it concisely.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GBEL3_W05] A graduate has an advanced knowledge and understanding of: principles for planning research based on the achievements of biological sciences and related disciplines and the possibility of putting their results into practice, principles for the operation of equipment and apparatus used in molecular genetics research, and the principle of interpreting biological phenomena and processes based on empirical data in research work and practical action, taking into account the sustainable use of biodiversity	The student understands the principles of planning research based on achievements in biological sciences and related fields, as well as the potential for applying their results in practice. They are knowledgeable about the operation of equipment and apparatus used in molecular genetics research and the principles of interpreting biological phenomena and processes based on empirical data in both research and practical activities, with an emphasis on the sustainable use of biological diversity.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[GBEL3_W07] A graduate has an advanced knowledge and understanding of: principles for presenting results and raising funds for research and its commercialisation	The student is familiar with the basic principles of presenting research results, securing funding for research, and commercializing findings. They are capable of independently proposing a simple research or research and development project.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[GBEL3_U06] The graduate is able to: prepare and present oral presentations in Polish and English on specific topics in biology and present their ideas and results in written and oral form	The student is skilled in delivering oral presentations in Polish and English on specific topics in biology and in presenting their ideas and results in both written and oral forms.	[SU2] presentation/project/paper/ report
[GBEL3_U08] The graduate is able to: study the literature independently and plan your own career path	The student is capable of independently studying literature and planning their own career path.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
[GBEL3_K01] The graduate is prepared to: use of theoretical knowledge in laboratory and production practice	The student is ready to apply theoretical knowledge in laboratory and production practice.	[SK2] presentation/project/paper/ report
[GBEL3_K02] The graduate is prepared to: critically evaluate their own knowledge and methods in molecular biology and related fields and commercialise their research.	The student is prepared to critically evaluate their own knowledge and methods in molecular biology and related fields, as well as the commercialization of research.	[SK2] presentation/project/paper/ report

Subject contents

- **Principles of planning and conducting research**
- **Creating a research project description**
- **Description of a research and development project**

Prerequisites and co-requisites

Course completion requirements:

1. Students are required to attend classes; any absence must be justified in accordance with the Study Regulations of the University of Gdańsk.

2. A minimum attendance of 85% of seminar sessions is required to pass the seminar.

3. Students are obliged to make up for any deficiencies in knowledge and skills resulting from absences from the seminar in the manner and within the timeframe specified by the course instructor.

The basis for course completion is:

- Presentation of the assumptions of a research or research-and-development project that will form the basis of the diploma thesis.

<table>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>The final grade is determined based on the partial grades received throughout the semester.</td><td>51.0%</td><td>50.0%</td></tr>
<tr><td>The basis for passing is the presentation of the assumptions of a research or research-and-development project, which will serve as the foundation for the thesis.</td><td>51.0%</td><td>50.0%</td></tr>
</table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Current international scientific journals recommended by the supervisor.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Current international scientific journals recommended by the supervisor.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">None</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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