University of Gdańsk

Subject card

Subject name and code	Diploma seminar, PG_00154602		
Field of study	Genetics and Experimental Biology		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2028/2029
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	6	ECTS credits	3.0
Learning profile	academic	Assessment form	credit
Conducting unit	Laboratory of Genetics/ Genetics Laboratory -> Department of Evolutionary Genetics and Biosystematics -> Faculty of Biology -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Marcin Górniak	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	30
	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	30	15.0	30.0	75

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

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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 knows 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_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 knows the principles of planning research based on achievements in biological sciences and related fields, the potential for applying their results in practice, 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 activities, with consideration for the sustainable use of biological diversity.	[SW1] oral statement/ conversation/discussion [SW2] 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_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 has the ability to deliver oral presentations in Polish and English on specific topics in biology and to present their ideas and results in both written and oral forms	[SU2] 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 ready to critically evaluate their own knowledge and methods in molecular biology and related fields, as well as the commercialization of research.	[SK1] oral statement/conversation/ discussion [SK2] 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.	[SK1] oral statement/conversation/ discussion [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. Attendance at a minimum 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.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Completion of the final assignment – project or presentation.	51.0%	50.0%
Presentation of the assumptions of a research or research-and-development project.	51.0%	50.0%

Recommended reading

Basic literature	Current international scientific journals recommended by the supervisor.

	Supplementary literature	Current international scientific journals recommended by the supervisor.
	eResources addresses	
Example issues/ example questions/ tasks being completed	None	
Work placement	Not applicable	

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