University of Gdańsk

Subject card

Subject name and code	Diploma Seminar, PG_00193542		
Field of study	Bioinformatics		
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
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 Molecular Evolution and Bioinformatics -> Department of Evolutionary Genetics and Biosystematics -> Faculty of Biology -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. Marek Ziętara	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	30.0	0.0	0.0	0.0	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	0.0	45.0	75

Subject objectives

The course is aimed at preparing the student for a critical analysis of the results of research, both own and those obtained from literature data (KU_05), the ability to prepare and present research results (KU07) for recipients with different levels of general knowledge and knowledge of a specialized language (KS_05)

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOINL3_U05] Graduate has the ability to use scientific literature, including English-language sources on bioinformatics; has the ability to use appropriate databases	Student has the ability to give presentation in Polish or English	[SU2] presentation/project/paper/ report
[BIOINL3_U07] Graduate is able to prepare in a targeted manner a written study in Polish and/or English covering detailed issues in bioinformatics, using scientific and technical language, including specialized terminology and conceptual apparatus specific to bioinformatics	Student knows the rules of presenting own results and those obtained from specialist literature	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
[BIOINL3_K02] Graduate thinks and acts entrepreneurially and responsibly, understands the need to popularize scientific achievements and their practical applications to society	Student is ready to put theoretical knowledge into practice in society	[SK8] observation of student's independent or team work
[BIOINL3_U08] Learns independently in a targeted manner	Student can use specialist knowledge in planning his own research	[SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work

<table>
<tr><td>Subject contents</td><td>Interpretation and critical processing of data obtained in own research and data contained in scientific publications.

Preparation and presentation of own studies based on own data and taken from scientific literature</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>Class activity</td><td>0.0%</td><td>10.0%</td></tr>
<tr><td>Average of partial grades from the prsentations</td><td>51.0%</td><td>90.0%</td></tr>
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</td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>A. Literature required for the final passing of the course (passing the exam):

• Literature specified by the teacher individually for each student participating in the classes
• Literature studied independently by the student</td></tr>
<tr><td>Supplementary literature</td><td>B. Supplementary literature

• Literature recommended by the teachers during classes</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="2">Not applicable</td></tr>
<tr><td>Work placement</td><td colspan="2">Not applicable</td></tr>
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