University of Gdańsk

Subject card

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|---|---|---|---|
| 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<br>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<br>[SU2] presentation/project/paper/ report<br>[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<br>[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.<br><br>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):<br><br>• Literature specified by the teacher individually for each student participating in the classes<br>• Literature studied independently by the student</td></tr>
<tr><td>Supplementary literature</td><td>B. Supplementary literature<br><br>• 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>Not applicable</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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