University of Gdańsk

Subject card

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| Subject name and code | Diploma Seminar on Freshwater Aquaculture, PG_00193032 | | |
| Field of study | Aquaculture – Business And Technology | | |
| 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 | 4.0 |
| Learning profile | practical | Assessment form | credit |
| Conducting unit | Laboratory of Aquaculture -> Department of Marine Biology and Biotechnology -> Faculty of Oceanography and Geography -> Rector | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | prof. dr hab. inż. Konrad Ocalewicz | |
| | 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 | 5.0 | 65.0 | 100 |

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| Subject objectives | Developing the ability to correctly present substantive assumptions and results of one's literature and/or laboratory research on freshwater organisms. Education and improvement of skills in preparing methodologically and technically correct scientific multimedia presentations. Developing and improving the ability to critically evaluate the presentation of scientific content. Improving the ability to conduct a scientific discussion. The classes are intended to help in preparing a bachelor's thesis. |

**Learning outcomes**

| Course outcome | Subject outcome | Method of verification |
|---|---|---|
| [AKWAL3-U04] can select and use available sources of information, and understand the literature on aquaculture in a broad sense | Is able to use the acquired knowledge - formulate and solve complex and unusual problems through<br>- proper selection of sources and information derived from them, assessment, critical analysis and synthesis of this information,<br>- selection and use of appropriate methods and tools, including advanced information and communication techniques. | [SU2] presentation/project/paper/ report |
| [AKWAL3-U14] can independently plan and initiate their lifelong learning | the student is able to plan and initiate the acquisition of knowledge in the field of his/her professional and non-professional interests | [SU1] oral statement/conversation/ discussion<br>[SU8] observation of student's independent or team work |
| [AKWAL3_W06] has an advanced understanding of techniques, research methods and tools used in aquaculture | Knows and understands the practical applications of knowledge from the scope of the bachelor's thesis topic in professional activities related to their field of study: Aquaculture Business and Technology. | [SW1] oral statement/ conversation/discussion |
| [AKWAL3_W01] has an advanced understanding of the links between achievements in selected fields of science and natural science disciplines, and their potential applications in socio-economic life | knows and understands to an advanced level - facts, theories, methods related to the subject of the diploma thesis connected to freshwater aquaculture and the complex relationships between them | [SW1] oral statement/ conversation/discussion<br>[SW2] presentation/project/paper/ report |
| [AKWAL3-U10] can prepare an oral presentation of scientific nature or a short description of research done during classes, using appropriate scientific terminology, in Polish or English | Is able to communicate with the environment using specialized terminology linked to freshwater organisms rearing, take part in debates - present and evaluate various opinions and positions and discuss them. | [SU1] oral statement/conversation/ discussion<br>[SU2] presentation/project/paper/ report |

**Subject contents**

A. Analysis of available professional literature in the field of aquaculture. A1. Data sources in aquaculture science.A2. Methods of collecting literature and source materials. A2. Analysis and interpretation of scientific texts and statistical data. A3. Rules for proper editing of scientific texts (methods of creating large-volume texts, content layout, rules for writing and posting figures and tables in the work, captions under figures and tables, numbering of chapters, figures, tables, formulas, appendices, citation rules literature, creating a literature list, etc.). B. Presentation of results and preparation of a diploma thesis. B1. Formulating the title of the diploma thesis and the substantive, time and spatial scope of the work. B2. Preparation of a diploma thesis plan. B3. Collecting and presenting the material, results obtained and presenting conclusions. B4. Presentation of the collected material with group discussion. B5. Preparation of a draft version of the diploma thesis.

**Prerequisites and co-requisites**

**Assessment methods and criteria**

| Subject passing criteria | Passing threshold | Percentage of the final grade |
|---|---|---|
| presentation 1 | 51.0% | 50.0% |
| presentation 2 | 51.0% | 50.0% |

**Recommended reading**

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|---|---|
| Basic literature | Weiner J., 1998: Techniques for writing and presenting natural science papers. A practical guide. PWN Scientific Publishing House, 152. A.1. used during classes Literature used in the preparation of the diploma thesis agreed with the supervisor/supervisor of the thesis. A.2. studied independently by the student Literature used when preparing the diploma thesis agreed with the supervisor/supervisor. |
| Supplementary literature | Literature used when preparing the diploma thesis agreed with the supervisor/supervisor. |
| eResources addresses | |

**Example issues/ example questions/ tasks being completed**

Formulating scientific hypotheses and research goals. Methods of graphically presenting research results.

**Work placement**

Not applicable

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