University of Gdańsk

Subject card

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|---|---|---|---|
| Subject name and code | Master's Thesis Laboratory in Marine and Atmospheric Chemistry II - laboratory, PG_00204985 | | |
| Field of study | Oceanography | | |
| Date of commencement of studies | October 2027 | Academic year of realisation of subject | 2028/2029 |
| Education level | Master's studies | Subject group | Obligatory subject group in the field of study<br>Optional subject group<br>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 | 2 | Language of instruction | Polish |
| Semester of study | 3 | ECTS credits | 6.0 |
| Learning profile | academic | Assessment form | credit |
| Conducting unit | Department of Chemical Oceanography and Marine Geology -> Faculty of Oceanography and Geography -> Rector | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | dr hab. Dominika Saniewska, prof. UG | |
| | Teachers | | |

| Lesson types | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
|---|---|---|---|---|---|---|---|
| | Number of study hours | 0.0 | 0.0 | 85.0 | 0.0 | 0.0 | 85 |
| | 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 | 85 | 6.0 | 59.0 | 150 |

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| Subject objectives | Carrying out research tasks related to the completion of a master's thesis; preparing and editing thesis manuscripts. |

**Learning outcomes**

| Course outcome | Subject outcome | Method of verification |
|---|---|---|
| [OCEANMU2-W05] knows and understands the principles of planning and conducting field and laboratory research as well as advanced methods and tools of scientific research, especially in the field of the studied specialty | Has in-depth knowledge and understanding of the principles of planning and conducting field and laboratory research in chemical oceanography and atmospheric chemistry, as well as advanced methods and tools used in chemical analyses and environmental measurements specific to the field of study. | [SW1] oral statement/ conversation/discussion |
| [OCEANMU2-K03] is ready to effectively organize his/her own work,<br>is active and persistent<br>and punctuality in completing tasks, is ready to<br>carrying out evaluation of their own activities | Ready to effectively organize his own work in the laboratory and during field research, shows initiative, perseverance, and timeliness in performing tasks related to chemical analysis and environmental data processing. He is prepared to critically evaluate his own actions and improve the research procedures used. | [SK8] observation of student's independent or team work |
| [OCEANMU2-U11] is able to work individually and cooperate in laboratory and field groups, performs various functions in them, including managerial ones, performs various assigned tasks | Able to work independently and effectively collaborate in laboratory and field teams, capable of performing various roles, including coordination or management functions, reliably carries out assigned tasks related to sampling, chemical analysis, and processing results. | [SU2] presentation/project/paper/ report<br>[SU8] observation of student's independent or team work |

**Subject contents**

The subject matter of classes and the scope of research, laboratory, field, and literature tasks are determined individually by the student and their thesis supervisor, in accordance with the subject matter and specifications of the thesis. Compilation of research results, their interpretation, and preparation of part of the master's thesis.

**Prerequisites and co-requisites**

**Assessment methods and criteria**

| Subject passing criteria | Passing threshold | Percentage of the final grade |
|---|---|---|
| Observation of the student's work | 51.0% | 20.0% |
| The degree of advancement of research carried out as part of the master's thesis | 51.0% | 80.0% |

**Recommended reading**

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|---|---|
| Basic literature | The literature is selected for each student individually, in accordance with the guidelines provided by the thesis supervisor. |
| Supplementary literature | The literature is selected for each student individually, in accordance with the guidelines provided by the thesis supervisor. |
| eResources addresses | |

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

Issues relevant to the master's thesis being prepared.

**Work placement**

Not applicable

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