University of Gdańsk

Subject card

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|---|---|---|---|
| Subject name and code | Seminar in Marine and Atmospheric Chemistry III, PG_00204986 | | |
| 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 | 4.0 |
| 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. Anita Lewandowska, prof. UG | |
| | 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 | 3.0 | 67.0 | 100 |

**Subject objectives**

The course aims to assist students in preparing their master's thesis by:
1. Developing and improving skills in preparing and presenting substantively and technically accurate multimedia scientific presentations in the field of marine and atmospheric chemistry related to the thesis topic.
2. Developing and improving skills in critically evaluating the selection of scientific literature and the presented scientific content.
3. Improving skills in conducting scientific discussions in the field of marine and atmospheric chemistry related to the thesis topic.

**Learning outcomes**

| Course outcome | Subject outcome | Method of verification |
|---|---|---|
| [OCEANMU2-W09] knows and understands legal regulations regarding intellectual property rights and their application in scientific work | Knows the basic legal regulations in the field of intellectual property rights (program content: scope of the master's thesis) | [SW1] oral statement/ conversation/discussion<br>[SW2] presentation/project/paper/ report |
| [OCEANMU2-U05] is able to use source information in Polish and a chosen foreign language, including archival and electronic databases, within the field of oceanography; critically analyzes and synthesizes information, and is capable of performing critical interpretation and synthesis of data | Searches for and uses literature for a diploma thesis in Polish and English, including archival and electronic databases (program content: scope of the master's thesis) | [SU1] oral statement/conversation/ discussion<br>[SU2] presentation/project/paper/ report<br>[SU8] observation of student's independent or team work |
| [OCEANMU2-K03] is ready to effectively organize his/her own work, is active and persistent and punctuality in completing tasks, is ready to carrying out evaluation of their own activities | Is ready to effectively organize his/ her own work, is active and is characterized by perseverance and punctuality in carrying out tasks, is self-critical and draws onclusions based on self-analysis (program content: scope of master's thesis) | [SK1] oral statement/conversation/ discussion<br>[SK2] presentation/project/paper/ report<br>[SK8] observation of student's independent or team work |
| [OCEANMU2-U12] can independently expand and update oceanographic knowledge when planning and developing a professional career, as well as motivates others to deepen their knowledge | Is able to independently expand and update knowledge in the field of marine chemistry/atmospheric chemistry and motivate others to deepen their knowledge (program content: scope of the master's thesis) | [SU1] oral statement/conversation/ discussion<br>[SU2] presentation/project/paper/ report |
| [OCEANMU2-K04] is ready to critically evaluate his/her knowledge and received content in the field of natural sciences in in particular in the field of the studied specialty, a in problematic situations, supports oneself with knowledge experts | Is ready to critically evaluate the knowledge he/she has and the content he/she receives in the field of marine/atmospheric chemistry and to use the knowledge of experts (program content: scope of the master's thesis) | [SK1] oral statement/conversation/ discussion<br>[SK2] presentation/project/paper/ report |
| [OCEANMU2-W02] knows and understands complex processes and phenomena occurring in the marine environment, with particular emphasis on the coastal zone, as well as complex relationships between living and non-living elements of the aquatic environment | Has a thorough knowledge of the chemical processes in the marine environment and atmosphere and understands the relationships between the various elements of the marine environment (program content: master's thesis topic) | [SW1] oral statement/ conversation/discussion<br>[SW2] presentation/project/paper/ report |

**Subject contents**

1. Discuss the principles of preparing a chapter describing the research results presented in a master's thesis. Students prepare a presentation on this topic. Discuss the presentation with the group.

2. Students write a section of their master's thesis describing the research results presented in the thesis.

**Prerequisites and co-requisites**

**Assessment methods and criteria**

| Subject passing criteria | Passing threshold | Percentage of the final grade |
|---|---|---|
| Preparing a presentation on a topic related to the master's thesis | 51.0% | 70.0% |
| Participating in discussions on other presentations | 51.0% | 10.0% |
| Providing feedback on one's own presentation | 51.0% | 20.0% |

**Recommended reading**

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|---|---|
| Basic literature | Books and scientific articles related to the topic of the master's thesis. |
| Supplementary literature | Books and scientific articles related to the topic of the master's thesis. |
| eResources addresses | |

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

**Work placement**

Not applicable

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