

## Subject card

|                                                          |                                                                                                                                                                                                                                                                                                                                                |                                                          |                                                                                     |                                     |                                                                                              |            |     |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------|------------|-----|
| Subject name and code                                    | Recent findings in ocean research, PG_00120113                                                                                                                                                                                                                                                                                                 |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Field of study                                           | Marine Biotechnology                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Date of commencement of studies                          | October 2025                                                                                                                                                                                                                                                                                                                                   |                                                          | Academic year of realisation of subject                                             |                                     | 2026/2027                                                                                    |            |     |
| Education level                                          | Master's studies                                                                                                                                                                                                                                                                                                                               |                                                          | Subject group                                                                       |                                     | 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                                                             |                                     | English                                                                                      |            |     |
| Semester of study                                        | 4                                                                                                                                                                                                                                                                                                                                              |                                                          | ECTS credits                                                                        |                                     | 1.0                                                                                          |            |     |
| Learning profile                                         | academic                                                                                                                                                                                                                                                                                                                                       |                                                          | Assessment form                                                                     |                                     | credit                                                                                       |            |     |
| Conducting unit                                          | Faculty of Oceanography and Geography -> Rector                                                                                                                                                                                                                                                                                                |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Name and surname of lecturer (lecturers)                 | Subject supervisor                                                                                                                                                                                                                                                                                                                             |                                                          | dr Anna Panasiuk                                                                    |                                     |                                                                                              |            |     |
|                                                          | Teachers                                                                                                                                                                                                                                                                                                                                       |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Lesson types                                             | Lesson type                                                                                                                                                                                                                                                                                                                                    | Lecture                                                  | Tutorial                                                                            | Laboratory                          | Project                                                                                      | Seminar    | SUM |
|                                                          | Number of study hours                                                                                                                                                                                                                                                                                                                          | 15.0                                                     | 0.0                                                                                 | 0.0                                 | 0.0                                                                                          | 0.0        | 15  |
|                                                          | 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                                                                                                                                                                                                                                                                                                                          | 15                                                       |                                                                                     | 2.0                                 |                                                                                              | 10.0       | 27  |
| Subject objectives                                       | The aim of the course is to present students with the latest directions of research in the field of oceanography conducted in research centers in Poland and abroad, as well as to familiarize them with the latest scientific reports. Lectures will also be given by invited guests from various research institutions in Poland and abroad. |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Learning outcomes                                        | Course outcome                                                                                                                                                                                                                                                                                                                                 |                                                          | Subject outcome                                                                     |                                     | Method of verification                                                                       |            |     |
|                                                          | [MBMU2-KW03] Knows and understands complex biological phenomena at the molecular level, understands their significance for an organism, marine environment and marine biotechnology                                                                                                                                                            |                                                          | Student possesses advanced knowledge about the current challenges of marine science |                                     | [SW1] oral statement/ conversation/discussion<br>[SW5] implementation of a problem task      |            |     |
| Subject contents                                         |                                                                                                                                                                                                                                                                                                                                                |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Prerequisites and co-requisites                          |                                                                                                                                                                                                                                                                                                                                                |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Assessment methods and criteria                          | Subject passing criteria                                                                                                                                                                                                                                                                                                                       |                                                          | Passing threshold                                                                   |                                     | Percentage of the final grade                                                                |            |     |
|                                                          | eseey or test                                                                                                                                                                                                                                                                                                                                  |                                                          | 51.0%                                                                               |                                     | 100.0%                                                                                       |            |     |
| Recommended reading                                      | Basic literature                                                                                                                                                                                                                                                                                                                               |                                                          |                                                                                     |                                     |                                                                                              |            |     |
|                                                          | Supplementary literature                                                                                                                                                                                                                                                                                                                       |                                                          |                                                                                     |                                     |                                                                                              |            |     |
|                                                          | eResources addresses                                                                                                                                                                                                                                                                                                                           |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Example issues/ example questions/ tasks being completed |                                                                                                                                                                                                                                                                                                                                                |                                                          |                                                                                     |                                     |                                                                                              |            |     |
| Work placement                                           | Not applicable                                                                                                                                                                                                                                                                                                                                 |                                                          |                                                                                     |                                     |                                                                                              |            |     |