University of Gdańsk

Subject card

Subject name and code	Marine biotechnology in a real world - tutorials, PG_00192724		
Field of study	Marine Biotechnology		
Date of commencement of studies	October 2027	Academic year of realisation of subject	2027/2028
Education level	Master's studies	Subject group	Obligatory subject group in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	English
Semester of study	1	ECTS credits	1.0
Learning profile	academic	Assessment form	credit
Conducting unit	Intercollegiate Faculty of Biotechnology UG-MUG -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Agnieszka Bernat-Wójtowska	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	15.0	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	1.0	9.0	25

Subject objectives

The aim of this course is to present to students latest findings in marine biotechnology; discuss diverse examples documenting the application of marine organism and marine products in various areas of our live. Part of the classes will be conducted with the contribution of invited guests from various research institutions and business companies in Poland and abroad.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[MBMU2-KW04] Knows and deeply understands advanced research methods used in marine biotechnology and related sciences	BIOTECHMU2_W04 The student is able to provide examples of the use of marine organisms and their products in industrial processes.	[SW1] oral statement/ conversation/discussion
[MBMU2-KK01] Is ready to critically evaluate his knowledge and continuously improve, update and upgrade his skills in the field of marine biotechnology	BIOTECHMU2_K01 Student actively participates in discussion and formulates questions concerning specific aspects of the operations of companies that utilize marine resources.	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work
[MBMU2-KU03] Can use and critically analyze available scientific information; can prepare and present - orally or in writing - a paper covering detailed problems in the field of marine biotechnology on the basis of the scientific information or their own work, with the use of scientific language, including specialized terminology and conceptual apparatus; has the ability to conduct discussions	BIOTECHMU2_U03 Based on the available information, the student is able to present orally or in writing on the practical applications of marine organisms and their products.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written

<table>
<tr><td>Subject contents</td><td>Presentations of success stories in the area of marine biotechnology.

Presentations of currently conducted studies aimed at commercialization of marine-derived-product.

Presentations of latest break-through and scientific achievements in the field.

Other aspects of marine biotechnology.</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>credit based on active participation</td><td>51.0%</td><td>30.0%</td></tr>
<tr><td>credit based on exit test</td><td>51.0%</td><td>70.0%</td></tr>
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<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td>The reading list will be presented during the classes depending on the subject matter/invited guests.</td></tr>
<tr><td>Supplementary literature</td><td>The reading list will be presented during the classes depending on the subject matter/invited guests.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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