

**Subject card**

<b>Subject name and code</b>	Geomorphology of sea coast - laboratory exercises, PG_00117844						
<b>Field of study</b>	Oceanography						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2024/2025		
<b>Education level</b>	postgraduate studies	<b>Subject group</b>			Obligatory subject group in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	2	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>					
<b>Conducting unit</b>	Faculty of Oceanography and Geography						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Radosław Wróblewski				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	0.0	15.0	0.0	0.0	15
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	15		2.0		15.0	32
<b>Subject objectives</b>	Knowledge of basic processes and factors influencing the development of the coast and coastal zone; knowledge of coastal types; human influence on coastal zone development; coastal palaeogeography including the Southern Baltic coasts.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>			<b>Method of verification</b>	
	[OCEANMU2-U02] can use scientific terminology fluently and appropriately in presenting and discussing problems in the field of oceanography		Understands the geomorphological processes of the coastal zone			[SU1] oral statement/conversation/discussion	
	[OCEANMU2-U03] can plan and carry out independently advanced research and measurements, both in field and laboratory, using appropriately selected measurement and analytical techniques in the field of oceanography, adequately to the studied specialty and research problem		Is proficient in oceanographic issues, including marine coastal zone processes			[SU1] oral statement/conversation/discussion	
	[OCEANMU2-U05] is able to use source information in Polish and a selected foreign language, including archival and electronic databases, in the field of oceanographic issues, performs critical analysis and synthesis of information		Is able to use scientific resources.			[SU1] oral statement/conversation/discussion	

Subject contents	Geomorphological processes and forms.Coastal zone dynamics.Human influence on coastal zone development.								
Prerequisites and co-requisites									
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="454 412 798 443">Subject passing criteria</th> <th data-bbox="801 412 1142 443">Passing threshold</th> <th data-bbox="1145 412 1479 443">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="454 443 798 497">obtaining a positive grade for all assignments</td> <td data-bbox="801 443 1142 497">51.0%</td> <td data-bbox="1145 443 1479 497">100.0%</td> </tr> </tbody> </table>	Subject passing criteria	Passing threshold	Percentage of the final grade	obtaining a positive grade for all assignments	51.0%	100.0%		
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obtaining a positive grade for all assignments	51.0%	100.0%							
Recommended reading	Basic literature	<p>Bird E., 2003, Coastal Geomorphology, J. Wiley &amp; Sons Ltd.Einsele G., 2000, Sedimentary Basins, Evolution, Facies and Sediment Budget, Springer-Verlag, Berlin.Leontiew O. K., Nikiforow L. G., Safianow G. A., 1982, Geomorfologia brzegów morskich, Wydawnictwo Geologiczne, Warszawa.</p>							
	Supplementary literature	<p>Klimaszewski M., 1978, Geomorfologia, PWN Warszawa.Lindner L. red., 1992, Czwartorzęd, Wyd. PAE, Warszawa.Massel S., 1989, Hydrodynamics of coastal zones, wyd. IBW PAN, Gdańsk.Pruszk Z., 1998, Dynamika brzegu i dna morskiego, IBW PAN, Gdańsk.Uścińowicz S., 2003, Relative sea level changes, glacio-isostatic rebound and shoreline displacement in the southern Baltic, Polish GeologicalInstitute Special Papers, 10, Warszawa.Allen P. A., 2000, Procesy kształtują powierzchnię Ziemi, Wyd. PWN, Warszawa.</p>							
	eResources addresses	Adresy na platformie eNauczanie:							
Example issues/ example questions/ tasks being completed									
Work placement	Not applicable								

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