

**Subject card**

|  |  |  |                     |                                     |  |            |     |
|--|--|--|---------------------|-------------------------------------|--|------------|-----|
| <b>Subject name and code</b>                       | Maritime economy, PG_00191741  |  |                     |                                     |  |            |     |
| <b>Field of study</b>                              | Spatial Management   |  |                     |                                     |  |            |     |
| <b>Date of commencement of studies</b>             | October 2026   | <b>Academic year of realisation of subject</b>           |                     |                                     | 2027/2028  |            |     |
| <b>Education level</b>                             | Bachelor's studies   | <b>Subject group</b>                                     |                     |                                     | Obligatory subject group in the field of study<br>Subject group related to scientific research 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>                               | 2  | <b>Language of instruction</b>                           |                     |                                     | Polish   |            |     |
| <b>Semester of study</b>                           | 4  | <b>ECTS credits</b>                                      |                     |                                     | 4.0  |            |     |
| <b>Learning profile</b>                            | academic   | <b>Assessment form</b>                                   |                     |                                     | credit   |            |     |
| <b>Conducting unit</b>                             | Division of Regional Development -> Institute of Socio-Economic Geography and Spatial Management -> Faculty of Social Sciences -> Rector   |  |                     |                                     |  |            |     |
| <b>Name and surname of lecturer (lecturers)</b>    | <b>Subject supervisor</b>  |  | dr Małgorzata Pacuk |                                     |  |            |     |
|  | <b>Teachers</b>  |  |                     |                                     |  |            |     |
| <b>Lesson types</b>                                | <b>Lesson type</b>   | Lecture  | Tutorial            | Laboratory                          | Project  | Seminar    | SUM |
|  | <b>Number of study hours</b>   | 30.0   | 20.0                | 0.0                                 | 0.0  | 0.0        | 50  |
|  | 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>   | 50   |                     | 0.0                                 |  | 50.0       | 100 |
| <b>Subject objectives</b>                          | <p>Systematise knowledge of the conditions, factors and patterns of transformation of the maritime economy and its various divisions at different spatial scales</p> <p>Acquisition of the ability to methodically analyse theoretical and practical maritime economy problems</p> <p>Improving the ability to critically analyse information and one's own knowledge, as well as the ability to work in teams and collaborate with others</p> |  |                     |                                     |  |            |     |

| Learning outcomes | Course outcome   | Subject outcome   | Method of verification   |
|-------------------|--|---|--|
|                   | [GPL3_U02] correctly identifies and explains the conditions of spatial management of a particular area and forecasts the impact of basic social processes on the structure of spatial development, and on this basis proposes adequate actions within spatial policy, in particular in relation to Polish maritime areas and voivodeships of northern Poland | correctly identifies conditions and factors for the transformation of the maritime economy, is able to assess the impact of fundamental socio-economic processes on the transformation of individual sectors of the maritime economy, particularly with regard to Polish maritime areas and the northern Polish regions | [SU2] presentation/project/paper/report<br>[SU3] text preparation/written work |
|                   | [GPL3_W02] knows problems, theories and trends in spatial management, taking into account aspects of the natural environment; understands their theoretical and practical significance   | knows and understands the theories explaining the transformation of the maritime economy taking into account aspects of the natural environment, identifies the main problems of maritime economy development and explains their theoretical and practical significance   | [SW4] test/exam - oral or written  |
|                   | [GPL3_U01] formulates and solves complex and unusual problems of spatial management in accordance with the principles of sustainable development and spatial order   | formulates complex research tasks in the field of maritime economy in a group in accordance with the principles of sustainable development, using suitably selected information sources and appropriate quantitative and qualitative methods  | [SU2] presentation/project/paper/report<br>[SU3] text preparation/written work |
|                   | [GPL3_K06] is ready to care for the achievements and traditions of the profession, and comply with the principles of professional ethics by themselves and to demand that from others  | is prepared to fulfil professional roles responsibly and to observe professional ethics   | [SK2] presentation/project/paper/report<br>[SK3] text preparation/written work |
|                   | [GPL3_K04] is ready to initiate and actively participate in activities for the benefit of spatial order and sustainable development of the region, country and Europe  | is prepared to take an active part in solving cognitive and practical problems in the field of maritime economy in accordance with the principles of sustainable development  | [SK2] presentation/project/paper/report<br>[SK3] text preparation/written work |

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| Subject contents                | <p>A. Problems of the lecture</p> <p>A1. The concept of maritime economy and its role in socio-economic development</p> <p>A2. Marine resources and their economic use (mineral resources, fisheries, aquaculture, offshore wind energy)</p> <p>A3. Maritime transport and seaports - their significance in spatial systems</p> <p>A4. Shipbuilding and offshore industry</p> <p>A5. Coastal, offshore and maritime tourism</p> <p>A6. Socio-economic and spatial policies towards maritime and coastal areas</p> <p>A7. Factors and barriers of maritime economy transformation</p> <p>A8. The environmental impact of maritime economy</p> <p>B. Problems of exercises</p> <p>B1. Maritime economy in national and regional socio-economic and spatial planning documents</p> <p>B2. Issues of maritime economy in socio-economic and spatial planning of cities</p> <p>B3. Ports and shipyards - characteristics of economic activity and forms of spatial organisation</p> <p>B4. Coastal and maritime tourism - characteristics of economic activities and forms of spatial organization</p> |                   |                               |
| Prerequisites and co-requisites | Knowledge from subjects taken in earlier semesters of this course is required   |                   |                               |
| Assessment methods and criteria | Subject passing criteria  | Passing threshold | Percentage of the final grade |
|                                 | presentation, written work  | 51.0%             | 50.0%                         |
|                                 | written test  | 51.0%             | 50.0%                         |

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| Recommended reading | Basic literature | <p>Bąkowski T., 2018, Spatial planning and development of Polish maritime areas. Administrative and legal issues, Wydawnictwo PWN, Warszawa.</p> <p>Brodzicki T., Zaucha J., 2013, Study on Blue Growth, Maritime Policy and EU Strategy for the Baltic Sea Region, Instytut Rozwoju, Sopot.</p> <p>Czapliński P., 2015, The offshore industry in Poland - attempted definition, status and development opportunities. Prace Komisji Geografii Przemysłu Polskiego Towarzystwa Geograficznego, 29(4), 103111.</p> <p>Czapliński P., 2018, Developments in the Polish fish processing industry. Prace Komisji Geografii Przemysłu Polskiego Towarzystwa Geograficznego, 32(2), 6072.</p> <p>Gostomski E., Nowosielski T., 2023, Trends in the global maritime economy. Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk.</p> <p>Miotke-Dzięgiel J., 2002, Maritime tourism, Wydawnictwo Uniwersytetu Gdańskiego, Gdańsk.</p> <p>Pacuk M., 2020, The environmental impact of shipping in the Baltic Sea Area [in:] G. Fedorov et al. (eds.) Baltic Region - the region of cooperation, Springer</p> <p>Palmowski T., Tarkowski M., 2016, Entrepreneurial support in the restructuring process of the shipbuilding industry - example of the Baltic Port of New Technologies, .Prace Komisji Geografii Przemysłu Polskiego Towarzystwa Geograficznego, 30, 159-172</p> <p>Pluciński M., 2013 ,Polish seaports in a changing external environment , Wydawnictwo CeDeWu, Warszawa.</p> <p>Zaucha J., 2018, Management of maritime space. Wydawnictwo Akademickie SEDNO, Warszawa</p> |
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|  | Supplementary literature                         | <p>Czapliński P., 2018, Polish Geography of Industry in Sea Research, Studies of the Industrial Geography Commission of the Polish Geographical Society, 32(4), 123134.</p> <p>Kizielewicz J., 2017, The infrastructural potential of seaports as a competitive element in the market for cruise shipping services, Folia Turistica, Akademia Wychowania Fizycznego im. B. Czecha w Krakowie, 42, 6985.</p> <p>Mazaris A. D., Germond, B., 2018, Bridging the gap between climate change and maritime security: towards a comprehensive framework for planning. Science of the Total Environment, 635, 10761080.</p> <p>Notteboom T., Pallis A., Rodrigue J.-P., 2022, Port economics, management and policy. Routledge, New York.</p> <p>Pacuk M., 2024, Motorways of the Sea as links in the Trans-European Transport Network (TEN-T) conceptual framework and projects involving Polish ports, Prace Komisji Geografii Komunikacji PTG, 27(1), s. 7-26</p> <p>Polónia A., Ribeiro A. S., Lange D., 2017, Connected oceans: New pathways in maritime history. International Journal of Maritime History, 29(1), 9095.</p> <p>Sala J., Tańska H., 2018, Selected development support initiatives and their costs using the example of maritime economy regions. Nierówności Społeczne a Wzrost Gospodarczy, 53, 275285.</p> |
|  | eResources addresses                             |  |
| Example issues/<br>example questions/<br>tasks being completed | The law of the sea and maritime spatial planning | Offshore wind energy   |
|  | Environmental impact of maritime transport       |  |
| Work placement   | Not applicable                                   |  |

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