

SYLLABUS academic year 2023/24 Faculty of Economics University of Gdansk

ECTS credits 4 Name of unit administrating study KL Field of study Economics Field of specialisation L&M Teaching staff Cezary Mańkowski, Associate Professor Number of hours 0 Language classes 0 Lectures 0 Classes 0 Tutorials 0 Laboratory 30 Seminars 0 Language classes 0 Hours with the participation of the academic teacher (including office hours, exams, others): Year&Type of studies* 1 SS2, Hours without the participation of the academic teacher (including office hours, exams, others): Semester: 1, Hours without the participation of the academic teacher (suchar's self-study, homeworks): 0 Language of instruction: obligatory Total number of hours: 0 Language of instruction: English instruction: English Teaching form in-class learning Inclass le												
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Introductory General knowledge on menageral economics												
Assessment method, forms and criteria												
Assessment method Course completion (graded)												
Assessment criteria Development of a graphic EPC model of a selected logistics or mobility process and written description of the model according to the EPC terminology. The main assessment criteria include: 1) correctness of the graphic model and its written description; 2) complexity of the model ; 3) no absence in the classes.												
Course objectives												
The objective of the course is to complement the implementation of selected learning objectives in terms of knowledge, skills and social competence in the area of logistics and mobility modelling.												
Learning outcomes												
Knowledge E2_W08 Student knows statistical and econometric methods and tools for description and macro and microeconomic modelling of economic structures and public institutions and processes occurring in them, in relation to logistics and mobility												
Verification of learning outcomes - Knowledge												
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E2_W08												
Skills E2_U04 Student can forecast and model complex economic and social processes using quantitative and qualitative methods and tools developed by economic sciences (including statistics and econometrics), in relation to logistics and mobility												
Verification of learning outcomes - Skills												
written exam oral exam exam homeworks homework												
E2 U04												



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related to the profession, in relation to logistics and mobility											
Verification of learning outcomes - Attitudes											
Outcomes	written exam	oral exam	test	essay/paper /portfolio	tasks/ homeworks	individual presentation	group presentation	classroom activities	classroom discussion	individual project	group project
E2_K05										Х	
Course contents											
 2.Development of EPC model of logistics or mobility process Methods and tools of logistics or mobility process modelling. Constructing a model of a selected logistics or mobility process according to the EPC standard of modelling 3.Analysis of logistics or mobility process model Heuristics, benchmarking, simulation, time/cost/quality analysis 4.Improvement of logistics or mobility process Vision, redesigning, reengineering 5.Presentation and discussion on the model of improved logistics or mobility process Presentation, estimation, discussion 											
Recommended reading lists											
Literature obligatory: 1) Rosing M., A-W. Scheer, H. Scheel: The Complete Business Process Modeling Handbook. Body of Knowledge from Process Modeling to BPM (Volume 1). Morgan Kaufmann, Waltham 2015. Available <u>HERE</u> 2) Mańkowski C.: Ontological Foundations for Business Logistic Process Modeling. "Railway Transport and Logistics" 2007, no. 2, p. 30-38. Available <u>HERE</u> 3) Mańkowski C.: Architectures of logistics processes and systems, Transport Economics and Logistics, Gdańsk University Press, vol. 68, 2017, p. 25-38. Available <u>HERE</u> 4) Mańkowski C., Charłampowicz J.: Managing maritime container ports' sustainability: a reference model. "Sustainability", MDPI, vol. 13, nr 18, 2021, p. 1-15. Available <u>HERE</u> 1) AW. Scheer: ARIS-Business Process Modeling. Springer Verlag, Berlin 2000 2) J. Mendling: Metrics for process models. Springer Verlag, Berlin 2008 3) <u>Http://supply-chain.org/</u> <u>Http://www.softwareag.com</u> <u>Http://www.idef.com</u> Http://www.idef.com											
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* SS1- undergraduate studies * SS2 - graduate studies * SDang - doctoral studies											

** MSG - International Economic Relations