COURSE UNIT (MODULE) DESCRIPTION

Course unit (module) title	Code
Empirical industrial organisation	

Academic staff	Core academic unit(s)
Coordinating: assoc. prof. dr. Martina Dal Molin **Other(s):**	Faculty of Economics and Business Administration

Study cycle	Type of the course unit
Second	Compulsory

Mode of delivery	Semester or period when it is delivered	Language of execution
Mixed (auditory and remote)	Spring semester	English

Requisites	
Prerequisites: knowledge of microeconomics	**Co-requisites (if relevant):**

Number of ECTS credits allocated	Student's workload (total)	Contact hours	Individual work
5	130	32	98

Purpose of the course unit		
The aim of the subject **is** for students to understand the recent scientific studies on the interactions between companies in the economy and to be able to apply various related methodologies, integrating theoretical models with empirical analysis.		
Learning outcomes of the course unit	**Teaching and learning methods**	**Assessment methods**
Gain a broad knowledge of the economic theory of an industrial organisation and a deep understanding of economic theories and their application, analysing and interpreting complex economic phenomena, as, for example, the structuring and functioning of markets; understand the interaction between the different actors involved in them	Critical reading of the text, problematic teaching, lecture discussion, problem conversation, demonstration	Homework (tests with open and closed questions); final test
Will demonstrate knowledge and understanding that provides a basis or opportunity for original thinking by assessing the related context, i.e. will be able to accumulate, analyse and interpret information independently	Critical reading of the text, learning in solving problems, case studies	Homework (tests with open and closed questions); final test
Will be able to use appropriate tools, techniques and methodologies to solve problems, eliminate contradictions and confirm solutions; use the tools of economic analysis applied in the research of an empirical organization	Computer and theoretical modelling, learning in action, learning in solving problems, critical reading of the text, arguments for and against	Homework (tests with open and closed questions); final test
Develop communication skills to help you succeed in dynamic business environments and respond to changing conditions	Case studies, graphical visualisation techniques, participation in discussions, cross-discussions	Evaluation of the presentation of the case study

Content	Contact hours							Individual work: time and assignments	
	Lectures	Tutorials	Seminars	Workshops	Internship	Laboratory work	**Contact hours, total**	**Individual work**	**Tasks for individual work**
1. **Introductory lecture.** The goals and objectives of the subject and the abilities and benefits acquired by students are also discussed. Introduction and review of microeconomics (technology, cost, demand, etc.) and game theory.	1						**1**	**2**	Reading literature; identification of problems, discussion; Test.
2. **A brief introduction to statistics and econometrics:** methods for assessing relationships, including causal ones; test statistics, features of time series methods.	1		1				**2**	**6**	Theoretical and practical tasks
3. **Market shortages and competition.** Monopoly. Product differentiation. Evaluation of differentiated product models.	3		3				**6**	**18**	Reading literary and detached scientific publications; theoretical and practical tasks; case studies, test
4. **Cartels and illegal agreements.** Models of cartels and illegal agreements and their application.	2		2				**4**	**18**	Reading individual scientific publications, theoretical and practical tasks, case studies, test
5. Models for entering the market. Rating and application of models for entering the market. Vertical restrictions.	3		3				**6**	**18**	
6. Consumer dynamics. Consumer demand modebooks and their application.	2		3				**5**	**18**	
7. Mergers and their simulation i. Simulation of mergers and application of models.	2		2				**4**	**9**	Reading individual scientific publications, theoretical and practical tasks, test
8. Mergers and their simulation II. Simulation of mergers and application of models.	2		2				**4**	**9**	
Iš viso	**16**		**16**				**32**	**98**	

Assessment strategy	Weight %	Deadline	Assessment criteria
Homework (tests with open and closed questions)	30	During the semester	Work at home. Timely tests of home dabs with open and closed issues are evaluated. A 10-point scale is applied to the assessment. Tests with closed questions and tasks are evaluated according to the volume of correctly performed tasks and questions answered, taking into account the weight assigned to them in the final grade of the test. Open-ended questions are evaluated according to the demonstrated level of knowledge and the completeness of the answers, which is evaluated according to the assessment scale given at the final section of the test.
Case study presentations	30	During the semester	A 10-point scale is applied to assess case study presentations. The evaluation criteria are as follows: clear presentation of ideas, quality of speech (clarity, volume), quality of reasoning, quality of conclusions, eye contact with the audience, quality of visually presented material, question management (quality of

			answer to questions), and time management (whether the time allotted for the presentation is properly used).
Final test	40		The final test consists of 20-30 open and closed questions (optionally, by the lecturer's decision). Rated as follows: 10 points or excellent knowledge and abilities: the work is done by all requirements; 9 points or good knowledge and skills: the work is done according to all requirements, but minor and minor errors are possible; 8-7 points or average knowledge and skills: the work does not fully meet the requirements, minor mistakes are possible; 6 points or satisfactory knowledge and abilities: the work does not fully meet the requirements, the structure of the work is not very clear and logical, the necessary parts are missing, data analysis is weak, and superficial conclusions are made. 5 points or weak knowledge and abilities: the work meets the minimum requirements. 4-1 points or unsatisfactory knowledge and abilities: the work does not meet the minimum requirements.
The grade of the subject exam is satisfactory when the arithmetic weighted average of the final test (correct answers must be at least 50 percent) and all other assessments (homework and case study presentation) is at least 5 points.			
An externship exam is possible.			

Author (-s)	Publishing year	Title	Issue, volume	Publisher
Mandatory literature				
Don E. Waldman, Elizabeth J. Jensen	2019	Industrial organisation: theory and practice	5th edition	Routledge. Taylor&Francis group
Cabral, L.	2017	Introduction to Industrial Organization		MIT Press
Paul Belleflamme and Martin Peitz	2010	Industrial Organization: Markets and Strategies		Cambridge University Press.
Further reading				
Peter Davis and Eliana Garces	2009	*Quantitative Techniques for Competition and Antitrust Analysis*		Princeton University Press.
Tirole, J.	2000	The Theory of Industrial Organization		MIT Press