Course title	Elements of Econometrics
Lecturer	Determined later
Lecturer's email address	
Hours	15
ECTS	5
Academic year	2020/2021
Semester	summer
Content	Content provided during the lectures: 1.1. Introduction to Econometrics 1.2. Simple linear regression 1.3. Multiple linear regression 1.4. Ordinary Least Squares Method – OLS method 1.5. Methods of Verification of the model 1.6. Time series models 1.7. Problems in Econometric modeling
Learning outcomes	At the end of the course the learner is expected to be able to: Econometrics is the application of statistical techniques and inferences to observe data in order to evaluate economic theories and their predictions. The main goal is to introduce students a working knowledge of building the econometrical models. Student should posses basic knowledge from fields such as: descriptive statistics, statistical inference, mathematics and economics. Learning outcomes: 1 -Student has ability to describe the interactions between economic phenomenon based on estimated econometric model 2 - Student has ability to define dependent and independent variables appearing in econometric models, student has the ability to build and verify the econometric models 3- Student retains caution and criticism in the expression of opinion based on researches using econometric models to conducts statistical study of economic processes.
Selected literature	1. Econometrics By Lawrence J. Lau, Dale Weldeau Jorgenson 2. A Concise Introduction to Econometrics: An Intuitive Guide By Philip Hans Franses, Cambridge 2000 3. Hanry D.F., Neilsen B.; Econometrics Modeling: A likehood Approach, Timberlake Consultants Ltd.

Teaching tools/methods	Lectures, Lectures With Discussion, Class Discussion, Case Studies, Exercises, Work in the groups
Form of examination	Students are obliged to prepare a presentation based on their own researches, using the available free databases