1.Course Identity

Course Name	Basic Econometrics		
Faculty	Business and Econometrics	**Study Program**	Economics
Code	SIE503	**Credit**	3
Group	Study Program	**Course Status**	Compulsory
Semester	5	**Availability**	Limited
Learning Method	In-class	**Media**	Blended
Course Group	Core Courses	**Prerequisite**	Inductive Statistics

2. Course Description

This course describes basic concepts of regression and formation of model regression and its application using empirical data for Economy. This course also provides the application of analysis tools which can be used for carrying out basic study of economics. In general, this course discusses basic concepts of regression, estimation problem on regression, estimation interval and hypothesis testing, multiple regression model, dummy variable model, and concept of classical assumption on OLS.

3.Learning Outcome

GLO Code	Formulation of Graduate Learning Outcome (GLO)	CLO Code	Formulation of Course Learning Outcome (CLO)
E	Able to master quantitative reasoning to analyze the phenomena of business, finance, and economic development.	E6	Able to understand basic concepts and regression models testing based on data analysis procedures including economic relationship modeling, model estimation and testing, and interpretation based on output results.
H	Able to use the data and technology to analyze the problem of economic development, finance, and business.	H2	Able to apply the regression analysis procedure including estimation, model testing, and interpretation based on output results using econometric software

4. Study Materials and Main References

Study Materials	- Concept and Scope of Econometrics - Data in Economics - Basic concept and regression model - Simple and multiple regression - Estimation interval and hypothesis testing - Concept and form of regression model using dummy variable - Concept and classical assumption testing on OLS
Main References	Gujarati, D., & Porter, D. 2009. Basic Econometrics. 5th Edition. New York: McGraw Hill Widarjono, Agus. 2019. Ekonometrika: Pengantar dan Aplikasinya Disertai Panduan Eviews Edisi 5. Yogyakarta: UPP STIM YKPN

Date :	Date :	Date :
Authorized by Dean	Checked by Head of Department	Prepared by
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