

Subject	Intermediate Econometrics (Special Lectures)I	Subject	Intermediate Econometrics (Special Lectures)I		
Instructor	DAI RUNYU	Instructor	DAI RUNYU		
Day · Period	Tue.2Period				
Eligible Participants	3・4				
Course Numbering	EAL-ECO364E				
Credit(s)	2Credits				
Course of Media Class					
Main Subjects					
Object and Summary of Class	This course focuses on basic econometrics and aims to prepare students for advanced econometrics courses. In the first half, students will learn fundamental concepts of probability and statistics necessary for understanding basic econometric models. The second half will focus on cross-sectional data analysis, covering estimation and inference for basic regression models. If time permits, the course will also include simple programming using R or Python.				
Goal of Study	Students are expected to have a deep understanding of probability, statistics, and elementary cross-sectional regression models. A solid grasp of the knowledge covered in this course will also facilitate studying other economics courses and interpreting empirical research papers.				
Contents and Progress Schedule of the Class	<p>The course contents are based on following textbooks 【Probability & Statistics for Economists by Bruce E. Hansen】</p> <p>Contents:</p> <ol style="list-style-type: none"> 1. Basic Probability Theory and Random Variables. 2. Parametric Distributions. 3. Sampling and Estimation. 4. Hypothesis Testings. 5. Simple Linear Regression model. 6. Multiple Linear Regression model. 				
Practical business					
Language Used in Course	English				
Evaluation Method	Assignments (3 to 5 times, 40% of the total) and final exam (60% of the total).				
Textbook and References					
書名	著者名	出版社	出版年	ISBN/ISSN	資料種別
Probability & Statistics for Economists	Bruce E. Hansen				
U R L	vh7jpqj4				
Preparation and Review	Please review the course contents after the lecture.				
Attached File					
In Addition	Some classes may be delivered in an on-demand or online format. The course content and mode of instruction may be adjusted depending on the progress of the course. Any changes will be announced in advance during the semester.				
Last Update					

One-credit courses require 45 hours of study. In lecture and exercise-based classes, one credit consists of 15-30 hours of class time and 30-15 hours of preparation and review outside of class. In laboratory, practical skill classes, one credit consists of 30-45 hours of class time and 15-0 hours of preparation and review outside of class.

