

Subject	Spatial Economics	Subject	Spatial Economics		
Instructor	DAO-ZHI ZENG	Instructor	DAO-ZHI ZENG		
Day・Period	Fri.1Period				
Eligible Participants	3・4				
Course Numbering	EAL-ECM333E				
Credit(s)	2Credits				
Course of Media Class					
Main Subjects					
Object and Summary of Class	Spatial economics clarifies regional industrial agglomeration and international trade by incorporating spatial factors into traditional economics. This lecture mainly focuses on trade theory and regional science, which exhibit a remarkable development in recent years. Specifically, we study representative general-equilibrium models in international economics and regional economics, and then show their applications. To understand this course, you are expected to have some basic knowledge of microeconomics.				
Goal of Study	To learn the basic theory and understand the research frontier.				
Contents and Progress Schedule of the Class	We use Google Classroom this year. I am preparing on-demand lectures, but the class may be switched to a face-to-face one if many students hope in-person lectures. There will be 15 lectures as follows. 1 Introduction 2 The Dixit-Stiglitz CES model 3 The home market effects 4 2-factor models 5 Mathematica usage 6 Quasi-linear mode 7 Heterogeneity models 8 Gravity models I 9 Gravity models II 10 Welfare analysis 11 Non-CES equilibrium analysis 12 Equilibrium vs. optimum 13 Core-periphery models 14 Continuous space 15. Applications etc.				
Practical business					
Language Used in Course	The lectures will be in English.				
Evaluation Method	Students are evaluated based on the level of class participation (30%) and assignments (70%).				
Textbook and References					
書名	著者名	出版社	出版年	ISBN/ISSN	資料種別
空間経済学	曾道智・高塚創	東洋経済新報社	2016	978-4492314852	教科書
The Spatial Economy	Fujita, M., Krugman P and Venables A.	MIT Press	1999	978-0262561471	Reference
U R L					
Preparation and Review	Home works are used to review the lectures. They are also used to evaluate your final score.				
Attached File					
In Addition	Office hour: Friday 16:30-18:00 or by appointment.				
Last Update	2025/02/13				

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.