



[AGST INTERNATIONAL COLLABORATIVE COURSE]

生物資源経済学特別講義 VB

SPECIAL LECTURE ON NATURAL RESOURCES ECONOMICS VB

## Consumer Behavior and Demand Analysis for Food and Nutrition

by Prof. Xiaohua YU

(Department of Agricultural Economics and Rural Development, University of Göttingen, Germany)

This course is designed for graduate-level students at Kyoto University, and helps understand fundamental economic theory of consumer behaviors and practice demand analysis, and basic empirical methods for food and nutrition demand and nutrition. This course includes two parts: Part I introduces the basic theory and Part II applies the theory to demand analysis using data from developing countries.



**Prof. Xiaohua YU:** Chair Professor of Agricultural Economics in Developing and Transition Countries, Courant Research Centre "Poverty, Equity, and Growth", and Department of Agricultural Economics and Rural Development, University of Göttingen. He is also Project Professor in the Top Global University Program at Kyoto University (2016-present).

- **This course is designed to be worth 1 credit.**
- **For academic credit:** Registration via KULASIS is already closed.
- **For non-credit participation:** Register with Mr. KURODA by emailing him your name, affiliation, and student ID number **by Dec 14**. Registration for non-credit participation will be accepted on a first-come and first-served basis and will be closed upon reaching the full capacity.

AGST (Asian Platform for Global Sustainability & Transcultural Studies)  
Social Sciences and Humanities Unit  
for Japan Gateway: Kyoto University Top Global Program

# December 2018

[SCHEDULE]

	10:30 -12:00	13:00 -14:30	14:45 -16:15	16:30 -18:00
Dec 25		①	②	③
Dec 26	④		⑤	⑥
Dec 27		⑦	⑧	
Dec 28		final exam		

[VENUE]

Dec 25 Lec.1-3:

Kobayashi-Masukawa Memorial Seminar Room  
(1st Floor, Masukawa Bldg for Education and Research, North Campus)

Dec 26-28 Lec.4-8 & Exam: E217  
(2<sup>nd</sup> Floor, Faculty of Agriculture Main Bldg.)

[COURSE CONTENTS]

- 1 Introduction
- 2 Review of the Demand Theory
  - 2.1 Utility and Demand
  - 2.2 Cost minimization
  - 2.3 Properties of Demands
  - 2.4 Consumer surplus
- 3 The Theory at Work
  - 3.1 Stone's analysis
  - 3.2 Rotterdam Demand Model
  - 3.3 Linear Expenditure System (LES)
  - 3.4 Almost Ideal Demand System (AIDS)
  - 3.5 Quadratic Almost Ideal Demand System (QUAIDS)
- 4 Demand for Food Quality and Nutrition
  - 4.1 Nutrient Elasticities in a Complete Food Demand System
  - 4.2 Modeling Physical Quantities of Food and Nutrients

For more details (syllabus, map of the venues, etc.), please visit our website:

[http://www.reseco.kais.kyoto-u.ac.jp/en/news/20180921\\_1424/](http://www.reseco.kais.kyoto-u.ac.jp/en/news/20180921_1424/)

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