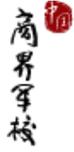




**PHBS**  
北京大学汇丰商学院



# Course Code

## Advanced Microeconomics II

### Module 2, Autumn 2018

#### Course Information

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**Instructor: Zhiyong Tu, Ph.D.**

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Office Hour: By appointment

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**Classes:**

Lectures: Monday and Thursday, 10:30am - 12:20am (F2); 3:30pm-5:20pm (F3).

Venue: PHBS Building, Room 229/230

## 1. Course Description

### 1.1 Context

Course overview: This course takes a rigorous approach to the theory of microeconomics and introduces its applications under the frameworks of various models.

The course avoids the casual treatment of the theory, so it requires a certain level of mathematical preparation. When dealing with the theoretical applications, I may focus on two distinct areas: platform competition and financial institutions.

After this course, students shall: obtain a thorough understanding of microeconomic theory; gain the skills to build theoretical models; and develop the appreciation for the theory literature. Preferably, students may find their interested topics for the future research.

Prerequisites: Advanced Microeconomics I

### 1.2 Textbooks and Reading Materials

Zhiyong Tu, 2009, Game Theory, Peking University Press.

Mas-Colell, Whinton and Green, 1995, Microeconomic Theory, Oxford University Press.

## 2. Learning Outcomes

### 2.1 Intended Learning Outcomes

Learning Goals	Objectives	Assessment (YES)
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		with details or NO)
1. Our graduates will be effective communicators.	1.1. Our students will produce quality business and research-oriented documents.	Yes
	1.2. Students are able to professionally present their ideas and also logically explain and defend their argument.	Yes
2. Our graduates will be skilled in team work and leadership.	2.1. Students will be able to lead and participate in group for projects, discussion, and presentation.	Yes
	2.2. Students will be able to apply leadership theories and related skills.	No
3. Our graduates will be trained in ethics.	3.1. In a case setting, students will use appropriate techniques to analyze business problems and identify the ethical aspects, provide a solution and defend it.	Yes
	3.2. Our students will practice ethics in the duration of the program.	Yes
4. Our graduates will have a global perspective.	4.1. Students will have an international exposure.	Yes
5. Our graduates will be skilled in problem-solving and critical thinking.	5.1. Our students will have a good understanding of fundamental theories in their fields.	Yes
	5.2. Our students will be prepared to face problems in various business settings and find solutions.	Yes
	5.3. Our students will demonstrate competency in critical thinking.	Yes

## 2.2 Course specific objectives

This course is meant to provide a solid foundation for and develop students' interest in the further study of microeconomics. In addition, the analytical methods learned in this class may aid students in thesis writing and future research in various topics related to economics and finance.

## 2.3 Assessment/Grading Details

Component	Weight
Homework	15%
Quiz	15%
Midterm	40%
Final Presentation	30%
	100%

## 2.4 Academic Honesty and Plagiarism

It is important for a student's effort and credit to be recognized through class assessment. Credits earned for a student work due to efforts done by others are clearly unfair. Deliberate dishonesty is considered academic misconducts, which include plagiarism; cheating on assignments or examinations; engaging in unauthorized collaboration on academic work; taking, acquiring, or using test materials without faculty permission; submitting false or incomplete records of academic achievement; acting alone or in cooperation with another to falsify records or to obtain dishonestly grades, honors, awards, or professional endorsement; or altering, forging, or misusing a University academic record; or fabricating or falsifying of data, research procedures, or data analysis.

All assessments are subject to academic misconduct check. Misconduct check may include reproducing the assessment, providing a copy to another member of faculty, and/or communicate a copy of this assignment to the PHBS Discipline Committee. A suspected plagiarized document/assignment submitted to a plagiarism checking service may be kept in its database for future reference purpose.

Where violation is suspected, penalties will be implemented. The penalties for academic misconduct may include: deduction of honour points, a mark of zero on the assessment, a fail grade for the whole course, and reference of the matter to the Peking University Registrar.

For more information of plagiarism, please refer to *PHBS Student Handbook*.

### **3. Topics, Teaching and Assessment Schedule**

Three broad contents will be covered in the course: general equilibrium, game theory and application models. We only give a brief introduction of general equilibrium and focus on the theory of games for the course. It includes: static and dynamic games, games of complete and incomplete information, and information economics. We also will read some academic literature on platform competition and network economics.

### **4. Miscellaneous**