

课程大纲

高级微观经济学 (管理类)

课程编号：02810090

学 分：3

课程类型：必修

先修课程：微积分，线性代数，中级微观经济学

授课对象：学术研究生

任课教师：王辉

开课学期：2015 年秋

任课教师简历 (500 字左右):

王辉，现任北京大学光华管理学院应用经济系助理教授，北京大学经济政策研究所副所长。2010 年加拿大多伦多大学经济学博士毕业。研究领域涉及产业组织，发展经济学，以及应用计量经济学。其研究论文已为多个国际经济学著名期刊所接受，如《International Economic Review》，《Journal of Population Economics》等。所教授的课程包括管理经济学，中国经济，经济学原理，高级微观经济学，以及其他培训课程等。目前已获得三次光华教学奖，2013-2014 学年正大奖教金。



任课教师联系方式：

王辉 应用经济系

光华新楼 366 室

Tel: 6275-4235; Email: jackie_pku@163.com (preferred); jackie.wang@gsm.pku.edu.cn

助教姓名及联系方式：

TBA

辅导、答疑时间：

TBA

一、项目培养目标

- 1 **Learning Goal 1** Graduates will be thoroughly familiar with the specialized knowledge and theories required for the completion of academic research.
 - 1.1 Objective 1 Graduates will have a deep understanding of basic knowledge and theories in their specialized area.
 - 1.2 Objective 2 Graduates will be familiar with the latest academic findings in their specialized area and will be knowledgeable about related areas.
 - 1.3 Objective 3 Graduates will be familiar with research methodologies in their specialized area, and will be able to apply them effectively.
- 2 **Learning Goal 2** Graduates will be creative scholars, who are able to write and publish high-quality graduation dissertation and research papers.
 - 2.1 Objective 1 Graduates will write and publish high-quality graduation dissertation and research papers
 - 2.2 Objective 2 Graduates will be critical thinkers and innovative problems solvers.

- 3 **Learning Goal 3** Graduates will have a broad vision of globalization and will be able to communicate and cooperate with international scholars
- 3.1 Objective 1 Graduates will have excellent oral and written communication skills
- 3.2 Objective 2 Graduates will be able to conduct efficient academic communication in at least one foreign language
- 4 **Learning Goal 4** Graduates will be aware of academic ethics and will have a sense of social responsibility.
- 4.1 Objective 1 Graduates will have a sense of social responsibility.
- 4.2 Objective 2 Graduates will be aware of potential ethical issues in their academic career.
- 4.3 Objective 3 Graduates will demonstrate concern for social issues.

二、课程概述

This course provides a rigorous introduction to the fundamental concepts and models of microeconomic theory. Topics covered include advanced consumer and producer theory, general equilibrium, welfare analysis, non-competitive markets, and an introduction to game theory.

三、课程目标

At the conclusion of this course, students are expected to have the knowledge of Microeconomics and analytical skills necessary to take other specialized courses in economics, management, accounting, and marketing. In addition, students should be able to apply the models and tools learned in this course to their future independent researches.

四、内容提要及学时分配

| Topics | Lecture time |
|---|--------------|
| 1. Introduction | 2 weeks |
| 2. Consumer Theory: | |
| 2.1 Utility, Demand, and Duality | 2 weeks |
| 2.2 Measuring Welfare | |
| 2.3 Revealed Preference | |
| 2.3 Risk and Uncertainty | 2 weeks |
| 3. Theory of the Firm | |
| 4. Competitive Markets and Welfare Theorems | 2 weeks |
| 4.1 Partial Equilibrium | |
| 4.2 General Equilibrium | 2 weeks |
| 5 Non-Competitive Markets | |
| 5.1 Monopoly | |

| | |
|---|---------|
| 5.2 Oligopoly | |
| 6 Game Theory | 2 weeks |
| 7 Principal—Agent Problem, Moral Hazard and Adverse Selection | 2 weeks |
| 8 Public Goods, Externalities | 2 weeks |

期末考试时间：TBA

五、教学方式

The course is lecture based.

六、教学过程中 IT 工具等技术手段的应用

Course announcements, course syllabus, and problem sets can be found on the course website: <http://course.pku.edu.cn/>

北大课程 - 课程目录 - 光华管理学院 (社会科学部) - 高级微观经济学 (光华管理学院王辉)

Students are expected to check the website regularly.

七、教材

Textbook: Microeconomic Analysis, 3rd Edition, by H. Varian. (W. W. Norton & Company, 1992)

中译本: 微观经济学: 高级教程 (第三版), 瓦里安 (经济科学出版社, 2002)

八、参考书目

Advanced Microeconomic Theory, by G. Jehle and P. Reny (Addison Wesley; 2nd edition, 2000)

Microeconomic Theory, by A. Mas-Colell, M. Whinston, and J. Green (Oxford University Press, 1995)

九、教学辅助材料, 如 CD、录影等

N/A

十、课程学习要求及课堂纪律规范

Non-course related activities are prohibited during the lecture. Peking University values academic integrity. Students must understand the meaning and consequences of cheating, plagiarism and other academic offences. Please refer to School of Graduate Studies website (see http://grs.pku.edu.cn/file/file_xj.html) for more information.

十一、 学生成绩评定办法 (需详细说明评估学生学习效果的方法)

Class Attendance – 10%

5 Problem sets – 25%

Each problem set contains 3 sections. Every Wednesday, a new section will be posted on the

course website. Problem sets should be handed in every three weeks. The following are the deadlines:

| | | | | | |
|-----|---------|--------|---------|---------|--------|
| PS | 1 | 2 | 3 | 4 | 5 |
| Due | Oct. 14 | Nov. 4 | Nov. 25 | Dec. 16 | Jan. 6 |

The solutions will be posted in the evening of above dates. TA will go through the solution during the office hours in next day evening.

Problem sets should be submitted in hard-copy using A4 papers. Make your handwriting eligible in order to reduce the chance of misunderstanding. For this reason, software such as Word or Latex is strongly recommended. Bind your solutions if there are multiple pages. Put your name and student number on the upper right corner of the front page.

Final Exam – 65%

Time: TBA. Location: TBA