

Course	Grade ¹	Relevant Information
Mostly Relevant Courses		
Advanced Econometrics (2)	94 (3.93)	PhD level. The syllabus is here , together with the reading list. A term paper is formulated in this course (link): Fertility Restrictions and Old-age Labor Supply: Evidence from China's 'LLF' Campaign.
Applied Econometrics	93 (3.91)	Textbook: Mostly Harmless Econometrics: An Empiricist's Companion. According to the datasets and Stata codes posted online, I replicated Chen et al. (2020), which greatly sharpened my skills in Stata. Some Notes I made are here (in Chinese). I also presented Albertus et al. (2020) in this course. The slide is here .
Labor Economics	97 (3.98)	Reference textbook: Labor Economics by Pierre Cahuc, Andre Zylberberg
Public Finance: Theory and Policy	94 (3.93)	In this course, I led a team giving some correlation evidence about the theory in Piketty (1995). Specifically, we tested how people's belief about the return to effort affected their effort level, and how this belief updated. The short essay is presented here (in Chinese). Two published papers (Harding et al., 2012; Landais et al., 2012) are also presented. (link1 , link2)
Strategies and Game Theory	98 (3.99)	Textbook: Game Theory, an Introduction by Steven Tadelis.

Mathematics		
Advanced Mathematics (1)	88 (3.73)	Limit, Differentiability, Integral (Single-Variable)
Advanced Mathematics (2)	98 (3.99)	Multiple-Variable Calculus; Ordinary Differential Equations; Series and Series of Functions
Linear Algebra	91 (3.85)	Textbook: Advanced Algebra by Weisheng Qiu (in Chinese)
Probability and Statistics	90 (3.81)	Textbook: Probability and Statistics by Morris H. DeGroot, Mark J. Schervish
Mathematical Analysis (I)	85 (3.58)	The content is basically the Chapter 1-7 in Principles of Mathematical Analysis by Walter Rudin.

Subfield Economics		
Topics on Economic Research	96 (3.97)	Graduate level. The professors at the Department of Applied Economics, GSM, PKU will present their fields of interest and talk about their recent working papers. In this course, I gained a more through vision about what researchers do in each subfield of economics.
Development Economics	86 (3.63)	The syllabus is here , together with the reading list. A term paper is developed in this course: The Causal Effects of a Mother's Education on her Children's Cognitive Abilities (, in Chinese). It is not in my CV; you can find it here .
Chinese Economy	91 (3.85)	Basic information about Chinese economy from three aspects: political economy, population and education policies, international trade. The reading list is here (, partly in Chinese).
Industrial Organization Analysis: Theory and policy	92 (3.88)	The syllabus is here .
Financial Economics	95 (3.95)	Households' optimal saving and portfolio choices, CAPM, APT, CCAPM, contingency
Monetary Economics	100 (4.00)	Basic Search Theory
International Finance and International Trade	96 (3.97)	Textbook: International Economics: Theory and Policy by Paul R. Krugman, Mayrice Obstfeld and Marc J. Melitz

Introductory courses and other courses related to economic research		
Python Programming and Application	91 (3.85)	Basis Programming in Python
Data Analysis and Statistical Software	92 (3.88)	Statistical methods and their application in R. The syllabus is here .
Microeconomics	96 (3.97)	Textbook: Intermediate Microeconomics: A Modern Approach by Hal R. Varian

¹ In Peking University, a grade between 0 and 100 will be given first, and the 4-point-scaled grade (which is in the parenthesis) is calculated based on a quadratic function $GPA(x) = 4 - 3 * (100 - x)^2 / 1600$. Finally, the total GPA is an average weighted according to the credits of each course.

Economics	95 (3.95)	Textbook: Economics by Paul Samuelson, William Nordhaus
Macroeconomics	90 (3.81)	Textbook: Macroeconomics by N. Gregory Mankiw
Econometrics	80 (3.25)	Textbook: Introductory Econometrics: A Modern Approach by Jeffrey M. Wooldridge
Social Psychology Analysis	90 (3.81)	Textbook: Social Psychology by Elliot Aronson, Timothy Wilson, Robin Akert, Samuel Sommers
Financial Accounting	95 (3.95)	Basic Knowledge in Accounting
Organization and Management	92 (3.88)	Basic Knowledge in Management

Reference

Albertus, Michael, Mauricio Espinoza, and Ricardo Fort. 2020. "Land Reform and Human Capital Development: Evidence from Peru." *Journal of Development Economics* 147 (August): 102540.

Chen, Yi, Ziyang Fan, Xiaomin Gu, and Li An Zhou. 2020. "Arrival of Young Talent: The Send-down Movement and Rural Education in China." *American Economic Review* 110 (11): 3393–3430.

Harding, Matthew, Ephraim Leibtag, and Michael F. Lovenheim. 2012. "The Heterogeneous Geographic and Socioeconomic Incidence of Cigarette Taxes: Evidence from Nielsen Homescan Data." *American Economic Journal: Economic Policy* 4 (4): 169–98.

Landais, Camille, Arash Nekoei, Peter Nilsson, David Seim, and Johannes Spinnewijn. 2021. "Risk-Based Selection in Unemployment Insurance: Evidence and Implications." *American Economic Review* 11 (4): 1315–55.

Piketty, Thomas. 1995. "Social Mobility and Redistributive Politics." *The Quarterly Journal of Economics* 110 (3): 551–84.