

Course title	Microeconomics				
Teacher(s)	DAVID WOLF、David Wolf			開講区分	単位数
				3rd quarter	2.0
Numbering Code	J2ML600	Day・Period	Tues1、Fri2	Timetable Slot Code	3J387

Lesson topic

Advanced Microeconomics is the first course in the graduate microeconomics sequence in GMAP. We begin this course by studying the decisions of individual economic agents, beginning with the theory of consumer choice and producer theory. The concept of duality is also introduced within the context of consumption and production decisions. Afterwards, we analyze decision-making under uncertainty, general equilibrium models, welfare economics and market failures. The purpose of this course is to prepare students for work in applied economics and to develop their economic modeling skills.

Lesson target

Students will learn microeconomic theory at a level of mathematical rigor higher than a typical undergraduate intermediate course, preparing them for future work within GMAP. Students should expect to develop their modeling skills, be introduced to classical and recent developments within microeconomics and think analytically about real-world phenomena upon completion of the course.

Syllabus and plan

"Topics:

1. Introduction and Administration
2. Preferences and Utility
3. Duality and Welfare Evaluation
4. Decision-Making under Uncertainty
5. Cost and Production Functions
6. Profit Maximization
7. General Equilibrium
8. Market Failures and Public Goods

The schedule is subject to change as the quarter progresses."

Evaluation method

"Class participation and in-class quizzes (20%)
Midterm (30%)
Final exam (50%)"

Evaluation baseline

"Students should be able to understand and work through problems related to consumer and producer theory and general equilibrium. More advanced topics such as, market failures and public goods, may be assessed depending on how the quarter progresses.

The midterm and final exams will be closed book.

The grading scale used for this course is:

- 90 - 100: S
- 80 - 89: A
- 70 - 79: B
- 60 - 69: C
- <60: Fail"

Notice (include info. on related class)

Elementary and intermediate undergraduate microeconomics should be taken prior to this course if possible. Knowledge of functions and differential calculus is absolutely necessary to be successful in this course.

Review and preparation

"Students are expected to read the corresponding chapters from the course textbook before coming to class. I will also post additional review material, including extra practice problems, on BEEF throughout the semester. Please make sure to do these extra problem sets prior to the midterm and final exam.

I would suggest reviewing differential calculus, constrained optimization and comparative statics before the first day of class. "

Office hour · Contact information

"Office hours: Thursday (9:00 - 11:00) or by appointment
My email address and office location will be provided during the first day of class."

Message for student

"Please work through all the examples presented in class and feel free to ask questions at any time if you are ever confused.

You will find this course cumbersome if you do not (1) read the corresponding textbooks chapters before coming to class and (2) work through the practice problems posted on BEEF."

Improvements in Teaching

Text

Microeconomic Theory: Basic Principles and Extensions 12th Edition / Walter Nicholson and Christopher Snyder :
Cengage Learning , 2017 , ISBN:978-1305505797

Reference Material

Mathematics for Economists / Carl P. Simon, and Lawrence Blume : New York , 1992 , ISBN:9780393957334

Classroom Language

English

Keywords

Microeconomics