

MICROECONOMICS II

FALL 2023

LECTURERS:	<p>Doc. Julie Chytilová, Ph.D., IES FSV UK, office n. 410 Office hours: Friday 10:30-11:45am (email first please) julie.chytilova@fsv.cuni.cz</p> <p>Matěj Bajgar M.Sc., DPhil. matej.bajgar@fsv.cuni.cz</p>
TEACHING ASSISTANTS:	<p>Mgr. Evgeniya Dubinina, evgeniya.dubinina@fsv.cuni.cz seminars</p> <p>Mgr. Klára Kantová, klara.kantova@fsv.cuni.cz joint seminars every other week on Thursday 11:00am-12:20pm</p> <p>Mgr. Diana Kmet'ková, diana.kmetkova@fsv.cuni.cz seminars</p> <p>Mgr. Petra Landovská, petra.landovska@fsv.cuni.cz seminars</p>
TIME AND LOCATION:	<p>Lectures: Thursday 9:30-10:50am in room 109 plus every other week on Thursday 11:00am-12:20pm in room 109</p> <p>Seminars: Mondays 8:00-9:20am in room 206, or Thursdays 8:00-9:20am in room 314, or Fridays 8:00-9:20am in room 206. Plus every other week on Thursday 11:00-12:20am in room 109 (joint seminar for all students).</p> <p>There will be three types of classes: lectures, joint seminars for all students, regular seminars where the students will be divided into three groups and should pick one of the three seminars. Please see the table at the end of this document for specific dates and times of the lectures and seminars. It is recommended that the students attend all lectures (blue color in the table), all joint seminars (green) and regular seminars (light, dark or very dark yellow).</p>
PREREQUISITES:	<p>Obligatory courses: JEB104 – Microeconomics I Recommended courses: JEB003 – Economics I, JEB004 Economics II</p>

BRIEF CONTENT OF THE COURSE

The course builds on the introductory microeconomics course (JEB003) and on Microeconomics I (JEB104). It focuses on the theory of producer behaviour and market structure. Specific topics include technology, profit maximization and cost minimization, and market structures (perfect competition, monopoly, oligopoly).

LITERATURE

Primer text: Hal R. Varian, Intermediate Microeconomics: A Modern Approach, W.W. Norton & Company, 8th edition, 2010. Many copies are available in the IES library.

Other useful textbooks are, for example:

- T. Nechyba, Microeconomics: An Intuitive Approach with Calculus, South-Western, Cengage Learning
- W. Nicholson/C. Snyder, Microeconomic Theory: Basis Principles and Extensions, South-Western
- Schotter, Microeconomics: A Modern Approach, South-Western 2009

The primer text covers all main topics covered in the lectures. Extensions presented at the lectures and not available in the Varian textbook can be downloaded from SIS.

SIS

When registering into SIS, please register to Lecture 2 (Thursday 11:00am-12:20pm) and to one of the available seminars (Monday 8:00-9:20am, or Thursday 8:00-9:20am or Friday 8:00-9:20am).

In SIS, you will be able to download the lecture slides, seminar tasks and solutions, upload your home assignments and learn your grade – under the tab “Studijni mezivysledky/Study group roster”, an icon with four blue figures.

SEMINARS AND ASSIGNMENTS

In the seminars, we will review the concepts from the lectures and go through exercises which should sharpen the understanding of topics covered during the lectures.

During the semester, there will be two home assignments which should be prepared individually (not in groups) and handed out in electronic form via SIS. The assignments will be similar to numerical exercises presented at the seminars, but will be of higher difficulty.

The home assignments will be released and due on the following dates:

- HA1: released on October 19, submission deadline on October 29.
- HA2: released on November 30, submission deadline on December 10.

GRADES AND EXAMS

The final grade will consist of three parts. In total you can get 100 points.

- Two assignments (5 points each, in total 10 points)
- Midterm exam (30 points)
- Final exam (60 points).

Midterm exam: November 16th, 2023, 9:30-10:50am, in room 109.

There will be one midterm exam only. If you cannot attend the midterm exam you will be requested to provide confirmation that your health condition prevented you from attending it.

There will be four dates for the final exam:

- December 21, 2023, 10:40am-12:20pm
- January 11, 2024, 9:30-11:10am
- January 18, 2024, 9:30-11:10am
- February 15, 2024, 9:30-11:10am

Grading:

- A: 90.1-100
- B: 80.1-90
- C: 70.1-80
- D: 60.1-70
- E: 50.1-60
- F: 0-50

STRUCTURE OF THE COURSE

Technology

- Production set and production function, isoquants
- Marginal product and technical rate of substitution
- Returns to scale

Profit maximization

- Short-run and long-run optimization
- Opportunity costs

Cost minimization

- Cost function, isocost lines
- Long-run and short-run costs
- Sunk costs

Cost curves

- Fixed and variable costs, marginal and average costs
- Long-run cost curves – envelope

Firm supply

- Pure competition

- Supply decision of a competitive firm
- Profits and producer's surplus

Industry supply

- Short-run and long-run industry supply
- Economic rent

Monopoly

- What causes monopolies?
- Monopolist's profit
- Inefficiency of monopoly

Price discrimination

- First-degree price discrimination
- Second-degree price discrimination
- Third-degree price discrimination

Oligopoly

- Stackelberg model
- Cournot model
- Bertrand model
- Collusion
- Product differentiation

TIME SCHEDULE

It is recommended that the students attend all lectures (blue color in the table, one or two per week), all joint seminars (green, zero or one per week) and regular seminars (either light, dark or very dark yellow, one per week).

Day	Date	Time	Room	Instructor	
Thursday	5-Oct	9:30-10:50am	109	Lecture 1	Julie Chytilová
Thursday	5-Oct	11:00am-12:20pm	109	Lecture 2	Julie Chytilová
Friday	6-Oct	8:00-9:20am	206	Seminar 1	Evgeniya Dubinina
Monday	9-Oct	8:00-9:20am	206	Seminar 1	Evgeniya Dubinina
Thursday	12-Oct	8:00-9:20am	314	Seminar 1	Evgeniya Dubinina
Thursday	12-Oct	9:30-10:50am	109	Lecture 3	Julie Chytilová
Thursday	12-Oct	11:00am-12:20pm	109	Seminar 2	Klára Kantová
Friday	13-Oct	8:00-9:20am	206	Seminar 3	Evgeniya Dubinina
Monday	16-Oct	8:00-9:20am	206	Seminar 3	Evgeniya Dubinina
Thursday	19-Oct	8:00-9:20am	314	Seminar 3	Evgeniya Dubinina
Thursday	19-Oct	9:30-10:50am	109	Lecture 4	Julie Chytilová
Thursday	19-Oct	11:00am-12:20pm	109	Lecture 5	Julie Chytilová
Friday	20-Oct	8:00-9:20am	206	Seminar 4	Evgeniya Dubinina
Monday	23-Oct	8:00-9:20am	206	Seminar 4	Evgeniya Dubinina
Thursday	26-Oct	8:00-9:20am	314	Seminar 4	Evgeniya Dubinina
Thursday	26-Oct	9:30-10:50am	109	Lecture 6	Julie Chytilová
Thursday	26-Oct	11:00am-12:20pm	109	Seminar 5	Klára Kantová
Friday	27-Oct	8:00-9:20am	206	Dean's day, no seminar, please take Seminar 6 on Monday or Thursday	
Monday	30-Oct	8:00-9:20am	206	Seminar 6	Diana Kmet'ková
Thursday	2-Nov	8:00-9:20am	314	Seminar 6	Diana Kmet'ková
Thursday	2-Nov	9:30-10:50am	109	Lecture 7	Julie Chytilová
Thursday	2-Nov	11:00am-12:20pm	109	Lecture 8	Julie Chytilová
Friday	3-Nov	8:00-9:20am	206	Seminar 7	Diana Kmet'ková
Monday	6-Nov	8:00-9:20am	206	Seminar 7	Diana Kmet'ková
Thursday	9-Nov	8:00-9:20am	314	Seminar 7	Diana Kmet'ková
Thursday	9-Nov	9:30-10:50am	109	Lecture 9	Julie Chytilová
Thursday	9-Nov	11:00am-12:20pm	109	Lecture 10	Julie Chytilová
Friday	10-Nov	8:00-9:20am	206	Seminar 8	Diana Kmet'ková
Monday	13-Nov	8:00-9:20am	206	Seminar 8	Diana Kmet'ková
Thursday	16-Nov	8:00-9:20am	314	Seminar 8	Diana Kmet'ková
Thursday	16-Nov	9:30-10:50am	109/206	midterm	
Thursday	16-Nov	11:00am-12:20pm	109	seminar midterm	Evgeniya Dubinina
Friday	17-Nov	8:00-9:20am	206	public holiday	
Monday	20-Nov	8:00-9:20am	206	no seminar	The lectures and seminars will be replaced in the first two weeks of January 2024, if needed
Thursday	23-Nov	8:00-9:20am	314	no seminar	
Thursday	23-Nov	9:30-10:50am	109	no lecture	
Thursday	23-Nov	11:00am-12:20pm	109	no lecture/seminar	
Friday	24-Nov	8:00-9:20am	206	Seminar 9	Diana Kmet'ková
Monday	27-Nov	8:00-9:20am	206	Seminar 9	Diana Kmet'ková
Thursday	30-Nov	8:00-9:20am	314	Seminar 9	Diana Kmet'ková
Thursday	30-Nov	9:30-10:50am	109	Lecture 11	Julie Chytilová
Thursday	30-Nov	11:00am-12:20pm	109	Seminar 10	Klára Kantová
Friday	1-Dec	8:00-9:20am	206	Seminar 11	Petra Landovská
Monday	4-Dec	8:00-9:20am	206	Seminar 11	Petra Landovská
Thursday	7-Dec	8:00-9:20am	314	Seminar 11	Petra Landovská
Thursday	7-Dec	9:30-10:50am	109	Lecture 12	Matěj Bajgar
Thursday	7-Dec	11:00am-12:20pm	109	Lecture 13	Matěj Bajgar
Friday	8-Dec	8:00-9:20am	206	Seminar 12	Petra Landovská
Monday	11-Dec	8:00-9:20am	206	Seminar 12	Petra Landovská
Thursday	14-Dec	8:00-9:20am	314	Seminar 12	Petra Landovská
Thursday	14-Dec	9:30-10:50am	109	Lecture 14	Matěj Bajgar
Thursday	14-Dec	11:00am-12:20pm	109	Seminar 13	Klára Kantová
Friday	15-Dec	8:00-9:20am	206	Seminar 14	Petra Landovská
Monday	18-Dec	8:00-9:20am	206	Seminar 14	Petra Landovská
Thursday	21-Dec	8:00-9:20am	314	Seminar 14	Petra Landovská
Thursday	21-Dec	9:30-10:30am	109	Seminar recap	Klára Kantová
Thursday	21-Dec	10:40am-12:20pm	109	Final exam 1	
Thursday	11-Jan	9:30-11:10am	109	Final exam 2	
Thursday	18-Jan	9:30-11:10am	109	Final exam 3	
Thursday	15-Feb	9:30-11:10am	109	Final exam 4	

	Lectures
	Super-seminars
	Friday seminars
	Monday seminars
	Thursday seminars