



Course and Examination Fact Sheet: Autumn Semester 2022

10,271: Microeconomics for Finance

ECTS credits: 4

Overview examination/s

(binding regulations see below)

Decentral - Written examination (with defined exam duration) (100%)

Examination time: term time

Attached courses

Timetable -- Language -- Lecturer

[10,271,1.00 Microeconomics for Finance](#) -- Englisch -- [Kartasheva Anastasia](#)

Course information

Course prerequisites

Prior knowledge of microeconomics and basic calculus and constrained optimization.

Learning objectives

The course provides a brief yet rigorous introduction to microeconomics. It consists of three parts: individual decision making, strategic interaction, and contract theory. The course presents the main concepts and illustrates their applications to financial economics.

Course content

Part I. Individual decision making

Module 1. Individual decision making Preferences, consumer choice, consumer demand and aggregate demand

Module 2. Decision making under uncertainty Choice under uncertainty, risk and stochastic dominance

Module 3. Decision making over time Intertemporal choice

Part II Strategic interaction

Module 4. Game theory 1. Basic elements of noncooperative games, simultaneous move games

Module 5. Market structure. Competitive markets and market power

Module 6. Game theory 2. Dynamic games

Part III. Contract theory

Module 7. Contract theory 1. Principal-agent problem, adverse selection and moral hazard

Module 8. Contract theory 2. Competition in contracts, limited commitment, incomplete contracts

Course structure and indications of the learning and teaching design

The course contains 8 modules. The class includes in-depth discussion of the theory concepts, discussion of financial economics applications and problem solving.

Course literature



Lecture notes and research papers will be available on Canvas. In addition, the following texts are classical references on the topics discussed in the course.

Bolton, P., and M. Dewatripont, (2004). Contract Theory. MIT Press

Laffont, J.-J., and D. Martimort, (2002). The Theory of Incentives: The Principal-Agent Model, Princeton University Press.

Mas-Colell, A., Whinston, M. D., & Green, J. R. (1995). *Microeconomic theory* (Vol. 1). New York: Oxford University Press.

Romer, D. (2019). Advanced Macroeconomics (2019). Advanced Macroeconomics. McGrawHill.

Salanie, B., (2017). The Economics of Contracts: A primer. MIT Press.

Tirole, J., (1988). The Theory of Industrial Organization. MIT Press.

Additional course information

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Examination information

Examination sub part/s

1. Examination sub part (1/1)

Examination time and form

Decentral - Written examination (with defined exam duration) (100%)

Examination time: term time

Remark

90 min

Examination-aid rule

Open Book

Students are free to choose aids but will have to comply with the following restrictions:

- All the pocket calculators that are not of the Texas Instruments TI-30 series are explicitly inadmissible.
- In addition, any type of communication, as well as any electronic devices that can be programmed and are capable of communication such as electronic dictionaries, notebooks, tablets, mobile telephones and others, are inadmissible.
- Students are themselves responsible for the procurement of examination aids.

Supplementary aids

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Examination languages

Question language: English

Answer language: English

Examination content

The written exam will cover the content of the lectures and self-study problem sets that will be assigned for each module.

Examination relevant literature

Lectures, book chapters, journal articles, problem sets.



Please note

Please note that only this fact sheet and the examination schedule published at the time of bidding are binding and takes precedence over other information, such as information on StudyNet (Canvas), on lecturers' websites and information in lectures etc.

Any references and links to third-party content within the fact sheet are only of a supplementary, informative nature and lie outside the area of responsibility of the University of St.Gallen.

Documents and materials are only relevant for central examinations if they are available by the end of the lecture period (CW51) at the latest. In the case of centrally organised mid-term examinations, the documents and materials up to CW 42 are relevant for testing.

Binding nature of the fact sheets:

- Course information as well as examination date (organised centrally/decentrally) and form of examination: from bidding start in CW 34 (Thursday, 25 August 2022);
- Examination information (regulations on aids, examination contents, examination literature) for decentralised examinations: in CW 42 (Monday, 17 October 2022);
- Examination information (regulations on aids, examination contents, examination literature) for centrally organised mid-term examinations: in CW 42 (Monday, 17 October 2022);
- Examination information (regulations on aids, examination contents, examination literature) for centrally organised examinations: two weeks before the end of the registration period in CW 45 (Monday, 7 November 2022).