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.


Additional course information

---

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

---

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).