



## Course and Examination Fact Sheet: Spring Semester 2023

### 10,350: Topics in Econometrics and Finance

ECTS credits: 4

#### Overview examination/s

(binding regulations see below)

Decentral - Presentation (individual) (100%)

Examination time: term time

#### Attached courses

Timetable -- Language -- Lecturer

[10,350,1.00 Topics in Econometrics and Finance](#) -- Englisch -- [Preinerstorfer David](#)

#### Course information

#### Course prerequisites

##### Attendance Rules

Participation to the course is open to students from the Graduate Program in Economics and Finance (GPEF) only. **PEF** students in the **research phase** may enrol in the course, their presentations will be credited for the PEF Literature Seminar.

Enroled students have to attend **ALL** the presentations.

**PEF students:** Please make sure that you read the **PEF Factsheet 6 PhD and Literature Seminars**, all the information is **binding**.

#### Learning objectives

Students learn to critically analyze and discuss existing literature.

#### Course content

The goal of the course is to deepen and to learn recent key advanced research topics from the relevant literature in finance and econometrics. The deep and critical discussion of important research questions will have a central role.

##### Paper & Presentations:

Students may suggest their own papers to be presented but they must be related to the general topic suggested by the lecturer (see below). Otherwise they will choose from the list provided by the lecturer.

The chosen papers need to be of great relevance and provide a good basis for a discussion that is interesting to a broad audience. Students and lecturers have to **agree on the papers** to be presented. Generally, the paper should be published in an A+ or A-journal and should not be older than 10 years.

##### Presentation:

Students have to **introduce, discuss and lead the discussion** of the papers presented.

All students will have to read and thoroughly study all the papers presented.

Per paper there will be a short presentation by a student, followed by a discussion of the paper.

The presenter will also lead the discussion.

You need to target the presentation at the seminar audience, i.e. students who are familiar with advanced economic/finance



reasoning, but who may not have advanced knowledge in the specific field. It is important to present the context of the paper and set the paper into perspective of the literature. The presentation should take about 35 minutes, including the critical discussion of the paper.

## Topics in FS23:

- Fairness aspects of Machine Learning algorithms.
- High-dimensional decision problems.
- Forecast hedging and calibration.
- Information Economics and its relation to Econometrics, Statistics and Machine Learning (e.g., completeness of models, learning traps, privacy, Bayesian persuasion, etc.).
- Inference under network and cluster-dependence.

## Course structure and indications of the learning and teaching design

The presentation should take about 20 minutes. Students are advised to prepare not too many slides.

After presenting the content, the student critically discusses the paper (15 minutes), with the focus on motivation, related literature, the model and the results.

A general discussion with lecturers and students follows the student's presentation (15 minutes).

The discussion should concentrate on the following three aspects:

- context (how the paper is positioned in the literature)
- contribution (what do we learn from the paper)
- criticism (including praise, possible next research steps and open questions).

At the end, students will write a short assessment of the presentation (stating their name) and hand it to the presenter. The lecturer gives oral feedback to the presenter.

## Course literature

Presented papers

## Additional course information

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## Examination information

### Examination sub part/s

#### 1. Examination sub part (1/1)

##### Examination time and form

Decentral - Presentation (individual) (100%)

Examination time: term time

##### Remark

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##### Examination-aid rule

Free aids provision

Basically, students are free to choose aids. Any restrictions are defined by the faculty members in charge of the examination under supplementary aids.

##### Supplementary aids



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## Nature of examination

analog

## Examination languages

Question language: English

Answer language: English

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## Examination content

Presentation of a paper: students have to contact the lecturer before the beginning of the semester and choose a paper from a list or propose a paper related to the topic of discussion. Student and lecturer decide together on the paper to be presented.

## Examination relevant literature

See examination content.

### 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 (CW21) at the latest. In the case of centrally organised mid-term examinations, the documents and materials up to CW 12 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 04 (Thursday, 26 January 2023);
- Examination information (regulations on aids, examination contents, examination literature) for decentralised examinations: in CW 12 (Monday, 20 March 2023);
- Examination information (regulations on aids, examination contents, examination literature) for centrally organised mid-term examinations: in CW 12 (Monday, 20 March 2023);
- Examination information (regulations on aids, examination contents, examination literature) for centrally organised examinations: two weeks before the end of the de-registration period in CW 15 (Monday, 10 April 2023).