



Course and Examination Fact Sheet: Spring Semester 2019

8,268: Quantitative Economic Policy

ECTS credits: 4

Overview examination/s

(binding regulations see below)

Decentral - Presentation (in groups - all given the same grades) (40%)

Decentral - Presentation (in groups - all given the same grades) (60%)

Attached courses

Timetable -- Language -- Lecturer

[8,268,1.00 Quantitative Economic Policy](#) -- Englisch -- [Gottlieb Charles](#), [Valladares-Esteban Arnau](#)

Course information

Course prerequisites

Students are expected to have a solid background in micro, macroeconomics and statistics at the graduate level.

Course content

The course aims at students with an interest in economic policy and quantitative methods. The course teaches master students how to use the economic models learned in the master program to make quantitative policy statements. This course therefore focuses on teaching the necessary numerical toolbox to solve the benchmark models such as the real business cycle model and the new keynesian model. Furthermore students will learn to solve and simulate a dynamic life-cycle model. In this framework they will study the implications of income taxation for human capital accumulation and earnings inequality.

This course is particularly useful for both students that envisage a career as an economist (in national banks or international organizations), and students that consider pursuing research.

Course structure

The course is organised in two parts. During the first 6 weeks of the semester, the course consists of one session of two hours every week. During the last 6 weeks of the semester, there will be 3 sessions of 4 hours.

Course literature

Gali, Jordi (2015), *Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework and Its Applications*, Second Edition, Princeton University Press.

Lectures in Quantitative Economics by Thomas J. Sargent and John Stachurski.

Additional course information

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Examination information

Examination sub part/s



1. Examination sub part (1/2)

Examination time and form

Decentral - Presentation (in groups - all given the same grades) (40%)

Remark

Paper content and replication strategy

Examination-aid rule

Practical examination

No examination-aid rule is necessary for such examination types. The rules and regulations of the University of St. Gallen apply in a subsidiary fashion.

Supplementary aids

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Examination languages

Question language: English

Answer language: English

2. Examination sub part (2/2)

Examination time and form

Decentral - Presentation (in groups - all given the same grades) (60%)

Remark

Replication outcomes and lessons

Examination-aid rule

Practical examination

No examination-aid rule is necessary for such examination types. The rules and regulations of the University of St. Gallen apply in a subsidiary fashion.

Supplementary aids

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Examination languages

Question language: English

Answer language: English

Examination content

The examination of this course consists on replicating an academic paper which has provided a significant contribution to the literature. There are two presentations to assess the performance of students:

1. Paper content and replication strategy: At about the midpoint of the semester students give a presentation in which they explain the content of the paper they are replicating (what does it do, why is it important, which methodology is used, etc.) and the strategy they plan to implement in order to replicate the results of the paper.
2. Replication results and lesson: At the end of the course, students present the outcome of their replication exercise and reflect on what they have learned by working on the replication.

Examination relevant literature

Gali, Jordi (2015), Monetary Policy, Inflation, and the Business Cycle: An Introduction to the New Keynesian Framework and Its Applications, Second Edition, Princeton University Press.

Lectures in Quantitative Economics by Thomas J. Sargent and John Stachurski.



Please note

We would like to point out to you that this fact sheet has absolute priority over other information such as StudyNet, faculty members' personal databases, information provided in lectures, etc. When will the fact sheets become binding?

- Information about courses and examination time (central/decentral and grading form): from the start of the bidding process on 24 January 2019
- Information about decentral examinations (examination-aid rule, examination content, examination relevant literature): after the 4th semester week on 18 March 2019
- Information about central examinations (examination-aid rule, examination content, examination relevant literature): from the start of the enrolment period for the examinations on 08 April 2019

Please look at the fact sheet once more after these deadlines have expired.