

FIN-424

Macroeconomics and monetary policy

Fuster Andreas

| Cursus | Sem. | Type |
|---|-------------|-------------|
| Financial engineering minor | E | Opt. |
| Financial engineering | MA2, MA4 | Obl. |
| Management, Technology and Entrepreneurship minor | E | Opt. |
| Managmt, tech et entr. | MA2, MA4 | Opt. |

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|----------------------------|-----------------|
| Language of teaching | English |
| Credits | 4 |
| Session | Summer |
| Semester | Spring |
| Exam | Written |
| Workload | 120h |
| Weeks | 14 |
| Hours | 3 weekly |
| Lecture | 2 weekly |
| Exercises | 1 weekly |
| Number of positions | |

Summary

This course provides a framework and tools for understanding macroeconomic events. It explains how monetary and fiscal policies work and how they transmit to financial markets and the real economy.

Content

1. The long-run: economic growth
2. Business cycle fluctuations
3. Money, inflation and macroeconomic trade-offs
4. Monetary Policy
5. Fiscal Policy
6. Exchange rates and international issues
7. Special topics

Keywords

Macroeconomics, monetary policy, interest rates, exchange rates

Learning Prerequisites**Recommended courses**

Introduction to finance

Learning Outcomes

By the end of the course, the student must be able to:

- Contextualise macroeconomic events and outcomes
- Assess / Evaluate effects of different economic policies
- Interpret effects of monetary policy decisions on interest rates and the macroeconomy
- Synthesize determinants of exchange rates and their effects
- Discuss drivers of economic growth

Transversal skills

- Evaluate one's own performance in the team, receive and respond appropriately to feedback.
- Access and evaluate appropriate sources of information.

- Make an oral presentation.
- Demonstrate the capacity for critical thinking

Teaching methods

Lectures, exercises

Expected student activities

Attend and participate in lectures;
Complete exercises and participate in exercise sessions;
Complete a group project with presentation;
Write a final exam.

Assessment methods

35% Project
65% Written exam

Supervision

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|--------------|-----|
| Office hours | No |
| Assistants | Yes |
| Forum | Yes |

Resources

Virtual desktop infrastructure (VDI)

No

Bibliography

Abel, Bernanke, and Croushore, "Macroeconomics" (11th edition)
Burda and Wyplosz, "Macroeconomics: A European Text" (8th edition)
Cecchetti and Schoenholtz, "Money, Banking and Financial Markets" (6th edition)
Mishkin, "The Economics of Money, Banking and Financial Markets" (13th edition)
(Main textbook tbd)

Ressources en bibliothèque

- [Macroeconomics / Abel](#)
- [Macroeconomics / Burda](#)
- [Money, Banking and Financial Markets / Cecchetti](#)
- [The Economics of Money, Banking and Financial Markets / Mishkin](#)

Notes/Handbook

Slides will be available on the class web site.

You may be asked to read additional material (papers, newspapers' articles, case studies, etc.). All additional reading will be available on the class website.

Moodle Link

- <https://go.epfl.ch/FIN-424>