

MGT-470

Sustainability in the global context

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Cursus	Sem.	Type
Management, Technology and Entrepreneurship minor	H	Opt.
Managmt, dur et tech	MA3	Opt.
Managmt, tech et entr.	MA1, MA3	Opt.

Language of teaching	English
Credits	4
Withdrawal Session	Unauthorized
Semester	Winter
Exam	Fall
Workload	Written
Weeks	120h
Hours	14
Lecture	2 weekly
Number of positions	40

Il n'est pas autorisé de se retirer de cette matière après le délai d'inscription.

Remark

MTE-SMT Students : MA3 only

Summary

This course equips you with the tools needed to evaluate the economic, historical, and political dimensions of climate change from a global perspective. You will also learn about the international institutions and megatrends shaping and constraining the solutions.

Content

Regarding climate change: conditioning facts & megatrends, necessary micro & macroeconomics, essential history, policy tools (carbon tariffs, targets, and CBAM, essential geopolitics, and discussion of future of world trade & development models.

Keywords

climate change, megatrends, micro & macroeconomics, essential history, policy tools, geopolitics, future of world trade, future development models

Learning Prerequisites**Required courses**

none.

Recommended courses

none.

Important concepts to start the course

none; course is self-contained.

Learning Outcomes

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

- Define global aspects of sustainability
- Integrate economic, historical and political analysis.

- Analyze the impact and effectiveness of climate change policy
- Explore online databases related to climate and trade

Transversal skills

- Continue to work through difficulties or initial failure to find optimal solutions.

Teaching methods

Lecture with discussion, group work, in-class written assignments using ChatGPT, in-class problem solving by group

Expected student activities

Moderate reading/viewing before class, in-class written assignments using ChatGPT, in-class problem solving by group.

Assessment methods

Written January exam (30%), Written group work (30%), class participation (10%), individual problem sets (30%).

Supervision

Office hours	Yes
Assistants	Yes
Forum	No

Resources

Virtual desktop infrastructure (VDI)

No

Bibliography

to be handed out.

Notes/Handbook

no.

Websites

- [http://to be listed on the moodle.](#)

Prerequisite for

none.