

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
<b>Hours</b>	<b>14</b>
Lecture	<b>2 weekly</b>
<b>Number of positions</b>	<b>40</b>

**It is not allowed to withdraw from this subject after the registration deadline.**

**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.