FIN-429

Sustainable & entrepreneurial finance

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Cursus	Sem.	Type
Managmt, dur et tech	MA2	Obl.

Language of teaching	English
Credits	5
Withdrawal	Unauthorized
Session	Summer
Semester	Spring
Exam	During the semester
Workload	150h
Weeks	14
Hours	**5 weekly**
Lecture	3 weekly
Exercises	2 weekly
Number of positions	**50**

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

Summary

This course deals with the role of finance in the transition to a sustainable, low-carbon economy. Students learn how to apply asset allocation techniques to build sustainable portfolios, understand the entrepreneurial ecosystem, and discover the emerging asset class of impact investing.

Content

1. Introduction to venture capital and the entrepreneurial ecosystem
2. What is sustainable finance?
3. ESG criteria and asset allocation techniques
4. Impact Investing

Keywords

- Venture capital
- Environmental, Social, and Governance Criteria
- Asset allocation
- Finance of green innovation

Learning Prerequisites

Required courses

None

Recommended courses

None

Learning Outcomes

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

- Describe all the institutional aspects of the venture capital and impact investment industry

- Give an example of the asymmetric information problem that drives contracting in the venture capital industry
- Apply finance tools and concepts to the world of sustainable finance
- Assess / Evaluate the ESG profile of an investment opportunity
- Justify an ESG compliant investment approach
- Decide how to deal with carbon risk

Transversal skills

- Communicate effectively, being understood, including across different languages and cultures.
- Plan and carry out activities in a way which makes optimal use of available time and other resources.
- Demonstrate the capacity for critical thinking
- Access and evaluate appropriate sources of information.
- Give feedback (critique) in an appropriate fashion.
- Take feedback (critique) and respond in an appropriate manner.

Teaching methods

Lectures, homework, case studies, expert talks, exercises

Expected student activities

- attendance of lectures
- carry out projects
- do exercises
- participate in class discussion

Assessment methods

100% homework / project based (work to be handed in during the semester)

Supervision

Office hours	Yes
Assistants	Yes
Forum	No

Resources

Virtual desktop infrastructure (VDI)

No

Bibliography

Berk, Jonathan, and Peter DeMarzo, Corporate Finance: Global Edition, ISBN: 9781292304151, 5th edition (June 11, 2019).

Ressources en bibliothèque

- Corporate Finance / Berk

Moodle Link

- https://go.epfl.ch/FIN-429