

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

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

**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>