

Number of ECTS credits : 3

Course language : English

Course leader : HACHE Thibault

Speakers : RUELLAN Amélie

≡ COURSE DESCRIPTION

This course will offer an overview of the evolution of accounting and finance facing current challenges.

Students will discover how companies measure environmental and social impact to help them to implement sustainable business model and monitor global performance.

This course will thus introduce tools such as environmental management control and accounting, multi-capital accounting, integrated reporting and sustainable finance (European and international framework).

It will also be focused on the transformation of finance through the digitalization of processes.

≡ COURSE OBJECTIVES

Having completed this course, students are expected to

- explain global and social challenges
- explain main steps to measure environmental and social impact of a business based on theory of change, define inputs, outputs, outcomes and impact of a specific trend
- describe the different steps of carbon footprints and master calculations of GHG emissions
- analyse carbon footprint results
- make recommendations on which tools to use to measure social and environmental impacts (e.g. E LCA, biodiversity score, poverty footprint, measurement of social capital...)
- define and calculate indicators and scorecards to monitor global performance (financial + non-financial)
- quote sustainable development accounting and reporting frameworks (binding and non-binding)
- explain stakes related to non-financial reporting and materiality
- analyse non-financial and integrated reports
- describe main trends in sustainable finance
- describe main impacts of digitalisation process in accounting and finance

≡ LEARNING OBJECTIVES

C4B learning goal	LG5 - Cooperation
C4B learning objective	LO14 - Work effectively in a team
Outcomes	Lev. 3 - Demonstrate a commitment to group work, encourage partners and create involvement and adherence

≡ TACKLED CONCEPTS

- CSR
- planetary boundaries
- SDGs
- science-based targets
- theory of change
- life cycle assessment
- carbon, biodiversity, poverty footprint
- carbon accounting and carbon pricing instruments
- licence to operate
- reporting and accounting associated with human rights
- multi-capital accounting
- nonfinancial and integrated reporting
- sustainable finance
- green taxonomy
- global / triple bottom line performance

≡ LEARNING METHODS

Readings and videos

Team work

Case studies / exercises

≡ EXPECTED WORK AND EVALUATION

Final written closed-book exam (60%)

Continuous Assessment (40%): one team work and one individual continuous assessment

≡ BIBLIOGRAPHY

[What is an environmental P&L](#)

Further readings:

[Should FASB and IASB be responsible for setting standards for non financial information?](#)

[La comptabilité intégrée : un outil de transformation à la portée de tous](#)

BOOKS AVAILABLE at the KNOWLEDGE HUB:

Environmental management in organizations, John Brady, Alison Ebbage and Ruth Lunn, 2011, IEMA

Humanitarian ecological economics and accounting : capitalism, ecology and democracy, Jacques Richard and Alexandre Rambaud, Abington, 2022 (ebook)

Sustainability Accounting and Accountability, by [Matias Laine](#), [Helen Tregidga](#), [Jeffrey Unerman](#), [Abingdon](#), 2022 (ebook)

≡ EVALUATION METHODS