

Basics of finance for project management (ECON853_SOLEM)



En bref

- › **Langues d'enseignement:** Anglais
- › **Méthodes d'enseignement:** En présence
- › **Forme d'enseignement :** Cours magistral
- › **Ouvert aux étudiants en échange:** Oui

Présentation

Description

- Semester 8
- Duration : Within one semester
- Type: Mandatory
- Applicability: ESBC course only
- Module examination: 1 written exam (50%), 1 individual oral presentation (30%), Readings (20%)
- Teaching and learning method : seminar, case studies, discussion.

Responsible person for the module: Emilie PLANES

Objectifs

Upon completion of the module students will:

- understand the foundations of Cost-Benefit Analysis (CBA) and its application in different areas,
- analyse the role of discounting future benefits and costs in decision-making
- be able to understand, identify and apply the Net Present Value (NPV) in project assessment

- have learnt the limitations of using the NPV in decision-making and related alternative methods.

Heures d'enseignement

CM

Cours Magistral

21h

Pré-requis obligatoires

Admission to 2nd semester

Plan du cours

Introduction

Chapter 1: Cost-benefit Analysis: Foundations, areas of applications, limitations, and alternative decision-making methods

Chapter 2: Discounting: Principles, approaches, and challenges

Chapter 3: Net Present Value (NPV): Principles, applications, limitations, adjustments to the traditional NPV

Conclusion

Bibliographie

Text books:

- De Rus, G. (2021). Introduction to cost–benefit analysis: looking for reasonable shortcuts. Edward Elgar Publishing.
- Guerriero, C., & Pacelli, A. (2020). Discounting benefits and costs. In Cost-Benefit Analysis of Environmental Health Interventions (pp. 129-143). Academic Press.
- Hanley, N., Barbier, E. B., & Barbier, E. (2009). Pricing nature: cost-benefit analysis and environmental policy. Edward Elgar Publishing.
- National Center for Environmental Economics. (2010). Guidelines for preparing economic analyses.
- (<https://www.epa.gov/environmental-economics/guidelines-preparing-economic-analysis-2010-revised-2014>)
- Organisation for Economic Co-operation and Development. (2018). Cost-Benefit Analysis and the Environment: Further Developments and Policy Use. OECD Publishing.

Compétences acquises

Macro-compétence

Micro-compétences

Infos pratiques

Lieux

➤ Le Bourget-du-Lac (73)

Campus

➤ Le Bourget-du-Lac / campus Savoie Technolac