

# 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.

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## Heures d'enseignement

CM Cours Magistral 21h

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## Pré-requis obligatoires

Admission to 2nd semester

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## 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

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## 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.

## Infos pratiques

## Lieux

- › Le Bourget-du-Lac (73)
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## Campus

- › Le Bourget-du-Lac / campus Savoie Technolac