

Basics of finance fo project management



Composante
Polytech
Annecy-
Chambéry

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.

Infos pratiques

Lieux

› Le Bourget-du-Lac (73)

Campus

› Le Bourget-du-Lac / campus Savoie Technolac