


5.00 credits

45.0 h + 20.0 h

Q2

Teacher(s)	D'Hondt Catherine ;Platten Isabelle ;
Language :	French
Place of the course	Mons
Main themes	<p>The introductory finance course:</p> <ul style="list-style-type: none"> • Presents the discipline, its challenges and frames learning, particularly with regard to recent developments in sustainable finance; • Develops classic financial reasoning, with the consideration of time and risk in the analysis of the financial decision; • Analyzes the investment decision in business and in the financial markets; • Introduces the company's means of financing (stocks and bonds) and their evaluation, as well as the impact of the financing method on the profitability and investment projects risk; • Develops the ability to solve financial problems (investment, financing, profitability and risk analysis) in a digital environment, using a spreadsheet.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>Given the « competencies referential » linked to the LSM Bachelor in Management and Business Engineering, this course mainly develops the following competencies:</p> <ul style="list-style-type: none"> • 1.3. Analyse a situation responsibly, taking into account the economic, social and environmental impact on the various stakeholders. • 2.1. Understand the basic concepts and theories in each of the fields of management and economics. • 3.2. Apply clear and structured analytical reasoning, conceptual frameworks and science-based models to describe and analyse a simple but concrete problem and offer a solution. • 5.4. Use software from different fields to solve a management problem. • 8.4. Using computer tools, create graphs and tables that meet scientific standards. • 9.1. Self-management: define your priorities, plan ahead and organise all aspects of your work over time, be rigorous and structured in your approach. • 9.4. Adapt to, and take advantage of, a variety of learning situations. <p>1</p> <p>At the end of the class, the student will be able to:</p> <ul style="list-style-type: none"> • position finance and the challenges of sustainable finance within management disciplines; • master financial algebra, profitability calculation, actuarial cost calculation, use of a spreadsheet for financial calculation; • explain the fundamental concepts of finance (price and value, profitability and risk, arbitrage); • solve (with a spreadsheet) problems formulated by the financial management of a company, namely the choice of investments and the choice of financing; • value in simple models the main financial assets traded on the markets (stocks & bonds).
Evaluation methods	<p>Within this course, students' skills assessment is twofold :</p> <ul style="list-style-type: none"> • Ongoing formative assessment with homeworks (quiz and exercices) during the semester (0% of the final grade) • Written exam with open questions in session (100% of the final grade)
Teaching methods	<ul style="list-style-type: none"> • Online course • Flipped classroom • Exercises using Excel (in small groups) • Case studies in class (mixing sustainability and finance)
Content	<p>One part of the lectures are devoted to the principles of finance and the basics of financial reasoning:</p> <ul style="list-style-type: none"> • The law of one price • Time value of money • Annuities • Interest rates • Loans • Selection criteria for investment • How to choose among several projects • Cash-flow determination for a project

	<ul style="list-style-type: none"> • Capital budgeting • Bonds • Stocks • Risk • The cost of capital • Capital budgeting - conclusion <p>The other part of the lectures deal with case studies addressing topics related to both sustainability and finance.</p>
Bibliography	<ul style="list-style-type: none"> • Berk & DeMarzo, Finance d'entreprise (version française), Pearson, 5e édition, 2020 • Vernimmen, Quiry & Le Fur, Finance d'entreprise, 20e édition (Daloz, 2022) • Principles of Corporate Finance: Global Edition, 11ème édition, Brealey, Myers & Allen, McGraw-Hill 2014.
Other infos	Flipped classroom implies students seeing the material beforehand (such as viewing a lecture online) prior to the in-class discussion of the material.
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor : Business Engineering	INGM1BA	5		
Bachelor in Management	GESM1BA	5		