


4 credits

30.0 h + 15.0 h

Q2

Teacher(s)	Nsabimana André (compensates Sarens Gerrit) ;Sarens Gerrit ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	Financial statements, balance sheet, income statement and cash flow statement. Financial statements analysis. Solvability, liquidity and profitability. Financing decisions. Issues of common shares or corporate bonds. Capital budgeting decisions
Aims	<p>Objectives (in terms of competencies) Give to our student a fair understanding of the methods and concepts that support the decion processes in the field of finance. A specific attention is dedicated to the capital budgeting decisions and the financing decisions.</p> <p>1</p> <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Content	Overview of the financial statements. Financial forecastings. Profitability analysis, Return on Equity and Return on Investment. Risk-return trade-off associated to the debt. Financial leverage. Risk-return trade-off associated to the fixed assets and fixed cost. Operating leverage. Financing decisions : issues of common stocks vs issue of corporate debt. Weighted average cost of capital (WACC) Selection criteria in capital budgeting : payback, internal rate of return,net present value. Introduction of risk in capital budgeting.
Other infos	N / A
Faculty or entity in charge	EPL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Data Science Engineering	DATE2M	4		
Master [120] in Electro-mechanical Engineering	ELME2M	4		
Master [120] in Mechanical Engineering	MECA2M	4		
Master [120] in Computer Science and Engineering	INFO2M	4		
Master [120] in Civil Engineering	GCE2M	4		
Master [120] in Electrical Engineering	ELEC2M	4		
Master [120] in Physical Engineering	FYAP2M	4		
Master [120] in Chemical and Materials Engineering	KIMA2M	4		
Master [120] in Biomedical Engineering	GBIO2M	4		
Master [120] in Chemistry	CHIM2M	4		
Master [120] in Computer Science	SINF2M	4		
Master [120] in Mathematical Engineering	MAP2M	4		
Master [120] in data Science: Information technology	DATI2M	4		
Minor in Mangement (basic knowledge)	LGESA100I	4		