




5 credits	30.0 h	Q2
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Teacher(s)	D'Hondt Catherine ;
Language :	French
Place of the course	Mons
Main themes	<p>The goal of this course is to teach students the foundations of portfolio construction and performance measurement. Key topics include:</p> <ul style="list-style-type: none"> - Return and risk measurement (for equity, fixed-income, and derivative portfolios) - Portfolio construction and management techniques - Performance attribution and presentation standards - Private Wealth Management (Wealth Allocation Framework)
Aims	<p>At the end of this course, students will be able to:</p> <ul style="list-style-type: none"> - calculate the risk and return of financial assets using a spreadsheet and the R software; - select the most appropriate return and risk computation methods when evaluating the portfolio management strategy followed by investor risk; 1 - analyze the composition of the portfolio held by wealthy individuals when making any necessary recommendation for change; - assess the strengths and weaknesses of active and passive management strategies; - construct and evaluate one's portfolio by selecting and combining several securities. <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>
Evaluation methods	<ul style="list-style-type: none"> • Written examination (50%) • Ongoing assessment based on Stock Trak portfolio assignment (50%) • The ongoing assessment score is no longer taken into account in the second session (resit exam=100%)
Teaching methods	<ul style="list-style-type: none"> • Lectures • Stock Trak portfolio management assignment • Exercises
Content	<ul style="list-style-type: none"> • Key concepts <ul style="list-style-type: none"> • Some useful reminders • Market Efficiency Hypothesis • Key players in the industry • Markets & execution mechanisms • Classification of assets • Market indices • The portfolio management process • Modern Portfolio Theory and beyond <ul style="list-style-type: none"> • The importance of diversification • The pitfalls of Modern Portfolio Theory • The Capital Asset Pricing Model • Extensions to the CAPM • Performance Measurement

	<ul style="list-style-type: none"> • Investment strategies <ul style="list-style-type: none"> • Basic strategies • Strategic Asset Allocation • Tactical Asset Allocation & Security Selection • Style Investment
Bibliography	<ul style="list-style-type: none"> • Bodie, Z., Kane, A., & Marcus, A. J. (2014). Investments (Vol. 10th Edition). New York: McGraw-Hill Education • Portfolio Management: An Overview by Robert M. Conroy, CFA and Alistair Byrne, CFA • Basics of Portfolio Planning and Construction by Alistair Byrne, CFA and Frank E. Smudde, CFA
Other infos	<ul style="list-style-type: none"> • Teaching material provided in English • Course taught in French
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Business Engineering	INGM2M	5		
Master [120] in Management	GEST2M	5		
Master [120] in Management	GESM2M	5		
Master [120] in Business Engineering	INGE2M	5		