


Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

6 credits	30.0 h	Q2
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Teacher(s)	Vrins Frédéric ;
Language :	French
Place of the course	Mons
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	<p>The goal of this course is to teach students the foundations of portfolio construction and performance measurement.</p> <p>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 - The principles of 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 calculator and a spreadsheet; - 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	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Written exam
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. <ul style="list-style-type: none"> - Lectures based on Powerpoint presentations - MCQs - Excel applications - Video tutorials - Portfolio simulation
Content	<p>The course draws its content from the following list of study items.</p> <ul style="list-style-type: none"> - Portfolio Risk, Return, Planning and Construction - Active Portfolio Management - Portfolio Management Process and Investment Policy Statement - Alternative investments: Investing in Commodities, Real

	<p>Estate, Private Equity and Hedge Funds</p> <ul style="list-style-type: none"> - Private Wealth Management - Portfolio Management for Institutional Investors - Capital Market Expectations in Portfolio Management - Economic Concepts for Asset Valuation in Portfolio Management - Asset allocation - Fixed-Income Portfolio Management - Relative-Value Methodologies for Global Credit Bond Portfolio Management - Hedging Mortgage Securities to Capture Relative Value - Equity Portfolio Management - Alternative Investments Portfolio Management (Swaps, Commodity Forwards and Futures) - Risk Management for Strategies on Currencies, Forward and Futures, Options, and Swaps - Execution of Portfolio Decisions - Monitoring and Rebalancing of Portfolios - Evaluating Portfolio Performance - Global Performance Evaluation - Global Investment Performance Standards
Bibliography	<ul style="list-style-type: none"> • John C. Hull , Risk Management and Financial Institutions, 5th edition, Wiley (2018) • Frey and Mc Neil & Embrechts, Quantitative Risk Management: : Concepts, Techniques and Tools - Revised Edition, Princeton Series in Finance
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Management (shift schedule)	GEHM2M	6	MGEHD2134	
Master [120] in Management (shift schedule)	GEHC2M	6		