


6.00 credits

30.0 h

Q2

Teacher(s)	Vrins Frédéric ;
Language :	French
Place of the course	Mons
Prerequisites	None (at the master level) <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	The goal of this course is to teach students the foundations of portfolio construction and performance measurement. Key topics include: <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)
Learning outcomes	At the end of this learning unit, the student is able to : At the end of this course, students will be able to: <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.
Evaluation methods	Written exam
Teaching methods	<ul style="list-style-type: none"> - Lectures based on Powerpoint presentations - MCQs - Excel applications - Video tutorials - Portfolio simulation
Content	The course draws its content from the following list of study items. <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 Estate, Private Equity and Hedge Funds - 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,

	<p>Commodity Forwards and Futures)</p> <ul style="list-style-type: none"> - 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
<p>Bibliography</p>	<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
<p>Faculty or entity in charge</p>	<p>CLSM</p>

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