



5 credits

30.0 h

Q1

Teacher(s)	Colmant Bruno ;Grégoire Philippe ;Nguyen Anh ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	<p>The course will cover the following topics:</p> <ul style="list-style-type: none"> • Portfolio theory • CAPM • APT • Market efficiency • Capital structure, dividends • Derivative products and Option pricing in discrete time • Real options analysis
Aims	<p>On successful completion of this program, each student will acquire the following skills:</p> <p>1</p> <ul style="list-style-type: none"> • A scientific and systematic approach: Analyze and resolve problems in multidisciplinary and complex management situations using a scientific and systematic approach • Communication and interpersonal skills: Communicate, converse effectively and convincingly with the stakeholders <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	<p>Continuous evaluation</p> <ul style="list-style-type: none"> • Date: before and after each course • Type of evaluation: tests, quizz, homeworks, use of Mylab • Comments: Mylab/Finance is Compulsory for this course. The cost of the license is 26.56 €/student. It is the responsibility of the student. <p>Evaluation week</p> <ul style="list-style-type: none"> • Oral: No • Written: Yes - 2 hours • Unavailability or comments: The written examination represents 30% of the final mark. In September it lasts 3 hours and represents 70% of the note. <p>Examination session</p> <ul style="list-style-type: none"> • Oral: • Written: • Unavailability or comments:
Teaching methods	<ul style="list-style-type: none"> • In-class lectures. • Online forums. • Teamwork assignments
Content	<ul style="list-style-type: none"> • Introduction and Recap fundamentals • Bloomberg sessions • Portfolio theory, CAPM, APT • Market efficiency • Capital structure, dividends • Derivatives products and option pricing in discrete time • Real options analysis
Bibliography	<p>Slides based on the two main reference books of the course</p> <p>READINGS :</p> <ul style="list-style-type: none"> • Finance : A Quantitative Introduction by Nico Van der Wijst (Cambridge University press, 2013). Chapters selected for this course: 1,2,3,4,5,7,9 • Investments 10E (Global Edition) by Bodie, Kane and Markus (McGraw Hill, 2014) chapters selected for this course: 5,6,7,8,9,10,11,13,20,21

Faculty or entity in charge	CLSM
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Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Actuarial Science	ACTU2M	5		
Master [120] in Management	GEST2M	5		
Master [120] in Management	GESM2M	5		