



Teacher(s)	Nguyen Anh ;Thewissen James ;
Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	<ul style="list-style-type: none"> <li>• Econometrics, Finance and Fundamental mathematical and statistical concepts. Concepts covered in courses such as the ones listed below should be known.</li> <li>• Économétrie [ LECGE1316 ]</li> <li>• Mathématiques en économie et gestion I [ LECGE1112 ]</li> <li>• Mathématiques en économie et gestion II [ LECGE1230 ]</li> <li>• Statistique en économie et gestion I [ LECGE1114 ]</li> <li>• Statistique en économie et gestion II [ LECGE1224 ]</li> <li>• Finance [ LECGE1332 ]</li> </ul>
Main themes	<p>The course will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Portfolio theory</li> <li>• CAPM</li> <li>• APT</li> <li>• Market efficiency</li> <li>• Capital structure, dividends</li> <li>• Derivative products and Option pricing in discrete time</li> <li>• Real options analysis</li> </ul>
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>The goal of this course is to develop fundamental insights in corporate finance, i.e., in the financial management of corporations. After completing the course, the student is able to:</p> <ol style="list-style-type: none"> <li>1. Evaluate and select investments and projects, value assets, and analyze and apply criteria to do this</li> <li>Analyze the capital structure (financing decision) and pay-out policy of firms</li> <li>Use formal models and methodologies that are covered in the course to achieve these objectives</li> <li>Have a critical view on models and methodologies, and how to use them in practice</li> <li>Understand the signals to identify firms in financial distress</li> <li>Comprehend the rationale behind mergers and acquisitions</li> </ol>
Evaluation methods	<p><b>Continuous evaluation</b></p> <ul style="list-style-type: none"> <li>• Date: <i>before and after each course</i></li> <li>• Type of evaluation: <i>tests, quizz, homeworks, use of Mylab, groupwork on Moodle.</i></li> <li>• <i>The class is face-to-face. Please check ADE for the latest schedule.</i></li> <li>• Comments: <i>Mylab/Finance is <b>Compulsory</b> for this course. The cost of the license is approx. 25 EUR per student. <b>It is the responsibility of the student.</b></i></li> </ul> <p><b>Evaluation week</b></p> <ul style="list-style-type: none"> <li>• Oral: <i>No</i></li> <li>• Written: <i>Yes - 2 hours</i></li> <li>• <i>The written examination represents 40% of the final mark. <b>So, it is crucial for success to complete the Continuous Evaluation on time !!</b></i></li> <li>• <i><b>The homework counts for 10% of the final grade.</b></i></li> <li>• <i><b>The continuous evaluation counts for 50% of the final grade.</b></i></li> </ul>
Teaching methods	<ul style="list-style-type: none"> <li>• In-class lectures.</li> <li>• Online forums.</li> <li>• Teamwork assignments</li> </ul>
Content	<p>The course will cover the following topics:</p> <ul style="list-style-type: none"> <li>• Market efficiency and investors' behavior</li> <li>• Capital structure and payout policy</li> <li>• Advanced valuation techniques</li> <li>• Financial distress</li> <li>• Long-term financing</li> </ul>

	<ul style="list-style-type: none"><li>• Mergers and acquisitions</li></ul>
Bibliography	Slides based on the two main reference books of the course READINGS : <ul style="list-style-type: none"><li>• Corporate Finance, Berk and DeMarzo, 5th Edition, Pearson</li></ul>
Faculty or entity in charge	CLSM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Management	<a href="#">GEST2M</a>	5		
Master [120] in Actuarial Science	<a href="#">ACTU2M</a>	5		
Master [120] in Management [CEMS Programme]	<a href="#">GESM2M</a>	5		