





5.00 credits

30.0 h

Q2

Teacher(s)	Knaepen Denis ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	This course provides a deep analysis of the risks : market, credit and exchange rate. It proposes to measure them and hedge them. The course deals with the different measures for volatility and correlations and how optimal portfolio allocation can decrease the risk via diversification. Systemic risk and its different measurement will also be considered. The course relies on quantitative approaches.
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p><b><i>Having regard to the LO of the programme, this activity contributes to the development and acquisition of the following LO</i></b></p> <ol style="list-style-type: none"> <li>1. Have a good understanding of the major concepts and topics of international finance</li> <li>2. Be able to examine factors encountered by finance managers of multinational corporations in making financing and investment decisions with a global perspective</li> </ol> <p><b>1</b></p> <p><b>On successful completion of this program, each student will acquire the following skills :</b></p> <ol style="list-style-type: none"> <li>1. Corporate citizenship</li> <li>2. Communication and Interpersonal skills</li> <li>3. Critical thinking skills</li> <li>4. Teamwork and leadership</li> </ol>
Evaluation methods	<p><b>Evaluation continue /Continuous evaluation</b></p> <ul style="list-style-type: none"> <li>• Date: No</li> <li>• Type of evaluation: Assignment, Case Study, Presentation, Report</li> <li>• Comments: No</li> </ul> <p><b>Semaine d'évaluation /Evaluation week</b></p> <ul style="list-style-type: none"> <li>• Oral: No</li> <li>• Written: No</li> <li>• Unavailability or comments:</li> </ul> <p><b>Session d'examens /Examination session</b></p> <ul style="list-style-type: none"> <li>• Oral: No</li> <li>• Written: No</li> <li>• Unavailability or comments:</li> </ul>
Teaching methods	Lectures, Case Studies, Presentations
Content	<ul style="list-style-type: none"> <li>• Credit risk</li> <li>• Interest rate risk</li> <li>• Currency risk</li> <li>• Spot foreign exchange markets and forward contracts</li> <li>• Future contracts and currency options</li> <li>• Interest rate and currency swaps</li> <li>• Measuring and managing FX exposures</li> </ul>
Bibliography	D. D. Wu Quantitative Financial Risk Management Springer Slides posted in Moodle

<p>Other infos</p>	<p><b>LECTURE SCHEME (INDICATIVE)</b>                  Introduction to International Financial Management                  Understanding the international environment: Country risks, Banking risk, Economical and geopolitical risks                  The time value of Money – Interest rates – Bonds – Yield to Maturity - Inflation                  Interest Rate Exposure Management                  Foreign Exchange Exposure Management                  International Trade Finance: short term and long term type transactions (financing, structuring)                  International Cash Management: payments, cash pooling                  International Financial Markets                  - Equity Capital Markets                  - Debt Capital Markets                  -Bank financing                  International Tax considerations and how they impact International Financial Management</p>
<p>Faculty or entity in charge</p>	<p>CLSM</p>

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Management	<a href="#">GESM2M</a>	5		
Master [120] in Business Management	<a href="#">GENT2M</a>	5		
Master [120] : Business Engineering	<a href="#">INGE2M</a>	5		
Master [120] in Management	<a href="#">GEST2M</a>	5		
Master [120] : Business Engineering	<a href="#">INGM2M</a>	5		