UCL Université catholique de Louvain

MGEST2170

2015-2016

Fixed Income Analysis

5.0 credits	30.0 h + 0.0 h	1q

Teacher(s) :	Platten Isabelle ; Vrins Frédéric ;
Language :	Français
Place of the course	Mons
Prerequisites :	MGEST1219 FINANCE MGEST2164 Derivative Securities MGEST1219 FINANCE MGEST2164 Derivative Securities MGEST1219 FINANCE MGEST2164 Derivative SecuritiesMGEST1219 FINANCE MGEST2164 Derivative Securities
Main themes :	This course is designed to provide a comprehensive introduction (level1 CFA and part of level 2) to fixed income securities by covering the following broad topical areas: - the institutions, instruments, and operations involved in the fixed income securities markets; - the valuation and the risks of fixed income securities; - the term structure of interest rate; - the use and application of interest rate derivatives in the areas of risk management and financial engineering.
Aims :	At the end of this course, students will be able to: - Describe and interpret the general features of fixed income securities and understand the basic operations of fixed income markets; - Apply the discount cash-flow technique to price bond and be able to describe the relationship between bond price and yield; - Illustrate the basic term structure of interest rates and to extract zero-coupon rates from bond yields; - To measure interest rate risk using the concepts of duration and convexity - Understand the features and uses of bond with option features ; - Use basic interest rate derivatives like futures and options to manage interest rate risk. - Explain the characteristics mortgage-backed securities and asset-backed securities; *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".*
Faculty or entity in charge:	BLSM

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Management	GESM2M	5	-	
Master [120] in Business Engineering	INGM2M	5	-	
Master [120] in Management	GEST2M	5	-	
Master [120] in Business engineering	INGE2M	5	-	