MATH0064 (Interest Rates and Credit Modelling)

**Year:** 2018–2019  
**Code:** MATH0064  
**Value:** 15 UCL credits (= 7.5 ECTS)  
**Term:** 2  
**Structure:** 3 hour lectures per week  
**Assessment:** 80% examination and 20% coursework. Students must achieve at least 50% to pass this course.  

**Normal Pre-requisites:** Knowledge of probability theory and stochastic processes, an introductory course in Financial Mathematics.  
**Lecturer:** Prof C Marinelli

**Course Description and Objectives**

This is a 30-hour introductory course on interest rate modelling and the pricing of fixed-income assets. The first part of the course focusses on the modelling of the term structure of interest rates. During the second part of the course, the concept of credit risk and some standard credit risk models are introduced.

**Recommended Texts**


**Detailed Syllabus**


August 2018 MATH0064