

## BANKING AND FINANCE MASTER COURSE CONTENTS

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsary/Elective Course
BAN501	Assets and Liabilities Management	(3,0,0)	3	7.5	Compulsary
<p>In this course, students will get very basic knowledge about assets and liabilities management of commercial banks including key concepts: equity; assets, liabilities and their components; methodologies and models for assets and liabilities management. Based on such knowledge, students could choose a suitable method to manage a bank's assets and liabilities. Some kinds of risks and risk management methodologies are also introduced in this course. Finally, the course provides the way to evaluate a bank's performance through some performance (operating) and safety ratios</p>					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsary/Elective Course
BAN504	Applied Financial Statistics	(3,0,0)	3	7.5	Compulsary
<p>The aim of this course is to familiarize students with econometric techniques in financial and economic data. To enhance the analytical skills of students to interpret data and to produce information for decision making in functional areas of banking and finance. To help students think analytically and to motivate students to study furthers in areas of challenge offered by statistics.</p>					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsary/Elective Course
FIN503	Investment	(3,0,0)	3	7.5	Compulsary
<p>This course aims to help students develop a broad knowledge and understanding of portfolio management and investment analysis. Students build on the knowledge gained from the Financial Markets and Investment Mathematics core courses in semester one (or Foundations of Finance in the case of A&amp;F students). Students will learn the importance of understanding client objectives in the portfolio management process and understand practical issues that arise in managing client portfolios. We will review a number of investment strategies that have been suggested as having the potential to create superior returns. There will be at least one guest lecture from a portfolio manager.</p>					

Course Code	Course Name	(T,A,L)	Credit	ECTS	Compulsary/Elective Course
FIN504	International Finance	(3,0,0)	3	7.5	Elective
<p>The course enriches student knowledge on the exchange rate dynamics, international trade and development, and emerging markets. Furthermore, corporate finance issues with a global perspective are covered. More specifically, accounting for international transactions, valuation of international investments, and financial management of multinationals are investigated. On the international investments side, global portfolio management, risk management, country and sector risks, international interest rates, term structures, and global markets are examined.</p>					

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FIN520	Globalization and Financial Markets	(3,0,0)	3	7.5	Elective
<p>The course covers international trade and global economy. In this course the growth of globalization, the relations between globalization capitalism and new technologies are studied. The effects of globalization on developed and underdeveloped countries, anti-globalization movements and dangers to globalization, reshaping globalization for developed and underdeveloped countries and the future of globalization are discussed. Furthermore, current global issues such as the recent global financial and economic crises are widely tackled.</p>					

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FINA517	Corporate Finance	(3,0,0)	3	7.5	Compulsary
<p>The course develops theoretical framework for understanding and analysing major financial problems of modern company in market environment. The course covers basic models of valuation of corporate capital, including pricing models for primary financial assets, real assets valuation and investment projects analysis, capital structure and various types of corporate capital employed, derivative assets and contingent claims on assets. It provides necessary knowledge in evaluating different management decisions and its influence on corporate performance and value. The course requires the knowledge in micro and macroeconomics, accounting and banking. The course is based on lectures, seminars, case studies and self-study. "Corporate finance" is a two-semester course designed to prepare students for UOL examination.</p>					

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FIN521	Investment Appraisal	(3,0,0)	3	7.5	Compulsary
<p>The course starts with some preliminary notions of game theory and financial option pricing, which allow students to later develop in more depth the topics of corporate investment and financing usually covered as undergraduates. The course then focuses on capital budgeting and the traditional financial performance measures such as the NPV or the IRR, revising the concept of Free cash flow, as well as robustness checks, such as scenario analysis. This is followed by a careful discussion of the basic financing choices and the theory of capital structure, starting from the Modigliani-Miller framework, discussing the trade-off theory, and also dynamic concerns. The main valuation methods used in real life situations, such as WACC, APV or FTE, are also applied. Hybrid financing choices, such as warrants and convertible bonds, are also presented. The course then focuses on risky debt according to Merton's model, as well as the possibility of strategic debt service. The final section of the course offers an introduction to Real Options as an extension to the more traditional DCF analysis.</p>					

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FIN530	Monetary Theory and Policy	(3,0,0)	3	7.5	Elective
<p>This course introduces students to the key concepts and topics of monetary theory and policy. The course covers structure of central banks, monetary policy goals and tools, and transmission mechanisms of monetary policy and implications of policies in macroeconomic set up.</p>					

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FIN611	Exchange Rate Economics	(3,0,0)	3	7.5	Elective
<p>The course aims to introduce students to the behavior of exchange rates in different exchange rate policy regimes concerning the other macroeconomic indicators, understand and analyze how equilibrium exchange rates are established in different regimes, and enable them to learn the international monetary system.</p>					