

# Course Descriptions Bachelor 2018-2019

Course Title                      Macroeconomics and Finance  
 Course Code                      EBC2001  
 ECTS Credits                      6,5  
 Assessment                      None

Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
1		3-9-2018	26-10-2018		X/E		X/E	

Level                      Introductory

Coordinator                      Jaap Bos, Clemens Kool, Andreea Bicu For more information: j.bos@maastrichtuniversity.nl; c.kool@maastrichtuniversity.nl; a.bicu@maastrichtuniversity.nl

Language of instruction                      English

Goals                      Finance part:  
 - Understand what finance theory says about how risky securities are priced in equilibrium.  
 - Understand the implications of the previously mentioned points for risky investment valuation.  
 - Understand how the optimal capital structure of a firm is determined.  
 - Learn about derivatives and their use as risk management tools by firms and investors.  
 - Learn about the valuation of derivatives.

Macro part:  
 - Understand the factors underlying exchange rates  
 - Understand the relative (in)effectiveness of monetary and budgetary policy in open economies  
 - Understand the conditions under which monetary union is sustainable, its advantages and drawbacks  
 - Understand the triggers of financial crises

Description                      The 1st (finance) part deals with basic issues in finance, such as risk diversification and asset pricing, investment valuation, market efficiency, capital structure, derivatives.  
 The 2nd (macro) part of the course deals with models of exchange rate determination, basic macro models of aggregate supply and demand, evaluating the relative effectiveness of government policies within these frameworks, models of financial crises, theory and practical implications of optimum currency areas.

Literature                      Berk & DeMarzo, Corporate Finance, Pearson, 1st ed., (2007)

Prerequisites                      Krugman, P.R. and M. Obstfeld, International Economics, Theory and Policy, 8th edition, Addison Wesley  
 Students are expected to understand the following finance concepts: Types of securities (stocks, bonds) and their returns; Markowitz' portfolio theory (risk-return relationships, efficient frontier, security market line), CAPM (capital market line, beta); definitions and implications of market efficiency; principles of time value of money; basic statistical concepts like mean, variance, correlation and how to calculate them.

Students are expected to master the following macro concepts: standard macro models like the IS-LM model; comparative statics on the equilibria within such models; the relative effectiveness of monetary and fiscal policies under fixed and flexible exchange rates regimes.

Teaching methods                      PBL / Presentation / Lecture / Assignment

Assessment methods                      Participation / Written Exam

Evaluation in previous academic year                      For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation

Bachelor Econometrics and Operations Research	Year 2 Compulsory Courses
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses