Course Descriptions None 2015-2016

Course Title	Forecasting for Economics and Business
Course Code	EBC2089
ECTS Credits	6,5
Assessment	Whole/Half Grades

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
4	1-2-2016	1-4-2016	X/E		X/E		

Level	Intermediate
Coordinator	Gerard Pfann For more information:g.pfann@maastrichtuniversity.nl
Language of instruction	English
Goals	Understand the importance of knowing the mechanism that generated the data regarding the phenomenon about which a forecast is required; Learn the basic tools for making forecasts including software (E-Views) Learn and understand methods to investigate dynamic relationships between a series and influential exogenous variables; Gain practical experience in analysing, modelling and forecasting a time series and reporting the results in course paper.
Description	This course focuses on modern techniques in modelling time series and on the construction of simple dynamic models. The course will extensively cover the Box-Jenkins methodology, and extend to models with non-stationary data, forecasting with leading indicators and multivariate dynamic models (VAR).
Literature	The book by Diebold (2014), 'Forecasting' (available online).
Prerequisites	This course can be chosen as an elective by students in the Bachelor program of IB, INF, IBE and IES. Students are expected to have a good foundation in quantitative methods, in particular statistics including knowledge about the multiple regression model. Bowerman and O'Connell (2007), Business Statistics in Practice, 4th ed., McGraw-Hill, Chapters 1 to 12 give a good indication of the topics that students should have covered in earlier courses. An advanced level of English.
Teaching methods	PBL / Presentation / Lecture / Assignment
Assessment methods	Final Paper / Participation
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 Economics and Business Economics Specialisation Economics	QE Electives
Bachelor Economics and Business Economics Specialisation Economics and Management of Information	QE Electives
Bachelor Economics and Business Economics Specialisation International Business Economics	QE Electives
Bachelor International Business	QE electives
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses