Course Descriptions None 2018-2019

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	4-2-2019	5-4-2019	X/E		X/E		

Level	Advanced
Coordinator	Gerard Pfann For more information:g.pfann@maastrichtuniversity.nl
Language of instruction	English
Goals	Understand the importance of knowing the mechanisms that generate univariate time-series data. Learn the basic tools for making forecasts including software (E-Views). Learn and understand methods to investigate dynamic characteristics of time-series data. Gain practical experience in analysing, modelling and forecasting a time series and reporting the results in course paper.
Description	This course will cover static and dynamic forecasting models, models with trends and seasonals, and cover the Box-Jenkins methodology for modeling cycles in stationary data. The course will provide students with a thorough understanding of time-series and with the empirical skills to estimate, test, and forecast the most appropriate dynamic models.
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 IBE and IES. Students must have a good and solid foundation in empirical econometrics and applied statistics, in particular statistics including knowledge about the multiple linear regression model. James H. Stock and Mark W. Watson : Introduction to Econometrics provides a good level indication of the prerequisites knowledge students must have to be able to follow this course successfully. An advanced level of English.
Teaching methods	PBL / Presentation / Lecture / Assignment
Assessment methods	Final Paper / 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 Economics and Business Economics - Economics	QE Electives
Bachelor Economics and Business Economics - Emerging Markets	QE Electives
Bachelor Economics and Business Economics - Economics and Management of Information	QE Electives
Bachelor Economics and Business Economics - 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