Course Descriptions None 2024-2025

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	3-2-2025	30-3-2025	X		X		

Level	Advanced
Coordinator	Alain Hecq For more information:a.hecq@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 is in transition for the bachelor Fiscal Economics. See the Bachelor Education and Examination Regulations for more information. The following rule applies to bachelor Fiscal Economics students. TRANSITIONAL REGULATION (EBC2089): The bachelor Fiscal Economics has been discontinued. There will be repeat education for year 1 and year 2 courses up to and including academic year 2025-2026 and exam-only up to and including academic year 2026-2027. For year 3 courses there will be repeat education up to and including 2026-2027 and exam-only up to and including academic year 2027-2028. Whether a course is in transition, cancelled, or replaced may depend on the cohort you are in. Sometimes there are additional criteria. It is therefore very important to carefully read the EER and any addendum so you can apply the rules to your individual situation. 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	Year 3 Quantitative Economics Elective(s)
Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Course(s)
Bachelor Economics and Business Economics - Economics and Management of Information	Year 2+3 Quantitative Economics Elective(s)
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Accounting
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Finance
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Inf Mgmt
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Marketing
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Org
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj SCM
Bachelor Economics and Business Economics - International Business Economics	Year 3 QE Elec(s) - Maj Strategy
Bachelor Fiscal Economics	Transitional Regulation
Bachelor International Business - Emerging Markets	Year 3 Elective Course(s)
Bachelor International Business	Year 3 QE Elec(s) - Maj Accounting
Bachelor International Business	Year 3 QE Elec(s) - Maj Finance
Bachelor International Business	Year 3 QE Elec(s) - Maj Inf Mgmt
Bachelor International Business	Year 3 QE Elec(s) - Maj Marketing
Bachelor International Business	Year 3 QE Elec(s) - Maj Org
Bachelor International Business	Year 3 QE Elec(s) - Maj SCM
Bachelor International Business	Year 3 QE Elec(s) - Maj Strategy
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses