

# Course Descriptions None 2025-2026

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

Period	Start	End	Mon	Tue	Wed	Thu	Fri
4	2-2-2026	27-3-2026	X		X		

Level Advanced  
 Coordinator Alain Hecq For more information: [a.hecq@maastrichtuniversity.nl](mailto: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 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.

Transitional Regulations 

TRANSITIONAL REGULATIONS

- Bachelor Economics and Business Economics - Economics and Management of Information [2024-2025 or earlier]
- Bachelor Economics and Business Economics - International Business Economics [2024-2025 or earlier]

- From 2025-2026 onwards, education and exam/resit opportunities are offered. Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 16 for more information.

Academic Year	Education	Exam/Resit	Replacement(s)
2025-2026	X	X	See the Bachelor EER 2025-2026 Appendix I Article 16 for more information

TRANSITIONAL REGULATIONS

- Bachelor Fiscal Economics

- In 2024-2025, 2025-2026, and 2026-2027 education and exam/resit opportunities are offered.
- In 2027-2028 exam/resit opportunities are offered.
- From 2028-2029 onwards, the course is cancelled.

Academic Year	Education	Exam/Resit	Replacement(s)
2027-2028	X	X	
2028-2029	X	X	

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 Electives
Bachelor Economics and Business Economics - Emerging Markets	Year 3 Elective Courses
Bachelor Economics and Business Economics - Economics and Management of Information	In transition - Year 2+3 QE Electives
Bachelor Economics and Business Economics - Economics and Management of Information	Year 3 Quantitative Economics Elective
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Accounting - QE Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Finance - QE Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Inf Mgmt - QE Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Marketing - QE Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Org - QE Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj SCM - QE Elec
Bachelor Economics and Business Economics - International Business Economics	In transition - Maj Strategy - QE Elec
Bachelor Economics and Business Economics - International Business Economics	Year 3 Quantitative Economics Elective
Bachelor Fiscal Economics	In transition - Year 3 Elective Courses
Bachelor International Business - Emerging Markets	Year 3 Elective Courses
Bachelor International Business	Year 3 QE Elecs - Maj Accounting
Bachelor International Business	Year 3 QE Elecs - Maj Finance
Bachelor International Business	Year 3 QE Elecs - Maj Inf Mgmt
Bachelor International Business	Year 3 QE Elecs - Maj Marketing
Bachelor International Business	Year 3 QE Elecs - Maj Org
Bachelor International Business	Year 3 QE Elecs - Maj SCM
Bachelor International Business	Year 3 QE Elecs - Maj Strategy
SBE Exchange Bachelor	Bachelor Exchange Courses
SBE Exchange Master	Bachelor Exchange Courses
SBE Non Degree Courses	Bachelor Courses