# Course Descriptions None 2025-2026

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| 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 | 2-2-2026 | 27-3-2026 | X | | X | | |

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|---|---|
| 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.<br>Learn the basic tools for making forecasts including software (E-Views).<br>Learn and understand methods to investigate dynamic characteristics of time-series data.<br>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 | <ul><li>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.</li><li>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.</li><li>An advanced level of English.</li></ul> |
| Transitional Regulations | TRANSITIONAL REGULATIONS <ul class="trcohorts"><li>Bachelor Economics and Business Economics - Economics and Management of Information [2024-2025 or earlier]</li><li>Bachelor Economics and Business Economics - International Business Economics [2024-2025 or earlier]</li></ul><ol><li>From 2025-2026 onwards, education and exam/resit opportunities are offered.<br />Alternative options may be available. See the Bachelor EER 2025-2026 Appendix I Article 16 for more information.</li></ol><table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2025-2026 onwards</td><td>X</td><td>X</td><td>See the Bachelor EER 2025-2026 Appendix I Article 16 for more information</td></tr></tbody></table> TRANSITIONAL REGULATIONS <ul class="trcohorts"><li>Bachelor Fiscal Economics</li></ul><ol><li>In 2024-2025, 2025-2026, and 2026-2027 education and exam/resit opportunities are offered.</li><li>In 2027-2028 exam/resit opportunities are offered.</li><li>From 2028-2029 onwards, the course is cancelled.</li></ol><table><col style="width: 200px;"><col style="width: 120px;"><col style="width: 120px;"><col><thead><tr><th>Academic Year</th><th>Education</th><th>Exam/Resit</th><th>Replacement(s)</th></tr></thead><tbody><tr><td>2024-2025 - 2026-2027</td><td>X</td><td>X</td><td> </td></tr><tr><td>2027-2028</td><td> </td><td>X</td><td> </td></tr><tr><td>2028-2029 onwards</td><td> </td><td> </td><td> </td></tr></tbody></table> |
| 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

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| 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 |