# Course Descriptions Exchange 2017-2018

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| Course Title | Supply Chain Research Methods |
| Course Code | EBC4088 |
| ECTS Credits | 6,5 |
| Assessment | None |

| Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|---|---|---|---|---|---|---|---|
| 2 | 30-10-2017 | 22-12-2017 | X | | | X | |
| 5 | 16-4-2018 | 8-6-2018 | X | | | X | |

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| Level | Advanced |
| Coordinator | Hans de Graaff, Andrés Perea y Monsuwé For more information:h.degraaff@maastrichtuniversity.nl; a.perea@maastrichtuniversity.nl |
| Language of instruction | English |
| Goals | At the end of this course, the students can use several quantitative techniques necessary for the management and improvement of the supply chain. |
| Description | This course focuses on mathematical techniques for managing and improving the supply chain. These techniques include data collection and analysis and forecasting techniques. Moreover, to streamline the supply chain several optimisation techniques from operations research are being taught. |
| Literature | Ragsdale, Cliff T., Managerial Decision Modeling, 6th international edition, North-Western Cengage Learning, 2007.<br>Hanke, John E. and Wichern, Dean W., Business Forecasting, 9th international edition, Pearson Education, 2009. |
| Prerequisites | Basics in linear programming, statistics and familiarity with Excel<br>An advanced level of English. |
| Teaching methods | PBL / Presentation / Assignment / Groupwork |
| Assessment methods | Attendance / 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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| Master Business Research | Methodology Electives |
| Master Business Research Track OR | Methodology Electives |
| Master International Business Specialisation Supply Chain Management | Compulsory Courses |
| SBE Exchange Master | Master Exchange Courses |
| SBE Non Degree Courses | Master Courses |