

Course Descriptions Exchange 2017-2018

Course Title Supply Chain Operations
 Course Code EBC4016
 ECTS Credits 6,5
 Assessment Whole/Half Grades

| Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|--------|----------|----------|-----|-----|-----|-----|-----|
| 4 | 5-2-2018 | 6-4-2018 | X/E | | X/E | | |

Level Advanced
 Coordinator Andre Berger For more information:a.berger@maastrichtuniversity.nl
 Language of instruction English

Goals Understanding the basic concepts of operations management in a supply chain context. Students will learn specific methods and techniques to model and solve problems in managing a firm's operations and learn about recent applications of such methods.

Description The course Supply Chain Operations deals with the design, management and improvement of the processes that create a firm's primary services and products. Topics include scheduling, facility layout, facility location, sales & operations planning, inventory control, and project management. The course combines theory and exercises with several cases and recent research articles from the manufacturing and service industry.

Literature Literature will consist of recent research articles as well as case studies that will be made available. A list of textbooks on Operations Management is given in the block book for additional reading/basic concepts.

Prerequisites Basic knowledge of statistics, probability and simulation; knowledge of Linear Programming and familiarity with Excel and the Solver plugin (as e.g. from the courses "Quantitative Methods" and "Operations Management" from the Bachelor International Business). A previous course on Operations Management will be useful. An advanced level of English.

Teaching methods PBL / Presentation / Lecture / Assignment / Papers / Groupwork

Assessment methods 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 | IB Electives |
| Master Business Research Track OR | IB Electives |
| Master Econometrics and OR | Other Electives |
| Master Human Decision Science | Electives |
| Master International Business Specialisation Accountancy | Electives |
| Master International Business Specialisation Controlling | Electives |
| Master International Business Specialisation Entrepreneurship and SME Management | Electives |
| Master International Business Specialisation Organisation: Management, Change and Consultancy | Electives |
| Master International Business Specialisation Strategic Corporate Finance | Electives |
| Master International Business Specialisation Strategy and Innovation | Electives |
| Master International Business Specialisation Supply Chain Management | Compulsory Courses |
| Master International Business Specialisation Sustainable Finance | Electives |
| SBE Exchange Master | Master Exchange Courses |
| SBE Non Degree Courses | Master Courses |