

## Course Descriptions NonDegree 2019-2020

Course Title Operations Management  
 Course Code EBC2064  
 ECTS Credits 6,5  
 Assessment Whole/Half Grades

| Period | Period | Start    | End        | Mon | Tue | Wed | Thu | Fri |
|--------|--------|----------|------------|-----|-----|-----|-----|-----|
| 1      |        | 2-9-2019 | 25-10-2019 | X   |     | X   |     |     |

Level Intermediate

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Language of instruction English

Goals Ability to understand and judge the role and functioning of quantitative models for decision making in the management of operations. Ability to use such models and derive managerial decisions. Ability to simulate real life situations and solve cases in the area of research. Ability to apply theoretical knowledge to practical (simulated) operational situations. Application of heuristic methods for solving operational problems.

Description The course focusses on the application of techniques in the area of Operations Management. Covered topics include forecasting, scheduling and aggregated planning, supply chain planning, capacity planning and inventory management. Addressing these topics, several quantitative techniques that have shown to be successful in these areas will be applied on examples and exercises. The course combines cases, exercises and discussions, facilitated by your tutor and the students themselves. Facilitations cover exercises, cases and the reading of research papers.

Literature Recommended reading:  
 \* "Management of Operations and Product Development", prepared by Grigoriev and Foubert (Maastricht University). McGraw-Hill Custom Publishing (not obligatory).  
 \* Various reading materials (e.g., research papers) and cases from the field of Operations Management.

Prerequisites Advanced knowledge of the role and scope of Operations Management within Business.  
 Advanced mathematical skills; ability to understand quantitative models and concepts, and apply these.  
 Moderate level of understanding of simulation.  
 An advanced level of English.  
 An advanced level of expertise in PBL(Project Based Learning).

From the above, it can be assumed that students taking this course have at the very minimum obtained the necessary knowledge in order to pass the course Management of Operations and Product Development (MOPD).

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

Assessment methods Participation / Written Exam / Assignment

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 International Business 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 Elective Course(s)                         |
| Bachelor Economics and Business Economics - International Business Economics        | Year 3 Business Elec(s) - Maj Inf Mgmt              |
| Bachelor Economics and Business Economics - International Business Economics        | Year 3 Business Elec(s) - Maj Macro                 |
| Bachelor Economics and Business Economics - International Business Economics        | Year 3 Business Elec(s) - Maj Micro                 |
| Bachelor Economics and Business Economics - International Business Economics        | Year 3 Core Course(s) - Maj SCM                     |
| Bachelor Econometrics and Operations Research                                       | Year 3 Elective Course(s)                           |
| Bachelor International Business - Emerging Markets                                  | Year 3 Elective Course(s)                           |
| Bachelor International Business   | Year 3 Business Elec(s) - Maj Accounting            |
| Bachelor International Business   | Year 3 Business Elec(s) - Maj Finance               |
| Bachelor International Business   | Year 3 Business Elec(s) - Maj Inf Mgmt              |
| Bachelor International Business   | Year 3 Business Elec(s) - Maj Marketing             |
| Bachelor International Business   | Year 3 Business Elec(s) - Maj Org                   |
| Bachelor International Business   | Year 3 Business Elec(s) - Maj Strategy              |
| Bachelor International Business   | Year 3 Core Course(s) - Maj SCM                     |
| SBE Exchange Bachelor   | Bachelor Exchange Courses                           |
| SBE Exchange Master   | Bachelor Exchange Courses                           |
| SBE Non Degree Courses  | Bachelor Courses                                    |