

Course Descriptions Bachelor 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

Coordinator Christof Defryn, Célia Paquay For more information: c.defryn@maastrichtuniversity.nl; c.paquay@maastrichtuniversity.nl

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