

## Course Descriptions Bachelor 2021-2022

Course Title Operations Management for Business Analytics

Course Code EBC2181

ECTS Credits 6,5

Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
5	11-4-2022	3-6-2022	X		X		

Level no level

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Language of instruction English

Goals

- \* Students are familiar with different problems that occur within operations management.
- \* Students can recognise different problems from the field of operations management, and can select and apply an appropriate solution technique.
- \* Students can give an appropriate interpretation to numbers that result from quantitative solution techniques and suggest appropriate actions.
- \* Students are familiar with operations management practices in industry.
- \* Students can give an appropriate interpretation to numbers that result from quantitative solution techniques.
- \* Students can work in multi-cultural teams to solve operations management 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.

Formative assessment: Feedback by tutor and peers during tutorial meetings

Summative assessment: Written exam and in-course assignments

Instructional approach: Tutorial meetings, guest lecture, in-course assignments

Literature

Prerequisites

Keywords

Teaching methods

Assessment methods

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

Bachelor Business Analytics

Year 2 Compulsory Course(s)