

Course Descriptions None 2019-2020

Course Title Methods and Methodology*
Course Code EBC4122
ECTS Credits 6,5
Assessment Whole/Half Grades

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

Level Advanced
Coordinator Tjark Vredevelde For more information:t.vredevelde@maastrichtuniversity.nl
Language of instruction

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 analysis and forecasting techniques. Moreover, to streamline the supply chain several optimisation techniques from operations research are being taught.
Language of instruction : English.

Literature C.T Ragsdale, Spreadsheet Modeling & Decision Analysis, 8th edition, 2018.
J.E. Hanke and D.W. Wichern, Business Forecasting, 9th edition, 2009.

Prerequisites Basics in linear programming, statistics and familiarity with Excel.

Teaching methods PBL / Presentation / Assignment / Groupwork

Assessment methods Final Paper / 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 Master Global Supply Chain Management and Change Compulsory Course(s)