

Course Descriptions Master 2020-2021

Course Title Supply Chain Research Methods
 Course Code EBC4088
 ECTS Credits 6,5
 Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
2	26-10-2020	11-12-2020	X			X	
5	12-4-2021	28-5-2021	X			X	

Level Advanced
 Coordinator Rudolf Müller For more information:r.muller@maastrichtuniversity.nl
 Language of instruction English

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 PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. THE INFORMATION PROVIDED HERE IS BASED ON THE COURSE SETUP PRIOR TO THE CORONAVIRUS CRISIS. AS A CONSEQUENCE OF THE CRISIS, COURSE COORDINATORS MAY BE FORCED TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS. PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. THE INFORMATION PROVIDED HERE IS BASED ON THE COURSE SETUP PRIOR TO THE CORONAVIRUS CRISIS. AS A CONSEQUENCE OF THE CRISIS, COURSE COORDINATORS MAY BE FORCED TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS.
 This course focuses on mathematical techniques for managing and improving the supply chain. These techniques include data collection and analysis and forecasting techniques. Moreover, to streamline the supply chain several optimisation techniques from operations research are being taught.

Literature Ragsdale, Cliff T., Spreadsheet Modeling and Decision Analysis, 8th edition, Cengage Learning, 2018.
 Hanke, John E. and Wichern, Dean W., Business Forecasting, 9th international edition, Pearson Education, 2009.

Prerequisites TRANSITIONAL REGULATION (EBC4088):
 Only for students who started one of the following programmes/specialisations prior to academic year 2020/21:
 * Master Business Research - No specialisation (Note: only if you are taking "Supply Chain Management" disciplinary courses!)
 * Master International Business - Supply Chain Management Education (last opportunity in 2020/21) + Exam/Resit (last opportunity in 2021/22)
 NOTE: You may replace this course with EBC4264

Teaching methods PBL / Presentation / Assignment / Groupwork
 Assessment methods Final Paper / Attendance / Participation / Written Exam / Presentation

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	Transitional Regulations	See prerequisites
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