Course Descriptions None 2018-2019

Course Title	Business Analysis
Course Code	EBC4104
ECTS Credits	6,5
Assessment	None

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	3-9-2018	26-10-2018		X		X	
4	4-2-2019	5-4-2019		X		X	

Level	Advanced
Coordinator	Alexander Grigoriev, Mathias Staudigl For more information:a.grigoriev@maastrichtuniversity.nl; m.staudigl@maastrichtuniversity.nl
Language of instruction	English
Goals	Knowledge of crucial theoretical tools for analysing the data and managerial decision making. Ability to translate a verbal fuzzy description of a business problem into the mathematical model.
Description	This course deals with a toolbox from econometrics and applied operations research. Particularly, the following quantitative methods are extensively discussed: 1. Forecasting 2. Regression analysis 3. Time series 4. Linear programming 5. Integer linear programming 6. Simulations 7. Multiobjective optimization Besides, students learn how to read manuscripts on the level of current scientific standards, and give presentations using the advanced quantitative reasoning in managerial decision making.
Literature	J.E. Hanke and D.W. Wichern, Business forecasting, International Edition, Pearson Education. C.T. Ragsdale, Managerial Decision Modeling, Thomson South-Western. Research papers.
Prerequisites	Moderate mathematical and statistical skills and ability to understand quantitative models and concepts. An advanced level of English.
Teaching methods	PBL / Presentation / Assignment / Papers / Groupwork
Assessment methods	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 Business Research	Methodology Electives
Master Business Research - Operations Research	Methodology Electives
Master International Business - Accountancy	Electives
Master International Business - Controlling	Electives
Master International Business - Entrepreneurship and SME Management	Electives
Master International Business - Information Management and Business Intelligence	Compulsory Courses
Master International Business - Organisation: Management, Change and Consultancy	Electives
Master International Business - Strategic Corporate Finance	Electives
Master International Business - Strategy and Innovation	Electives
Master International Business - Sustainable Finance	Electives
SBE Exchange Master	Master Exchange Courses
SBE Non Degree Courses	Master Courses