

Course Descriptions Master 2017-2018

Course Title	Business Analysis																															
Course Code	EBC4104																															
ECTS Credits	6,5																															
Assessment	Whole/Half Grades																															
Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri																								
	1	4-9-2017	27-10-2017		X		X																									
	4	5-2-2018	6-4-2018		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	<p>This course deals with a toolbox from econometrics and applied operations research. Particularly, the following quantitative methods are extensively discussed:</p> <ol style="list-style-type: none">1. Forecasting2. Regression analysis3. Time series4. Linear programming5. Integer linear programming6. Simulations7. Multiobjective optimization <p>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.</p>																															
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	<table><tr><td>Master Business Research</td><td>Methodology Electives</td></tr><tr><td>Master Business Research Track OR</td><td>Methodology Electives</td></tr><tr><td>Master International Business Specialisation Accountancy</td><td>Electives</td></tr><tr><td>Master International Business Specialisation Controlling</td><td>Electives</td></tr><tr><td>Master International Business Specialisation Entrepreneurship and SME Management</td><td>Electives</td></tr><tr><td>Master International Business Specialisation Information Management and Business Intelligence</td><td>Compulsory Courses</td></tr><tr><td>Master International Business Specialisation Organisation: Management, Change and Consultancy</td><td>Electives</td></tr><tr><td>Master International Business Specialisation Strategic Corporate Finance</td><td>Electives</td></tr><tr><td>Master International Business Specialisation Strategy and Innovation</td><td>Electives</td></tr><tr><td>Master International Business Specialisation Sustainable Finance</td><td>Electives</td></tr><tr><td>SBE Exchange Master</td><td>Master Exchange Courses</td></tr><tr><td>SBE Non Degree Courses</td><td>Master Courses</td></tr></table>								Master Business Research	Methodology Electives	Master Business Research Track OR	Methodology Electives	Master International Business Specialisation Accountancy	Electives	Master International Business Specialisation Controlling	Electives	Master International Business Specialisation Entrepreneurship and SME Management	Electives	Master International Business Specialisation Information Management and Business Intelligence	Compulsory Courses	Master International Business Specialisation Organisation: Management, Change and Consultancy	Electives	Master International Business Specialisation Strategic Corporate Finance	Electives	Master International Business Specialisation Strategy and Innovation	Electives	Master International Business Specialisation Sustainable Finance	Electives	SBE Exchange Master	Master Exchange Courses	SBE Non Degree Courses	Master Courses
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