

## Course Descriptions Master 2016-2017

Course Title Operations Research Software  
 Course Code EBS4008  
 ECTS Credits 4,0  
 Assessment Pass / Fail

Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
3		16-1-2017	27-1-2017	-				

Level Advanced  
 Coordinator Tjark Vredevelde For more information: [t.vredevelde@maastrichtuniversity.nl](mailto:t.vredevelde@maastrichtuniversity.nl)  
 Language of instruction English  
 Goals After this skill, the student knows what discrete event simulation is and can implement it in C++.  
 Description During this course, we introduce discrete event simulation. The students need to implement a discrete event simulation tool for a practical problem and be able to analyse the outcome of the simulations.  
 Literature Textbook on simulation; scientific articles.  
 Prerequisites Basic knowledge of Operations Research and Combinatorial Optimisation, programming skills (C++). An advanced level of English.  
 Teaching methods Presentation / Lecture / Assignment / Groupwork  
 Assessment methods Final Paper  
 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	Compulsory Skills
Master Business Research Track OR	Compulsory Skills
Master Econometrics and OR	Econometrics & OR Skill
Master Econometrics and OR	Operations Research
Master Economic and Financial Research Track Econometrics	Skills
Master Economic and Financial Research	Skills
SBE Exchange Master	Master Exchange Skills
SBE Non Degree Courses	Master Skills