

## Course Descriptions NonDegree 2018-2019

Course Title Operations Research Software  
 Course Code EBS4008  
 ECTS Credits 4,0  
 Assessment None

Period	Start	End	Mon	Tue	Wed	Thu	Fri
3	14-1-2019	25-1-2019	C				

Level Advanced  
 Coordinator Tjark Vredevelde For more information: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 a programming language.

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. 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 - Operations Research	Compulsory Skills
Master Econometrics and Operations Research	Econometrics & OR Skill
Master Econometrics and Operations Research	Operations Research
Master Economic and Financial Research - Econometrics	Skills
Master Economic and Financial Research	Skills
SBE Exchange Master	Master Exchange Skills
SBE Non Degree Courses	Master Skills