

## Course Descriptions NonDegree 2020-2021

Course Title Operations Research Software  
 Course Code EBS4008  
 ECTS Credits 4,0  
 Assessment Whole/Half Grades

Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
3		11-1-2021	22-1-2021	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 / 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

Master Business Research - Operations Research	Year 1 Compulsory Skill(s)
Master Econometrics and Operations Research	Elective Skill(s)
SBE Exchange Master	Master Exchange Skills
SBE Non Degree Courses	Master Skills