

## Course Descriptions None 2020-2021

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

| 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              |