

## Course Descriptions Bachelor 2019-2020

Course Title Orientation

Course Code EBS1008

ECTS Credits 4,0

Assessment Whole/Half Grades

Period	Period	Start	End	Mon	Tue	Wed	Thu	Fri
	1	2-9-2019	25-10-2019	C				
	2	28-10-2019	20-12-2019	C				
	4	3-2-2020	3-4-2020	C				
	5	14-4-2020	5-6-2020	C				
	6	15-6-2020	26-6-2020	C				

Level Introductory

Coordinator Hans de Graaff For more information: [h.degraaff@maastrichtuniversity.nl](mailto:h.degraaff@maastrichtuniversity.nl)

Language of instruction English

Goals In this course students will get a basic overview of the main problems, techniques and tools that they will encounter during the Bachelor Programme Econometrics & Operations Research. Students will learn various concepts and applications for practical problem solving, work with actual data, and get to know important software packages, especially for operations research and statistical analysis.

Description This course will be taught in every period except the 3rd. In each period the course covers one particular subfield of the study programme: operations research in period 1, mathematical economics in period 2, econometrics in period 4, and actuarial sciences in period 5. In period 6, a skills period, you will be introduced to a computer algebra tool. During lectures, tutorials and computer sessions students will get to know the basic concepts of each subfield, as well as a preview of the mathematical and statistical toolbox of social sciences, business management, economics and actuarial science.

Literature Readers and manuals.

Prerequisites Ordinary algebra and calculus, set theory, basic probability theory.

Teaching methods PBL / Presentation / Lecture / Assignment / Groupwork

Assessment methods Participation / Assignment

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

Bachelor Econometrics and Operations Research Year 1 Compulsory Skill(s)