# Course Descriptions None 2024-2025

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| Course Title | Orientation |
| Course Code | EBS1008 |
| ECTS Credits | 4,0 |
| Assessment | Whole/Half Grades |

Period

| Period | Start | End | Mon | Tue | Wed | Thu | Fri |
|---|---|---|---|---|---|---|---|
| 1 | 2-9-2024 | 20-10-2024 | C | | | | |
| 2 | 28-10-2024 | 15-12-2024 | C | | | | |
| 4 | 3-2-2025 | 30-3-2025 | C | | | | |
| 5 | 14-4-2025 | 8-6-2025 | C | | | | |
| 6 | 23-6-2025 | 6-7-2025 | C | | | | |

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| Level | Introductory |
| Coordinator | Alain Hecq, Andre Berger For more information:a.hecq@maastrichtuniversity.nl; a.berger@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.<br>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

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