

# Course Descriptions Master 2024-2025 DRAFT

Course Title Education and Labour Economics in a Digital World  
Course Code EBC4236  
ECTS Credits 5,0  
Assessment Whole/Half Grades

| Period | Start    | End       | Mon | Tue | Wed | Thu | Fri |
|--------|----------|-----------|-----|-----|-----|-----|-----|
| 4      | 3-2-2025 | 30-3-2025 |     |     |     |     |     |

Level Advanced  
Coordinator Lex Borghans For more information:lex.borghans@maastrichtuniversity.nl  
Language of instruction English

Goals Participants will acquire knowledge of economics of education, and economic theories of labour and skill formation, and learn to apply it to real-life problems. Students will acquire knowledge about the measurement of skills, how such measures can be used for educational policy making and their limitations.

Description In education and at work people acquire the skills that they need to proceed at school and are valuable for them throughout their career. New technologies change people's work environment, their learning process and the relevance of acquired skills. Based on economics of education and economic theories of labour and skill formation, this course discusses these developments and how they affect individual development, careers and productivity. We will study how education and work adjust to ongoing technological changes and how it generates inequalities and opportunities for specific groups in society. Theories discussed include human capital theory, school choice, supply and demand in the labour market and theories of technological change. A particular focus of the course is to apply these theories by analysing real-life issues arising in labour markets or education systems due to digitalisation. We also discuss how the relevant skills can be measured and how such measures can inform policy.

Literature  
Prerequisites This course is in transition.  
See the Master Education and Examination Regulations for more information.

The following rule applies to master Economics students who started the programme prior to academic year 2023-2024.  
Specifically, those with one of the following specialisations/majors:  
\* Digitalisation and the Future of Learning and Work  
\* No specialisation  
TRANSITIONAL REGULATION (EBC4236):  
In 2024-2025 students are allowed to repeat the examination and resit.

Keywords  
Teaching methods  
Assessment methods Written Exam  
Evaluation in previous academic year For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

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|---|---|-------------------------|
| This course belongs to the following programme / specialisation | Master Economics - Digitalisation and the Future of Learning and Work | Transitional Regulation |
|   | Master Economics - No specialisation                                  | Transitional Regulation |