

# MASTER OF SCIENCE IN BUSINESS ENGINEERING (DOUBLE DEGREE) (DATA ANALYTICS)

120 ECTS CREDITS - LANGUAGE: ENGLISH

## WHAT

A Double Degree Programme is defined as a jointly agreed upon curriculum in a 2-year, master's programme comprising of 120 ECTS, which includes periods at the home institution and periods at the host institution and leads to the award of the double degree.

Within the master in Business Engineering, several double degrees are possible, depending on the main subject:

- Master in Business Engineering – data analytics (Ghent University) & Master in Service Engineering and Management (University of Porto)
- Master in Business Engineering – data analytics (Ghent University) & Master of Innovation and Technology Management (University of Tartu)
- Master in Business Engineering – finance (Ghent University) & Master in Business Engineering – financial engineering (University of Liège)
- Master in Business Engineering – finance (Ghent University) & Master of Innovation and Technology Management (University of Tartu)
- Master in Business Engineering – operations management (Ghent University) & Master in Service Engineering and Management (University of Porto)
- Master in Business Engineering – operations management (Ghent University) & Master in Business Engineering – supply chain management (University of Liège)
- Master in Business Engineering – operations management (Ghent University) & Master of Innovation and Technology Management (University of Tartu)

## STRUCTURE

### University of Tartu – Ghent students

- Semester 1: Tartu
- Semester 2: Ghent
- Semester 3: Ghent
- Semester 4: Ghent

University of Tartu – Tartu students: [check the faculty website](#)

### University of Porto – Ghent students

- Semester 1: Ghent
- Semester 2: Ghent
- Semester 3: Porto
- Semester 4: Ghent

University of Porto – Porto students: [check the faculty website](#)

### University of Liège – Ghent students

- Semester 1: Liège
- Semester 2: Liège
- Semester 3: Ghent
- Semester 4: Ghent

University of Liège – Liège students: [check the faculty website](#)

## LABOUR MARKET

A Business Engineering diploma leads to various career paths. With their strong foundation in business economics, their broad knowledge of new technologies and their strong focus on quantitative analytics in production, services, logistics, marketing and finance, business engineers understand how to improve the efficiency of the various links in a company's logistic chain better than anyone else. Our graduates end up in jobs where they will deal with managing production processes and services, with analytical and quantitative tasks to improve a company's overall efficiency. As bridge builders between business economists and engineers, they are able to optimise the decision-making process at the various levels of a company, ranging from operational decisions on the work floor to strategic decisions at board level. As economic agents, they are familiar with the company processes in order to perform cost price calculations, but as engineers they also have a much wider view of the company's logistic processes and its potential for improvement. With their essential knowledge of the latest technologies and their strong background in business analytics, business engineers rely on state-of-the-art ICT concepts to optimise business processes. This essential skill is embedded in almost every course unit in the Business Engineering curriculum and will be key in today's modern international business strategy.

Some specific examples of jobs our graduates in Business Engineering pursue: production manager, logistics director, production planning expert, business consultant, business analyst, process engineer, research & development manager and customer relations manager.

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## LANGUAGE REQUIREMENTS

Language requirements Dutch: no language requirements  
English: CEFR level B2

## PRACTICAL INFORMATION

### Study programme

[studiekiezer.ugent.be/master-of-science-in-business-engineering-double-degree-data-analytics-en/programma](https://studiekiezer.ugent.be/master-of-science-in-business-engineering-double-degree-data-analytics-en/programma)

### Information sessions

#### Graduation Fair

[afstudeerbeurs.gent/en/students/further-studies](https://afstudeerbeurs.gent/en/students/further-studies)

### Enrolling institution

Selected students will be enrolled by the programme coordinator.

### Tuition fee

More information is to be found on: [www.ugent.be/tuitionfee](https://www.ugent.be/tuitionfee)

## Contact

For students from Ghent University: [internationalLeb@ugent.be](mailto:internationalLeb@ugent.be)

For students from University of Tartu, University of Porto, Université de Liège: **international office of the home institution**

For students who wish to enrol in this master based on a

Flemish degree: <https://www.ugent.be/eb/nl>

For students who wish to enrol in this master based on a non-

Flemish degree: <https://www.ugent.be/eb/en>