

UNIVERSITÉ LIBRE DE BRUXELLES
Solvay Brussels School of Economics and Management
and
POLITECNICO DI MILANO
School of Industrial and Information Engineering
DOUBLE MASTER DEGREE in BUSINESS ENGINEERING

Dual Degree General Requirements

A maximum of 5 students per Academic Year from each university will take part in the programme.

In the selection process, the following dimensions will be taken into account: overall academic track record, strong scientific and engineering background, proficiency with quantitative analysis techniques, excellent motivation, and fluency in English.

The course programme must account for **180 ECTS** to be achieved in the course of the five semesters (degree programme details are indicated in the section below).

Thesis Requirements

The Master thesis is to be a scientific work, which will be assessed along the following dimensions: clarity and novelty of the research question, quality and completeness of the literature review, quality of the data and facts, overall scientific quality, adequacy and rigour of the analysis, originality and relevance of the findings or recommendations, and quality of the written and oral presentations. The dissertation defense, to be held at the institution of origin, will be converted into the host institution grading scale according to commonly agreed conversion scales, as listed below.

For further information on the thesis work, please look at the Management Engineering [website](#).

Dual Degree Programme Structure

Please note: course offerings at both institutions may vary in time. Should this occur, appropriate substitutes will be found with the support of the Academic Advisors

<u>ULB students</u>	<u>PoliMi Students</u>
<p>1st year at ULB – 70 ECTS</p> <p><u>1st semester:</u></p> <ul style="list-style-type: none"> • Advanced Accounting (5 ECTS) • Advanced Marketing (5 ECTS) • Corporate Valuation and Financing (5 ECTS) • Strategy and Strategy Execution (5 ECTS) • Multivariate Statistical Analysis (5 ECTS) • Operations and Digital business (5 ECTS) • Banking and Asset Management (5 ECTS) <p><u>2nd semester:</u></p> <ul style="list-style-type: none"> • Seminar of Business Strategy (5 ECTS) • Organizational Behaviour & Leadership (5 ECTS) • 2 courses to be chosen in one specialization module (10 ECTS) • 2 courses to be chosen in the « CEO Agenda » (10 ECTS) • One Field Project to be chosen (5 ECTS) 	<p>1st year at PM – 70 ECTS</p> <p>60 ECTS among any of the following (according to the specialization track rules):</p> <ul style="list-style-type: none"> • Quality Data Analysis (10 ECTS) • Operations Management (10 ECTS) • Logistics Management (10 ECTS) • Industrial Technologies (10 ECTS) • Business and Industrial Economics (10 ECTS) • Leadership and Innovation (10 ECTS) • Accounting Finance and Control (10 ECTS) • Strategy & Marketing (10 ECTS) <p>Plus 10 ECTS from any course of the specialization tracks (FREE credits)</p>
<p>2nd year at PM – 70 ECTS</p> <p>30 ECTS to be chosen among any of the following:</p> <ul style="list-style-type: none"> • Quality Data Analysis (10 ECTS, available at 2nd semester) • Operations Management (10 ECTS, available both at 1st and 2nd semester) • Logistics Management (10 ECTS, available both at 1st and 2nd semester) • Industrial Technologies (10 ECTS, available both at 1st and 2nd semester) • Business and Industrial Economics (10 ECTS, available at 2nd semester) • Leadership and Innovation (10 ECTS, available at 2nd semester) • Accounting Finance and Control (10 ECTS, available at 1st semester) • Elective course (5 ECTS) <p>One specialization track/Major (35 ECTS) to be chosen among any of the 14 available (courses available during 1st and 2nd semester):</p> <p>Analytics for Business Business Strategy and Transformation Circular Economy Complex Projects Business Digital Business Innovation Energy Management Entrepreneurship Finance Industry 4.0 Industrial Management Innovation Management International Business Supply Chain Management Sustainability and Social Impact</p>	<p>2nd year at ULB – 70 ECTS</p> <p><u>1st semester:</u></p> <ul style="list-style-type: none"> • Advanced Accounting (5 ECTS) • Business Intelligence and Data Science (5 ECTS) • Field Project (5 ECTS) • Seminar of Business Strategy (5 ECTS) • New Business Seminar (5 ECTS) • Banking and Asset Management (5 ECTS) <p><u>2nd semester:</u></p> <ul style="list-style-type: none"> • 3 courses to be chosen in the CEO agenda (15 ECTS), of which one (5 ECTS) can be replaced by a French course • One specialization track among the following (25 ECTS): <ul style="list-style-type: none"> ○ Finance ○ Audit & Control ○ Entrepreneurship & Innovation

3rd year (5th semester) at PM – 40 ECTS

- Internship (25 ECTS)
- Master Thesis (15 ECTS)

3rd year (5th semester) at ULB – 40 ECTS

- Internship (25 ECTS)
- Master Thesis (15 ECTS)