

Faculty of Economics and Business Administration

Master of Science in Business Engineering (Double Degree) -- Finance

Language of instruction: English

Programme version 4

1 General Courses

Subscribe to the 1 module from the following list. Subject to approval by the faculty.

1.1 With the Master in Business Engineering (University of Liège) 120 credits

1.1.1 First year (University of Liège) 60 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F001070 Financial Mathematics and Stochastic Calculus <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5		1	A:2	150
2	F001071 Investments and Portfolio Management <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5		1	A:2	150
3	F001049 Business Analytics <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5		1	A:2	150
4	F001050 Scientific Methods in Management <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5		1	A:J	150
5	F001052 International Strategy <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5		1	A:1	150

1.1.1.1 Elective

Subscribe to 35 credit units from the following list, with

- 10 credit units from the courses with reference a,
- 5 credit units from the courses with reference b,
- 10 credit units from the courses with reference c,
- 10 credit units from the courses with reference d.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F001055 International Business Engineering Seminar <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	a	1	A:1	150
2	F001056 International Marketing Seminar <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	a	1	A:1	150
3	F001057 E-commerce Methods and Techniques <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	a	1	A:1	150
4	F001058 Environmental Management <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	a	1	A:1	150
5	F001059 Sustainable Finance <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	b	1	A:2	150
6	F001060 Life Cycle Management <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	b	1	A:2	150

7	F001061	Reporting and Metrics for Sustainability <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	b	1	A:2	150
8	F001062	Information Technology Management <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	c	1	A:2	150
9	F001063	Forecasting and Microsimulation <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	c	1	A:2	150
10	F001064	Projects Technologiques Innovants <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	c	1	A:2	150
11	F001072	Advanced Statistical Methods in Finance <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	d	1	A:1	150
12	F001073	Empirical Methods in Financial Markets <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	d	1	A:1	150
13	F001074	Energy Markets and Regulation <i>External Lecturer -- University of Liège</i> Indicative price: unknown	5	d	1	A:1	150

1.1.2 Second year (Ghent University)

60 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000700 Managing Service Organisations <i>Kaat De Pourcq -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 10	4		2	B:2	120
2	F000897 Enterprise Architecture <i>Geert Poels -- Department of Business Informatics and Operations Management</i> Indicative price: € 10	4		2	A:1	120
3	F000898 Business Valuation <i>Leentje Moortgat -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 40	4		2	A:2	120
4	F000778 Business Process Management <i>Michaël Verdonck -- Department of Business Informatics and Operations Management</i> Indicative price: € 0	4		2	A:2	120
5	F000704 Financing High Tech Entrepreneurial Companies <i>Miguel Meuleman -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 0	4		2	B:1	120
6	F000891 Technology Entrepreneurship <i>Johan Verrue -- Department of Marketing, Innovation and Organisation</i> Indicative price: unknown	4		2	A:1	120
7	F000722 Management of Financial Institutions <i>Rudi Vander Vennet -- Department of Economics</i> Indicative price: € 0	6		2	B:1	180
8	F000717 Financial Risk Management <i>Frank De Jonghe -- Department of Economics</i> Indicative price: unknown	6		2	A:1	180

1.1.2.1 Master's Dissertation

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000612 Master's Dissertation Indicative price: € 0	24		2	A:J	720

1.2 With the Master of Innovation and Technology Management (University of Tartu)

1.2.1 First year - first semester (University of Tartu)

30 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F001065 Innovation Management <i>External Lecturer -- University of Tartu</i> Indicative price: unknown	6		1	A:1	180

2	F001066	Business Analysis <i>External Lecturer -- University of Tartu</i> Indicative price: unknown	6	1	A:1	180
3	F001067	Innovative Organization and Entrepreneurship <i>External Lecturer -- University of Tartu</i> Indicative price: unknown	6	1	A:1	180
4	F001068	Requirement Engineering <i>External Lecturer -- University of Tartu</i> Indicative price: unknown	6	1	A:1	180
5	F001069	Business Growth Strategies <i>External Lecturer -- University of Tartu</i> Indicative price: unknown	6	1	A:1	180

1.2.2 First year - second semester (Ghent University)

29 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000896 Technology for the Circular Economy <i>Ramon Ganigüé -- Department of Biotechnology</i> Indicative price: € 0	5		1	A:2	150
2	F000671 Human Resources Management <i>Dirk Buyens -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 70	5		1	A:2	150

1.2.2.1 Courses related to Finance

[Subscribe to 14 credit units from the following list.](#)

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000890 Financial Modelling <i>Klaas Mulier -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 0	6		1	A:2	180
2	F000943 Advanced Investment Analysis <i>Michael Frömmel -- Department of Economics</i> Indicative price: € 30	4		1	A:2	120
3	F000900 Topics in Advanced Corporate Finance <i>Luc Renneboog -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 0	4		1	A:2	120
4	F000901 Corporate Finance Research Project <i>Virginie Matalgne -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 0	4		1	A:2	120
5	F000789 Advanced Asset Allocation <i>Koen Inghelbrecht -- Department of Economics</i> Indicative price: € 0	4		1	A:2	120

1.2.2.2 Elective: Master in Business Engineering Finance

[Subscribe to 5 credit units from module 3, distributed over the first standard learning path as follows: 5 credit units in year 1.](#)

[Elective Course of the master in Business Engineering Finance](#)

<https://studiekiezer.ugent.be/master-of-science-in-business-engineering-finance-en/programma>

1.2.3 Second year (Ghent University)

61 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000778 Business Process Management <i>Michaël Verdonck -- Department of Business Informatics and Operations Management</i> Indicative price: € 0	4		2	A:2	120
2	F000704 Financing High Tech Entrepreneurial Companies <i>Miguel Meuleman -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 0	4		2	B:1	120
3	F000683 Investment Analysis <i>Michael Frömmel -- Department of Economics</i> Indicative price: € 30	6		2	A:1	180
4	F000898 Business Valuation <i>Leentje Moortgat -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 40	4		2	A:2	120
5	F001006 Management Accounting and Control <i>Sophie Maussen -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 37	4		2	A:2	120

6	F000717	Financial Risk Management <i>Frank De Jonghe -- Department of Economics</i> Indicative price: unknown	6	2	A:1	180
7	F000722	Management of Financial Institutions <i>Rudi Vander Venet -- Department of Economics</i> Indicative price: € 0	6	2	B:1	180

1.2.3.1 Master's dissertation

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000612 Master's Dissertation Indicative price: € 0	24		2	A:J	720

1.2.3.2 Elective: Master in Business Engineering Finance

Subscribe to 3 credit units from module 3, distributed over the first standard learning path as follows: 3 credit units in year 2.

[Elective Course of the master in Business Engineering Finance](#)

(<https://studiekiezer.ugent.be/master-of-science-in-business-engineering-finance-en/programma>)

Programme related study costs

None

Teaching

When a course is not taught (solely) in the programme's language of instruction, the effectively used languages are indicated in square brackets following the course name, using the following ISO codes:

bg: Bulgarian	de: German	es: Spanish	ja: Japanese	pl: Polish	sh: Croatian/Serbian	zh: Chinese
cs: Czech	el: Greek	fr: French	nl: Dutch	pt: Portuguese	sl: Slovene	
da: Danish	en: English	it: Italian	no: Norwegian	ru: Russian	sv: Swedish	

Semester

Semesters are indicated by their number (1 or 2); semester 3 represents the summer period and J indicates a course spanning semesters 1 and 2. When a capital letter precedes a semester number, the course has multiple offerings. The letter indicates the offering concerned.

When a semester is shown in brackets, the course is not offered this year in the specific offering.

The offering frequency and first year of offering are indicated by the following codes:

a: bi-annually	c: annually, from 2026-2027	f: annually, from 2027-2028	i: annually, from 2028-2029
b: tri-annually	d: bi-annually, from 2026-2027	g: bi-annually, from 2027-2028	j: bi-annually, from 2028-2029
	e: tri-annually, from 2026-2027	h: tri-annually, from 2027-2028	k: tri-annually, from 2028-2029

Learning materials

The prices stated are indicative and subject to fluctuations.

The list of learning materials per course unit can be found in the course sheets.