

Faculty of Economics and Business Administration

Preparatory Course Master of Science in Business Engineering

Language of instruction: English

Programme version 5

1 General Courses

Subscribe to 1 module depending on the previous education from the following list. Subject to approval by the faculty.

1.1 Holders of a Bachelor's Degree in Economics

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000759 Data Mining <i>Dries Benoit -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 0	5		1	A:1	150
2	F000242 Operations Management <i>Veronique Limère -- Department of Business Informatics and Operations Management</i> Indicative price: € 100	6		1	A:1	180
3	F000923 Database Systems [en, nl] <i>Seppe vanden Broucke -- Department of Business Informatics and Operations Management</i> Indicative price: € 65	6		1	A:1	180
4	F000423 Operations Research <i>Broos Maenhout -- Department of Business Informatics and Operations Management</i> Indicative price: € 60	7		1	A:1	210
5	F000533 Econometrics <i>Gerdie Everaert -- Department of Economics</i> Indicative price: € 0	5		1	A:2	150

1.1.1 Elective Courses

Subscribe to no more than 34 credit units from the following list. Subject to approval by the faculty.

Depending on the student's degree and the acquired competences the Curriculum Committee determines which courses are included in the student's program.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000463 Mathematics II (A) [nl] <i>Steven Freson -- Department of Mathematics, Computer Science and Statistics</i> Indicative price: € 9	3		1	A:1	90
2	F000762 Mathematics II (B) [nl] <i>Steven Freson -- Department of Mathematics, Computer Science and Statistics</i> Indicative price: € 15	4		1	A:2	120
3	F000165 Physics [nl] <i>Christophe Detavernier -- Department of Solid State Sciences</i> Indicative price: € 100	5		1	A:2	150
4	F000903 Chemistry [nl] <i>Katrien Strubbe -- Department of Chemistry</i> Indicative price: € 512	4		1	A:2	120
5	F000888 Algorithms and Data Structures <i>Frederik Gailly -- Department of Business Informatics and Operations Management</i> Indicative price: € 60	4		1	E:1	120
6	F000917 Electrical and Electronics Engineering [nl, en] <i>Jan Dautreloigne -- Department of Electronics and Information Systems</i> Indicative price: € 0	3		1	A:2, E:2	90
7	F000265 Materials Science [nl] <i>Patricia Verleysen -- Department of Electromechanical, Systems and Metal Engineering</i> Indicative price: unknown	3		1	A:2	90

8	C003080	Programming <i>Peter Dawyndt -- Department of Mathematics, Computer Science and Statistics</i> Indicative price: € 0	5	UKV	1	C:1	150
9	F000921	Mechanical Engineering [nl] <i>Patrick De Baets -- Department of Electromechanical, Systems and Metal Engineering</i> Indicative price: € 63	3		1	A:1	90
10	F000922	Civil Engineering [nl] <i>Geert De Schutter -- Department of Structural Engineering and Building Materials</i> Indicative price: € 45	3		1	A:1	90
11	C004198	Mathematics <i>Marianna Chatzakou -- Department of Mathematics: Analysis, Logic and Discrete Mathematics</i> Indicative price: unknown	6		1		165
12	C004199	Physics <i>Bartel Van Waeyenberge -- Department of Solid State Sciences</i> Indicative price: € 90	5		1	A:2	150
13	C004200	Chemistry <i>Steven Nolan -- Department of Chemistry</i> Indicative price: € 0	5		1	A:2	125

1.2 Holders of Another Bachelor's Degree

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000533 Econometrics <i>Gerdie Everaert -- Department of Economics</i> Indicative price: € 0	5		1	A:2	150
2	F000759 Data Mining <i>Dries Benoit -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 0	5		1	A:1	150
3	F000242 Operations Management <i>Veronique Limère -- Department of Business Informatics and Operations Management</i> Indicative price: € 100	6		1	A:1	180
4	F000923 Database Systems [en, nl] <i>Seppe vanden Broucke -- Department of Business Informatics and Operations Management</i> Indicative price: € 65	6		1	A:1	180
5	F000423 Operations Research <i>Broos Maenhout -- Department of Business Informatics and Operations Management</i> Indicative price: € 60	7		1	A:1	210
6	F001011 Marketing Fundamentals <i>Katrien Verleye -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 25	5		1	A:2	150
7	F000132 Corporate Finance <i>Virginie Mataigne -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 59	6		1	A:2	180

1.2.1 Elective Courses

Subscribe to no more than 37 credit units from the following list. Subject to approval by the faculty. Depending on the student's degree and the acquired competences the Curriculum Committee determines which courses are included in the student's program.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000494 Economics (A) [nl] <i>Koen Schoors -- Department of Economics</i> Indicative price: € 60	4		1	A:1	120
2	F000471 Economics (B) [nl] <i>Koen Schoors -- Department of Economics</i> Indicative price: € 60	5		1	A:2	150
3	F000479 Financial Statement Analysis [nl] <i>Heidi Vander Bauwhede -- Department of Accounting, Corporate Finance and Taxation</i> Indicative price: € 60	5		1	A:1	150
4	F000863 International Business Class <i>Yann Dekeyser -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 50	3		1	A:1	90
5	F000853 Analytical Accounting and Cost Accounting [nl] <i>Sophie Hoozée -- Department of Accounting, Corporate Finance and Taxation</i>	5		1	A:2	150

		Indicative price: € 55				
6	F000551	Business Skills <i>Mieke Audenaert -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 46	4	1	C:2	120
7	F000855	Organization Theory <i>Gosia Kozusznik -- Department of Marketing, Innovation and Organisation</i> Indicative price: € 46	4	1	A:2	120
8	F000851	Research Methods I <i>Wendy Van Lippevelde -- Department of Marketing, Innovation and Organisation</i> Indicative price: unknown	3	1	A:2	90
9	F000888	Algorithms and Data Structures <i>Frederik Gailly -- Department of Business Informatics and Operations Management</i> Indicative price: € 60	4	1	E:1	120
10	F000916	Economics <i>Samuel Standaert -- Department of Economics</i> Indicative price: € 0	5	1	A:2	150

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 2025-2026	f: annually, from 2026-2027	i: annually, from 2027-2028
b: tri-annually	d: bi-annually, from 2025-2026	g: bi-annually, from 2026-2027	j: bi-annually, from 2027-2028
	e: tri-annually, from 2025-2026	h: tri-annually, from 2026-2027	k: tri-annually, from 2027-2028

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.