

Faculty of Economics and Business Administration

Master of Science in Economics

Language of instruction: English

Programme version 9

## 1 General Courses 18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000628 Microeconomics: Decision Theory <i>Dirk Van de gaer -- Department of Economics</i>	6		1	B:1	180
2	F000636 Macroeconomics: Business Cycles, Innovation and Growth <i>Freddy Heylen -- Department of Economics</i>	6		1	A:1	180
3	F000676 Econometrics: Time Series Analysis <i>Gerdie Everaert -- Department of Economics</i>	6		1	A:1	180

## 2 Majors 18 credits

Subscribe to 18 credit units from 1 major from the following list. Subject to approval by the faculty.

### 2.1 Major Financial Institutions and Markets

Subscribe to 18 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000681 Economics of Banking <i>Rudi Vander Venet -- Department of Economics</i>	6		1	A:1	180
2	F000764 Economics of Financial Markets <i>William De Vijlder -- Department of Economics</i>	6		1	A:1	180
3	F000683 Investment Analysis <i>Michael Frömmel -- Department of Economics</i>	6		1	A:1	180
4	F000677 Institutional Economics <i>Koen Schoors -- Department of Economics</i>	6		1	B:2	180
5	F000568 Monetary Policy <i>Selien De Schryder -- Department of Economics</i>	6		1	A:1	180

### 2.2 Major Economic Policy

Subscribe to 18 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000684 Public Economics <i>Dirk Van de gaer -- Department of Economics</i>	6		1	A:2	180
2	F000685 Fiscal Policy <i>Yasin Kursat Önder -- Department of Economics</i>	6		1	A:2	180
3	F001013 Energy and Climate Policy <i>Johan Albrecht -- Department of Economics</i>	6		1	A:1	180
4	F001026 Contemporary Issues in International Economics <i>Ilse Ruysen -- Department of Economics</i>	6		1	A:1	180
5	F000568 Monetary Policy <i>Selien De Schryder -- Department of Economics</i>	6		1	A:1	180
6	F000677 Institutional Economics <i>Koen Schoors -- Department of Economics</i>	6		1	B:2	180
7	F000300 Social Policy <i>Elsy Verhofstadt -- Department of Economics</i>	6		1	A:2	180

## 3 Elective Courses 6 credits

Subscribe to 6 credit units from 1 module from the following list. Subject to approval by the faculty.

### 3.1 Elective courses

Subscribe to 6 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F001026 Contemporary Issues in International Economics <i>Ilse Ruysen -- Department of Economics</i>	6		1	A:1	180
2	F001013 Energy and Climate Policy <i>Johan Albrecht -- Department of Economics</i>	6		1	A:1	180
3	F000681 Economics of Banking <i>Rudi Vander Vennet -- Department of Economics</i>	6		1	A:1	180
4	F000764 Economics of Financial Markets <i>William De Vijlder -- Department of Economics</i>	6		1	A:1	180
5	F000683 Investment Analysis <i>Michael Frömmel -- Department of Economics</i>	6		1	A:1	180
6	F000684 Public Economics <i>Dirk Van de gaer -- Department of Economics</i>	6		1	A:2	180
7	F000685 Fiscal Policy <i>Yasin Kursat Önder -- Department of Economics</i>	6		1	A:2	180
8	F000300 Social Policy <i>Elsy Verhofstadt -- Department of Economics</i>	6		1	A:2	180

### 3.2 Elective courses list

Subscribe to 6 credit units from the following list.

Nr	Course	CRDT	Ref	MT1	Session	Study
1	K001480 Grand Strategy and the Multipolar World <i>Sven Biscop -- Department of Political Sciences</i>	5		1	A:1	150
2	F001102 Strategic Planning in the Public Sector <i>Bishoy Zaki -- Department of Public Governance and Management</i>	6		1	B:1	150
3	F000935 Ecological Economics <i>Brent Bleys -- Department of Economics</i>	6		1	A:2	180
4	F000629 Labour Law and Social Security Law [nl] <i>Inger De Wilde -- Department of Criminology, Criminal Law and Social Law</i>	6		1	A:2	180
5	I002685 Legal Framework for Environmental Technology [nl] <i>Hildegard Deweerdt -- Department of Agricultural Economics</i>	6		1	A:1	180
6	F000627 Transport Economics [nl] <i>Jochen Maes -- Department of Economics</i>	6		1	A:2	180
7	F000648 Economics and Ethics [nl, en] <i>Johan Albrecht -- Department of Economics</i>	6		1	A:1	180
8	F000889 Internship [nl, en] <i>Frederik Gailly</i>	6		1	A:J	180
9	F000181 Economics of Development <i>Wannes Slosse -- Department of Agricultural Economics</i>	6		1	A:1	180
10	F000686 Advanced Macroeconomics: Equilibrium and Dynamics <i>Freddy Heylen -- Department of Economics</i>	6		1	(B:2) <sup>d</sup>	180
11	F001007 Advanced Microeconomics: Game Theory [en, nl] <i>Dirk Van de gaer -- Department of Economics</i>	6		1	A:1	180
12	F000687 Advanced Econometrics: Non-Linear Methods <i>Gerdie Everaert -- Department of Economics</i>	6		1	A:2	180
13	F000920 Networks in Socio-Economic Systems <i>Luis Enrique Correa da Rocha -- Department of Economics</i>	6		1	A:2	180
14	F000761 Research Seminar <i>Gerdie Everaert -- Department of Economics</i>	12		1	A:2	360
15	H002476 Powerful Learning Environments [nl] <i>Bram De Wever -- Department of Educational Studies</i>	6		1	A:1	180
16	H002478 The Student: Development and Motivation [nl] <i>Wim Beyers -- Department of Developmental, Personality and Social Psychology</i>	6		1	A:1	180
17	H002477 The Teacher within Class, School and Society [nl] <i>Melissa Tuytens -- Department of Educational Studies</i>	6		1	A:2	180

18	K001367	EU and Global Justice	6	1	A:1	180
19	F000982	Complexity Economics and Agent-Based Modelling <i>Luis Enrique Correa da Rocha -- Department of Economics</i>	6	1	A:2	180
20	F001004	Advanced Topics in International Macroeconomics <i>Yasin Kursat Önder -- Department of Economics</i>	6	1		180
21	F001005	Quantitative Methods for Dynamic Economics <i>Yasin Kursat Önder -- Department of Economics</i>	6	1	A:2 <sup>a</sup>	180
22	C004618	Python for Data Analysis <i>Koen Plevoets -- Department of Mathematics, Computer Science and Statistics</i>	3	1	A:1	90
23	C004413	Causal Machine Learning <i>Stijn Vansteelandt -- Department of Mathematics, Computer Science and Statistics</i>	5	1	A:2	150
24	F000918	Deep Learning <i>Seppe vanden Broucke -- Department of Business Informatics and Operations Management</i>	6	1		180
25	C004545	Bayesian Statistics <i>Koen De Turck -- Department of Telecommunications and Information Processing</i>	5	1	A:2	150

## 4 Master's Dissertation

18 credits

Nr	Course	CRDT	Ref	MT1	Session	Study
1	F000613 Master's Dissertation	18		1	B:J	540

### 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 2027-2028	f: annually, from 2028-2029	i: annually, from 2029-2030
b: tri-annually	d: bi-annually, from 2027-2028	g: bi-annually, from 2028-2029	j: bi-annually, from 2029-2030
	e: tri-annually, from 2027-2028	h: tri-annually, from 2028-2029	k: tri-annually, from 2029-2030