

#### Cycle view of the study programme

B1 Or Th Pr Au Cr

##### Focus compulsory courses (B1 : 15Cr, B2 : 15Cr)

FINA0052-1	<i>Financial Derivatives</i> (english language) - Patrick SCHWARZ	B1	Q2	30	-	-	5
MQGE0007-1	<i>Financial Mathematics and Stochastic Calculus</i> (english language) - Elise VANDOMME	B1	Q2	30	-	-	5
FINA0053-1	<i>Investments and Portfolio Management</i> (english language) - Georges HÜBNER, Patrick SCHWARZ	B1	Q2	30	-	-	5
FINA0064-1	<i>Financial Risk Modeling</i> (english language) - Julien HAMBUECKERS	B2	Q1	30	-	-	5

##### Focus optional courses (B2 : 10Cr)

Choose two courses out of the following : (B2 : 10Cr)

FINA0065-1	<i>Advanced Corporate Finance and Modeling</i> (english language) - Marie LAMBERT - Suppl : Jürgen HANSSENS, Alexandre SCIVOLETTO <b>Prerequisite :</b> FINA0050-1 - Corporate Finance - Lectures and Seminars FINA0052-1 - Financial Derivatives FINA0053-1 - Investments and Portfolio Management	B2	Q1	30	-	-	5
FINA0085-1	<i>Ethics, Regulation, and Compliance in Finance</i> (english language) - Yves FRANCIS	B2	Q1	30	-	-	5
FINA0063-1	<i>Advanced Statistical Methods in Finance</i> (english language) - Julien HAMBUECKERS	B2	Q1	30	-	-	5
FINA0060-1	<i>Empirical Methods in Financial Markets - Theory and Applications</i> (english language) - Cédric HEUCHENNE	B2	Q1	30	-	-	5
FINA9013-1	<i>Strategic Financial Analysis</i> (english language) - Marie LAMBERT - Suppl : Alexandre SCIVOLETTO - [30h AUTR]	B2	Q1	-	-	[+]	5

Notice : access on file

##### Pre-requisite (B1 : 4Cr)

Notice : Students admitted on the basis of an application for the *Science and Technology* focus may be requested, depending on their prior academic studies, to attend the following complementary courses:

GEST5001-1	<i>Integration activities in science and technology - part 1</i> - Pierre DENEYE - [8d Proj.]	B1	TA	-	-	[+]	2
GEST5002-1	<i>Integration activities in science and technology - part 2</i> - Pierre DENEYE - [8d Proj.]	B1	TA	-	-	[+]	2

Notice : students admitted on the basis of an application at the end of the Digital Business track of the Supply Chain Management and Business Analytics focus may be requested, depending on their prior academic studies, to attend the following complementary courses:

GEST5003-1	<i>Integration activities in digital business - part 1</i> - Michael SCHYNS - [8d Proj.]	B1	TA	-	-	[+]	2
GEST5004-1	<i>Integration activities in digital business - part 2</i> - Michael SCHYNS - [8d Proj.]	B1	TA	-	-	[+]	2

##### Core curriculum compulsory courses (B1 : 10Cr, B2 : 11Cr)

INFO2048-1	<i>Business Analytics</i> (english language) - Michael SCHYNS	B1	Q2	30	-	-	5
GEST7105-1	<i>Scientific Methods in Management</i> (english language) - Frédéric DUFAYS	B1	TA	30	-	-	5
GPRO0002-1	<i>Skills workshops</i> - David HOMBURG, Giseline RONDEAUX	B2	TA	-	-	-	5
GEST3753-1	<i>Business Ethics and Corporate Social Responsibility</i> (english language) - Virginie XHAUFLAIR	B2	Q1	24	-	-	4
GEST7004-1	<i>Master Thesis Methodology</i> (english language) - Frédéric DUFAYS	B2	Q1	12	-	-	2

**Prerequisite :**

GEST6001-1 - Preparation for Master Thesis and Internship

**Common core courses (B1 : 35Cr, B2 : 34Cr)**

**Choose one of the following modules : (B1 : 20Cr)**

**Module 1 (aimed at internationally mobile students) (B1 : 20Cr)**

ERAS0017-1	<i>Erasmus HEC (MIG) - N...</i>	B1	-	-	-	-	<b>20</b>
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**Module 2 (B1 : 20Cr)**

GEST7108-1	<i>Leadership (english language) - Michaël PARMENTIER</i>	B1	Q1	30	-	-	<b>5</b>
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GEST3029-1	<i>International Strategy (english language) - Nathalie CRUTZEN, Anthony SANTINO</i>	B1	Q1	30	-	-	<b>5</b>
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**Choose two courses out of the following : (B1 : 10Cr)**

GEST6003-1	<i>International Business Engineering Seminar (english language) - Yasemin ARDA, Mustafa Celebi PINAR</i>	B1	Q1	30	-	-	<b>5</b>
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MARK9302-1	<i>International Marketing Seminar (english language) - Claire GRUSLIN</i>	B1	Q1	30	-	-	<b>5</b>
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STAT0800-1	<i>Models and Methods in Applied Statistics (english language) - Cédric HEUCHENNE</i>	B1	Q1	30	-	-	<b>5</b>
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GEST3032-1	<i>e-Commerce Methods and Techniques (english language) - Ashwin ITTOO</i>	B1	Q1	30	-	-	<b>5</b>
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GEST3047-1	<i>Environmental Management (english language) - Michaël TANS</i>	B1	Q1	30	-	-	<b>5</b>
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**Choose courses for a total of 28 credits among: (B2 : 28Cr)**

GTFE8003-1	<i>Project-Thesis</i> <b>Prerequisite :</b> GEST6001-1 - Preparation for Master Thesis and Internship	B2	TA	-	-	-	<b>28</b>
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GTFE0014-1	<i>Research-Thesis</i> <b>Prerequisite :</b> GEST6001-1 - Preparation for Master Thesis and Internship	B2	TA	-	-	-	<b>18</b>
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GSTG0016-1	<i>Internship</i>	B2	Q2	-	-	-	<b>10</b>
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GTFE9005-1	<i>Intrapreneurial Thesis (english language)</i> <b>Prerequisite :</b> GEST6001-1 - Preparation for Master Thesis and Internship	B2	TA	-	-	-	<b>18</b>
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GEST3759-1	<i>Strategic, Organizational and Information System Audits (english language) - Olivier LISEIN - [200h AUTR]</i> <b>Corequisite :</b> GEST3050-1 - Creativity and stimulation of collective intelligence GEST3764-1 - Innovation Project Definition and Development (partim II) GEST3766-1 - Project and Change Management GEST3767-1 - Consultant Roles and Responsibilities	B2	TA	24	-	[+]	<b>10</b>
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*Notice : GTFE9005-1 and GEST3759-1 courses are compulsory and only accessible to students enrolled in the Intrapreneurship and Management of Innovation Projects focus.*

**Choose two courses out of the following : (B1 : 5Cr, B2 : 3Cr)**

[...] One level 4 course or basic level 1

LANG1925-1	<i>German 4 (german language) - Marie MAWHIN</i>	B1	Q2	30	-	-	<b>5</b>
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LANG1926-1	<i>Advanced German 4 (german language) - Charlotte HIERTZ</i>	B1	Q2	30	-	-	<b>5</b>
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LANG1933-1	<i>Elementary German 1 - Charlotte HIERTZ</i>	B1	TA	30	-	-	<b>5</b>
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LANG6009-1	<i>Elementary Chinese 1 (english language) - Rachel DELCOURT</i>	B1	Q2	30	-	-	<b>5</b>
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LANG1927-1	<i>Spanish 4 (spanish language) - Alba BALLESTA MARTÍNEZ</i>	B1	Q2	30	-	-	<b>5</b>
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LANG1928-1	<i>Advanced Spanish 4</i> (spanish language) - Alexis ALVAREZ BARBOSA	B1	Q2	30	-	-	5
LANG1934-1	<i>Elementary Spanish 1</i> - Alexis ALVAREZ BARBOSA	B1	TA	30	-	-	5
LANG1929-1	<i>(Advanced) Italian 4</i> (italian language) - Alex BARDASCINO	B1	Q2	30	-	-	5
LANG6010-1	<i>Elementary Italian 1</i> - Alex BARDASCINO	B1	Q2	30	-	-	5
LANG1932-1	<i>Dutch 4</i> (dutch language) - Wannes DUPONCHEEL, Nicole ENGELEN	B1	Q2	30	-	-	5
LANG1936-1	<i>Elementary Dutch 1</i> - Fanny NSITA	B1	Q2	30	-	-	5
LANG1954-1	<i>French beginner level 1</i> - ISLV, Marielle MARÉCHAL	B1	Q2	30	-	-	5

Notice : the course LANG1954-1 is only open to non-French speaking foreign students

[...] One level 5 course or basic level 2

LANG1938-1	<i>German 5</i> (german language) - Marie MAWHIN	B2	Q1	30	-	-	3
LANG1939-1	<i>Advanced German 5</i> (german language) - Marie MAWHIN	B2	Q1	30	-	-	3
LANG1945-1	<i>Elementary German 2</i> - Charlotte HIERTZ	B2	Q1	30	-	-	3
LANG7002-1	<i>Elementary Chinese 2</i> (english language) - Rachel DELCOURT <b>Prerequisite :</b> LANG6009-1 - Chinois élémentaire 1	B2	Q1	30	-	-	3
LANG1940-1	<i>Spanish 5</i> (spanish language) - Alba BALLESTA MARTÍNEZ	B2	Q1	30	-	-	3
LANG1941-1	<i>Advanced Spanish 5</i> (spanish language) - Alba BALLESTA MARTÍNEZ	B2	Q1	30	-	-	3
LANG1946-1	<i>Elementary Spanish 2</i> - Véronique PEIFFER <b>Prerequisite :</b> LANG1934-1 - Espagnol élémentaire 1	B2	Q1	30	-	-	3
LANG1942-1	<i>(Advanced) Italian 5</i> (italian language) - Alex BARDASCINO	B2	Q1	30	-	-	3
LANG7003-1	<i>Elementary Italian 2</i> - Alex BARDASCINO <b>Prerequisite :</b> LANG6010-1 - Italien élémentaire 1	B2	Q1	30	-	-	3
LANG1950-1	<i>Dutch 5</i> (dutch language) - Wannes DUPONCHEEL, Nicole ENGELEN	B2	Q1	30	-	-	3
LANG1948-1	<i>Elementary Dutch 2</i> (dutch language) - Fanny NSITA <b>Prerequisite :</b> LANG1936-1 - Néerlandais élémentaire 1	B2	Q1	30	-	-	3
LANG1955-1	<i>French beginner level 2</i> - ISLV, Marielle MARÉCHAL <b>Prerequisite :</b> LANG1954-1 - French beginner level 1	B2	Q1	30	-	-	3

Choose one of the following courses : (B1 : 5Cr)

INFO0934-8	<i>Information Technology Management</i> (english language) - Ashwin ITTOO	B1	Q2	30	-	-	5
MQGE9006-1	(pas organisé en 2024-2025) <i>Forecasting and Microsimulation</i> (english language)	B1		30	-	-	5
TECH0003-4	<i>Innovative technological projects</i> - Pierre DENEYE	B1	Q2	30	-	-	5
FINA0050-1	<i>Corporate Finance - Lectures and Seminars</i> (english language) - Marie LAMBERT	B1	Q2	30	-	-	5

Choose 1 sustainability course from: (B1 : 5Cr)

FINA9030-1	<i>Sustainable Finance</i> (english language) - <i>Ethics and Sustainability in Finance</i> - Patrick SCHWARZ - <i>Sustainable Business Models : a Serious Game</i> -	B1	Q2	18 12	- -	- -	5
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TECH2002-1	<i>Life Cycle Management</i> (english language) - <i>Life Cycle Assessment &amp; Ecodesign</i> - Andrea DI MARIA, Angélique LÉONARD - <i>Sustainable Business Models : a Serious Game</i> - Virginie XHAUFLAIR	B1	Q2	18	-	-	5
GEST7106-1	<i>Reporting and Metrics for Sustainability</i> (english language) - <i>Metrics-Driven Reporting for Sustainable Practices</i> - Nathalie CRUTZEN - <i>Sustainable Business Models : a Serious Game</i> - Virginie XHAUFLAIR	B1	Q2	18	-	-	5

Choose one of the following courses : (B2 : 3Cr)

*Notice* : a student who has chosen an Elementary language 1 course in Block 1 must necessarily continue the chosen language and take the corresponding Elementary language 2 course.

LANG1945-1	<i>Elementary German 2</i> - Charlotte HIERTZ <b>Prerequisite :</b> LANG1933-1 - Allemand élémentaire 1	B2	Q1	30	-	-	3
LANG7002-1	<i>Elementary Chinese 2</i> (english language) - Rachel DELCOURT <b>Prerequisite :</b> LANG6009-1 - Chinois élémentaire 1	B2	Q1	30	-	-	3
LANG1946-1	<i>Elementary Spanish 2</i> - Véronique PEIFFER <b>Prerequisite :</b> LANG1934-1 - Espagnol élémentaire 1	B2	Q1	30	-	-	3
LANG7003-1	<i>Elementary Italian 2</i> - Alex BARDASCINO <b>Prerequisite :</b> LANG6010-1 - Italien élémentaire 1	B2	Q1	30	-	-	3
LANG1948-1	<i>Elementary Dutch 2</i> (dutch language) - Fanny NSITA <b>Prerequisite :</b> LANG1936-1 - Néerlandais élémentaire 1	B2	Q1	30	-	-	3
FINA0083-1	<i>Organizational Business Model Design</i> (english language) - Didier VAN CAILLIE	B2	Q1	18	-	-	3
GEST3782-1	<i>Introduction to family business entrepreneurship</i> - Raphaëlle MATTART	B2	Q1	18	-	-	3
GEST1076-1	<i>Seminar on Sustainability and Smart Territories</i> (english language) - Nathalie CRUTZEN	B2	Q1	18	-	-	3
GEST3032-1	<i>e-Commerce Methods and Techniques</i> (english language) - Ashwin ITTOO <b>Prerequisite :</b> INFO0934-8 - Information Technology Management	B2	Q1	30	-	-	5
GEST3050-1	<i>Creativity and stimulation of collective intelligence</i> (english language) - Deniz BOGA <b>Corequisite :</b> GEST3759-1 - Strategic, Organizational and Information System Audits GEST3764-1 - Innovation Project Definition and Development (partim II) GEST3766-1 - Project and Change Management GEST3767-1 - Consultant Roles and Responsibilities	B2	Q2	18	50	-	3

*Notice* : this course is compulsory and only open to students of the professional focus in Intrapreneurship and Management of Innovation Projects

[...] Optional course among those in the Master in Engineering Management degree