

Cycle view of the study programme

		B1	Or	Th	Pr	Au	Cr
Focus compulsory courses (B1 : 15Cr, B2 : 15Cr)							
INFO9003-1	<i>Advanced Topics in Digital Business</i> (english language) - Ashwin ITTOO	B1	Q2	30	-	-	5
INFO0062-1	<i>Object-oriented programming</i> (english language) - Bernard BOIGELOT - [20h Proj.]	B1	Q2	25	20	[+]	5
INFO0902-1	<i>Data structures and algorithms</i> - Pierre GEURTS - [40h Proj.]	B1	Q2	26	20	[+]	5
INFO8006-1	<i>Introduction to artificial intelligence</i> (english language) - Gilles LOUPPE - [45h Proj.] Prerequisite : INFO0902-1 - Structures des données et algorithmes	B2	Q1	25	20	[+]	5
INFO9017-1	<i>Database for management</i> (english language) - Siamak KHAYYATI	B2	Q1	30	-	-	5
Focus optional courses (B2 : 5Cr)							
Choose one of the following courses : (B2 : 5Cr)							
INFO0010-4	<i>Introduction to computer networking</i> (english language) - Guy LEDUC - [12h Labo., 40h Proj.]	B2	Q1	32	2	[+]	5
GEST7064-1	<i>Digital Business Capstone Project</i> - Ashwin ITTOO, Michael SCHYNS Prerequisite : INFO0062-1 - Object-oriented programming	B2	TA	15	15	-	5
Pre-requisite (B1 : 4Cr)							
<i>Notice</i> : 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
<i>Notice</i> : 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 Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship	B2	Q1	12	-	-	2

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 *Erasmus HEC (MIG) - N...* B1 - - - 20

Module 2 (B1 : 20Cr)

GEST7108-1 *Leadership (english language) - Michaël PARMENTIER* B1 Q1 30 - - 5

GEST3029-1 *International Strategy (english language) - Nathalie CRUTZEN, Anthony SANTINO* B1 Q1 30 - - 5

Choose two courses out of the following : (B1 : 10Cr)

GEST6003-1 *International Business Engineering Seminar (english language) - Yasemin ARDA, Mustafa Celebi PINAR* B1 Q1 30 - - 5

MARK9302-1 *International Marketing Seminar (english language) - Claire GRUSLIN* B1 Q1 30 - - 5

STAT0800-1 *Models and Methods in Applied Statistics (english language) - Cédric HEUCHENNE* B1 Q1 30 - - 5

GEST3032-1 *e-Commerce Methods and Techniques (english language) - Ashwin ITTOO* B1 Q1 30 - - 5

GEST3047-1 *Environmental Management (english language) - Michaël TANS* B1 Q1 30 - - 5

Choose courses for a total of 28 credits among: (B2 : 28Cr)

GTFE8003-1 *Project-Thesis* B2 TA - - - 28
Prerequisite :
 GEST6001-1 - Preparation for Master Thesis and Internship

GTFE0014-1 *Research-Thesis* B2 TA - - - 18
Prerequisite :
 GEST6001-1 - Preparation for Master Thesis and Internship

GSTG0016-1 *Internship* B2 Q2 - - - 10

GTFE9005-1 *Intrapreneurial Thesis (english language)* B2 TA - - - 18
Prerequisite :
 GEST6001-1 - Preparation for Master Thesis and Internship

GEST3759-1 *Strategic, Organizational and Information System Audits (english language) - Olivier LISEIN - [200h AUTR]* B2 TA 24 - [+] 10
Corequisite :
 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

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 *German 4 (german language) - Marie MAWHIN* B1 Q2 30 - - 5

LANG1926-1 *Advanced German 4 (german language) - Charlotte HIERTZ* B1 Q2 30 - - 5

LANG1933-1 *Elementary German 1 - Charlotte HIERTZ* B1 TA 30 - - 5

LANG6009-1 *Elementary Chinese 1 (english language) - Rachel DELCOURT* B1 Q2 30 - - 5

LANG1927-1 *Spanish 4 (spanish language) - Alba BALLESTA MARTÍNEZ* B1 Q2 30 - - 5

LANG1928-1 *Advanced Spanish 4 (spanish language) - Alexis ALVAREZ BARBOSA* B1 Q2 30 - - 5

LANG1934-1 *Elementary Spanish 1 - Alexis ALVAREZ BARBOSA* B1 TA 30 - - 5

LANG1929-1 *(Advanced) Italian 4 (italian language) - Alex BARDASCINO* B1 Q2 30 - - 5

LANG6010-1 *Elementary Italian 1 - Alex BARDASCINO* B1 Q2 30 - - 5

LANG1932-1 *Dutch 4* (dutch language) - Wannas DUPONCHEEL,
Nicole ENGELEN B1 Q2 30 - - 5

LANG1936-1 *Elementary Dutch 1* - Fanny NSITA B1 Q2 30 - - 5

LANG1954-1 *French beginner level 1* - 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 *German 5* (german language) - Marie MAWHIN B2 Q1 30 - - 3

LANG1939-1 *Advanced German 5* (german language) - Marie MAWHIN B2 Q1 30 - - 3

LANG1945-1 *Elementary German 2* - Charlotte HIERTZ B2 Q1 30 - - 3

LANG7002-1 *Elementary Chinese 2* (english language) - Rachel DELCOURT B2 Q1 30 - - 3
Prerequisite :
LANG6009-1 - Chinois élémentaire 1

LANG1940-1 *Spanish 5* (spanish language) - Alba BALLESTA MARTÍNEZ B2 Q1 30 - - 3

LANG1941-1 *Advanced Spanish 5* (spanish language) -
Alba BALLESTA MARTÍNEZ B2 Q1 30 - - 3

LANG1946-1 *Elementary Spanish 2* - Véronique PEIFFER B2 Q1 30 - - 3
Prerequisite :
LANG1934-1 - Espagnol élémentaire 1

LANG1942-1 (*Advanced*) *Italian 5* (italian language) - Alex BARDASCINO B2 Q1 30 - - 3

LANG7003-1 *Elementary Italian 2* - Alex BARDASCINO B2 Q1 30 - - 3
Prerequisite :
LANG6010-1 - Italien élémentaire 1

LANG1950-1 *Dutch 5* (dutch language) - Wannas DUPONCHEEL,
Nicole ENGELEN B2 Q1 30 - - 3

LANG1948-1 *Elementary Dutch 2* (dutch language) - Fanny NSITA B2 Q1 30 - - 3
Prerequisite :
LANG1936-1 - Néerlandais élémentaire 1

LANG1955-1 *French beginner level 2* - ISLV, Marielle MARÉCHAL B2 Q1 30 - - 3
Prerequisite :
LANG1954-1 - French beginner level 1

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

INFO0934-8 *Information Technology Management* (english language) -
Ashwin ITTOO B1 Q2 30 - - 5

MQGE9006-1 (pas organisé en 2024-2025) *Forecasting and Microsimulation*
(english language) B1 30 - - 5

TECH0003-4 *Innovative technological projects* - Pierre DENEYE B1 Q2 30 - - 5

FINA0050-1 *Corporate Finance - Lectures and Seminars* (english language) -
Marie LAMBERT B1 Q2 30 - - 5

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

FINA9030-1 *Sustainable Finance* (english language) B1 Q2 5
- *Ethics and Sustainability in Finance* - Patrick SCHWARZ 18 - -
- *Sustainable Business Models : a Serious Game* - 12 - -
Virginie XHAUFLAIR

TECH2002-1 *Life Cycle Management* (english language) B1 Q2 5
- *Life Cycle Assessment & Ecodesign* - Andrea DI MARIA, 18 - -
Angélique LÉONARD
- *Sustainable Business Models : a Serious Game* - 12 - -
Virginie XHAUFLAIR

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 - - 12 - -	5
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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 Prerequisite : LANG1933-1 - Allemand élémentaire 1	B2 Q1 30 - -	3
LANG7002-1	<i>Elementary Chinese 2</i> (english language) - Rachel DELCOURT Prerequisite : LANG6009-1 - Chinois élémentaire 1	B2 Q1 30 - -	3
LANG1946-1	<i>Elementary Spanish 2</i> - Véronique PEIFFER Prerequisite : LANG1934-1 - Espagnol élémentaire 1	B2 Q1 30 - -	3
LANG7003-1	<i>Elementary Italian 2</i> - Alex BARDASCINO Prerequisite : LANG6010-1 - Italien élémentaire 1	B2 Q1 30 - -	3
LANG1948-1	<i>Elementary Dutch 2</i> (dutch language) - Fanny NSITA Prerequisite : 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 Prerequisite : INFO0934-8 - Information Technology Management	B2 Q1 30 - -	5
GEST3050-1	<i>Creativity and stimulation of collective intelligence</i> (english language) - Deniz BOGA Corequisite : 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