

Block view of the study programme

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Block 1

Focus compulsory courses

INFO9003-1	<i>Advanced Topics in Digital Business</i> (english language) - Ashwin ITTOO	Q2	30	-	-	5
INFO0062-1	<i>Object-oriented programming</i> (english language) - Bernard BOIGELOT - [20h Proj.]	Q2	25	20	[+]	5
INFO0902-1	<i>Data structures and algorithms</i> - Pierre GEURTS - [40h Proj.]	Q2	26	20	[+]	5

Pre-requisite

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.]	TA	-	-	[+]	2
GEST5002-1	<i>Integration activities in science and technology - part 2</i> - Pierre DENEYE - [8d Proj.]	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.]	TA	-	-	[+]	2
GEST5004-1	<i>Integration activities in digital business - part 2</i> - Michael SCHYNS - [8d Proj.]	TA	-	-	[+]	2

Core curriculum compulsory courses

INFO2048-1	<i>Business Analytics</i> (english language) - Michael SCHYNS	Q2	30	-	-	5
GEST7105-1	<i>Scientific Methods in Management</i> (english language) - Frédéric DUFAYS	TA	30	-	-	5

Common core courses

Choose one of the following modules :

Module 1 (aimed at internationally mobile students)

ERAS0017-1	<i>Erasmus HEC (MIG)</i> - N...	-	-	-	-	20
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Module 2

GEST7108-1	<i>Leadership</i> (english language) - Michaël PARMENTIER	Q1	30	-	-	5
GEST3029-1	<i>International Strategy</i> (english language) - Nathalie CRUTZEN, Anthony SANTINO	Q1	30	-	-	5

Choose two courses out of the following :

GEST6003-1	<i>International Business Engineering Seminar</i> (english language) - Yasemin ARDA, Mustafa Celebi PINAR	Q1	30	-	-	5
MARK9302-1	<i>International Marketing Seminar</i> (english language) - Claire GRUSLIN	Q1	30	-	-	5
STAT0800-1	<i>Models and Methods in Applied Statistics</i> (english language) - Cédric HEUCHENNE	Q1	30	-	-	5
GEST3032-1	<i>e-Commerce Methods and Techniques</i> (english language) - Ashwin ITTOO	Q1	30	-	-	5
GEST3047-1	<i>Environmental Management</i> (english language) - Michaël TANS	Q1	30	-	-	5

Select 1 language course out of the following :

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

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

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

Choose one of the following courses :

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

Choose 1 sustainability course from:

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

Block 2

Focus compulsory courses

INFO8006-1	<i>Introduction to artificial intelligence</i> (english language) - Gilles LOUPPE - [45h Proj.] Prerequisite : INFO0902-1 - Structures des données et algorithmes	Q1	25	20	[+]	5
INFO9017-1	<i>Database for management</i> (english language) - Siamak KHAYYATI	Q1	30	-	-	5

Focus optional courses

Choose one of the following courses :

INFO0010-4	<i>Introduction to computer networking</i> (english language) - Guy LEDUC - [12h Labo., 40h Proj.]	Q1	32	2	[+]	5
GEST7064-1	<i>Digital Business Capstone Project</i> - Ashwin ITTOO, Michael SCHYNS Prerequisite : INFO0062-1 - Object-oriented programming	TA	15	15	-	5

Core curriculum compulsory courses

GPRO0002-1	<i>Skills workshops</i> - David HOMBURG, Giseline RONDEAUX	TA	-	-	-	5
GEST3753-1	<i>Business Ethics and Corporate Social Responsibility</i> (english language) - Virginie XHAUFLAIR	Q1	24	-	-	4
GEST7004-1	<i>Master Thesis Methodology</i> (english language) - Frédéric DUFAYS	Q1	12	-	-	2
	Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship					

Common core courses

Choose courses for a total of 28 credits among:

GTFE8003-1	<i>Project-Thesis</i> Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship	TA	-	-	-	28
GTFE0014-1	<i>Research-Thesis</i> Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship	TA	-	-	-	18
GSTG0016-1	<i>Internship</i>	Q2	-	-	-	10
GTFE9005-1	<i>Intrapreneurial Thesis</i> (english language) Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship	TA	-	-	-	18
GEST3759-1	<i>Strategic, Organizational and Information System Audits</i> (english language) - Olivier LISEIN - [200h AUTR] 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	TA	24	-	[+]	10

Notice : GTFE9005-1 and GEST3759-1 courses are compulsory and only accessible to students enrolled in the Intrapreneurship and Management of Innovation Projects focus.

Choisir 1 cours de langue parmi (poursuite du choix de langue de bloc 1) :

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

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

LANG1936-1 - Néerlandais élémentaire 1

LANG1955-1 *French beginner level 2 - ISLV, Marielle MARÉCHAL* Q1 30 - - 3

Prerequisite :

LANG1954-1 - French beginner level 1

Choose one of the following courses :

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 *Elementary German 2 - Charlotte HIERTZ* Q1 30 - - 3

Prerequisite :

LANG1933-1 - Allemand élémentaire 1

LANG7002-1 *Elementary Chinese 2 (english language) - Rachel DELCOURT* Q1 30 - - 3

Prerequisite :

LANG6009-1 - Chinois élémentaire 1

LANG1946-1 *Elementary Spanish 2 - Véronique PEIFFER* Q1 30 - - 3

Prerequisite :

LANG1934-1 - Espagnol élémentaire 1

LANG7003-1 *Elementary Italian 2 - Alex BARDASCINO* Q1 30 - - 3

Prerequisite :

LANG6010-1 - Italien élémentaire 1

LANG1948-1 *Elementary Dutch 2 (dutch language) - Fanny NSITA* Q1 30 - - 3

Prerequisite :

LANG1936-1 - Néerlandais élémentaire 1

FINA0083-1 *Organizational Business Model Design (english language) -* Q1 18 - - 3

Didier VAN CAILLIE

GEST3782-1 *Introduction to family business entrepreneurship - Raphaëlle MATTART* Q1 18 - - 3

GEST1076-1 *Seminar on Sustainability and Smart Territories (english language) -* Q1 18 - - 3

Nathalie CRUTZEN

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

Prerequisite :

INFO0934-8 - Information Technology Management

GEST3050-1 *Creativity and stimulation of collective intelligence (english language) -* Q2 18 50 - 3

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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

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