Master in business engineering, professional focus in Intrapreneurship and Management of Innovation Projects

Cycle view of the study programme

			Bl	Or	Th	Pr	Au	Cr
Cours obligatoires de la finalité (B1 : 15Cr, B2 : 15Cr)								
	Notice : Registration only with a file (see admission conditions)							
ECON2275-1	*Economics of Innovation* (english language) - Lionel ARTIGE		B1	Q2	30	-	-	**5**
GEST3755-1	*Innovation Project Definition and Development (partim I)* (english language) - Olivier LISEIN		B1	Q2	30	-	-	**5**
GEST3757-1	*Strategy and Business Model Generation* (english language) - Frédéric OOMS		B1	Q2	30	-	-	**5**
GEST3767-1	*Consultant Roles and Responsibilities* (english language) - Giseline RONDEAUX - [80h AUTR] **Corequisite :** GEST3759-1 - Strategic, Organizational and Information System Audits GEST3050-1 - Creativity and stimulation of collective intelligence GEST3764-1 - Innovation Project Definition and Development (partim II) GEST3766-1 - Project and Change Management		B2	Q2	18	-	[+]	**4**
GEST3764-1	*Innovation Project Definition and Development (partim II)* (english language) - Olivier LISEIN - [100h AUTR] **Prerequisite :** GEST3755-1 - Innovation Project Definition and Development (partim I) **Corequisite :** GEST3759-1 - Strategic, Organizational and Information System Audits GEST3050-1 - Creativity and stimulation of collective intelligence GEST3767-1 - Consultant Roles and Responsibilities GEST3766-1 - Project and Change Management		B2	Q1	18	-	[+]	**5**
GEST3766-1	*Project and Change Management* (english language) - Olivier LISEIN, Michaël PARMENTIER - [100h AUTR] **Corequisite :** GEST3759-1 - Strategic, Organizational and Information System Audits GEST3050-1 - Creativity and stimulation of collective intelligence GEST3764-1 - Innovation Project Definition and Development (partim II) GEST3767-1 - Consultant Roles and Responsibilities		B2	Q2	18	-	[+]	**6**
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	*Integration activities in science and technology - part 1 -* Pierre DENEYE - [8d Proj.]		B1	TA	-	-	[+]	**2**
GEST5002-1	*Integration activities in science and technology - part 2 -* 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	*Integration activities in digital business - part 1 -* Michael SCHYNS - [8d Proj.]		B1	TA	-	-	[+]	**2**
GEST5004-1	*Integration activities in digital business - part 2 -* Michael SCHYNS - [8d Proj.]		B1	TA	-	-	[+]	**2**
Cours obligatoires du tronc commun (B1 : 10Cr, B2 : 11Cr)								
INFO2048-1	*Business Analytics* (english language) - Michael SCHYNS		B1	Q2	30	-	-	**5**
GEST7105-1	*Scientific Methods in Management* (english language)		B1	TA	30	-	-	**5**
GPRO0002-1	*Skills workshops* - David HOMBURG, Giseline RONDEAUX		B2	TA	-	-	-	**5**
GEST3753-1	*Business Ethics and Corporate Social Responsibility* (english language)		B2	Q1	24	-	-	**4**

Master in business engineering, professional focus in Intrapreneurship and Management of Innovation Projects

- Virginie XHAUFLAIR

GEST7004-1	*Master Thesis Methodology* (english language) - Frédéric DUFAYS	B2	Q1	12	-	-	**2**

Prerequisite :
GEST6001-1 - Preparation for Master Thesis and Internship

Cours au choix du tronc commun (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, 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) - Ioannis ASSIOURAS, 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) - Laurent GIANOTTI	B1	Q2	30	-	-	**5**
LANG1933-1	*Elementary German 1* - Marie MAWHIN	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) - Wannes 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) - Laurent GIANOTTI	B2	Q1	30	-	-	**3**
LANG1945-1	*Elementary German 2* - Laurent GIANOTTI	B2	Q1	30	-	-	**3**
LANG7002-1	*Elementary Chinese 2* (english language) - Rachel DELCOURT **Prerequisite :** LANG6009-1 - Chinois élémentaire 1	B2	Q1	30	-	-	**3**
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 **Prerequisite :** LANG1934-1 - Espagnol élémentaire 1	B2	Q1	30	-	-	**3**
LANG1942-1	*(Advanced) Italian 5* (italian language) - Alex BARDASCINO	B2	Q1	30	-	-	**3**
LANG7003-1	*Elementary Italian 2* - Alex BARDASCINO **Prerequisite :** LANG6010-1 - Italien élémentaire 1	B2	Q1	30	-	-	**3**
LANG1950-1	*Dutch 5* (dutch language) - Wannes DUPONCHEEL, Nicole ENGELEN	B2	Q1	30	-	-	**3**
LANG1948-1	*Elementary Dutch 2* (dutch language) **Prerequisite :** LANG1936-1 - Néerlandais élémentaire 1	B2	Q1	30	-	-	**3**
LANG1955-1	*French beginner level 2* - ISLV, Marielle MARÉCHAL **Prerequisite :** LANG1954-1 - French beginner level 1	B2	Q1	30	-	-	**3**

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	*Projets technologiques innovants* - Pierre DENEYE	B1	Q2	30	-	-	**5**
FINA0050-1	*Corporate Finance - Lectures and Seminars* (english language) - Marie LAMBERT	B1	Q2	30	-	-	**5**

Choisir 1 cours de sustainability parmi : (B1 : 5Cr)

Master in business engineering, professional focus in Intrapreneurship and Management of Innovation Projects

FINA9030-1	*Sustainable Finance* (english language)	B1	Q2				**5**
	- *Ethics and Sustainability in Finance*			30	-	-	
	- *Sustainable Business Models : a Serious Game* - Virginie XHAUFLAIR			12	-	-	
TECH2002-1	*Life Cycle Management* (english language)	B1	Q2				**5**
	- *Life Cycle Assessment & Ecodesign*			18	-	-	
	- *Sustainable Business Models : a Serious Game* - Virginie XHAUFLAIR			12	-	-	
GEST7106-1	*Reporting and Metrics for Sustainability* (english language)	B1	Q2				**5**
	- *Metrics-Driven Reporting for Sustainable Practices*			18	-	-	
	- *Sustainable Business Models : a Serious Game* - Virginie XHAUFLAIR			12	-	-	

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	*Elementary German 2* - Laurent GIANOTTI	B2	Q1	30	-	-	**3**
	Prerequisite : LANG1933-1 - Allemand élémentaire 1						
LANG7002-1	*Elementary Chinese 2* (english language) - Rachel DELCOURT	B2	Q1	30	-	-	**3**
	Prerequisite : LANG6009-1 - Chinois élémentaire 1						
LANG1946-1	*Elementary Spanish 2* - Véronique PEIFFER	B2	Q1	30	-	-	**3**
	Prerequisite : LANG1934-1 - Espagnol élémentaire 1						
LANG7003-1	*Elementary Italian 2* - Alex BARDASCINO	B2	Q1	30	-	-	**3**
	Prerequisite : LANG6010-1 - Italien élémentaire 1						
LANG1948-1	*Elementary Dutch 2* (dutch language)	B2	Q1	30	-	-	**3**
	Prerequisite : LANG1936-1 - Néerlandais élémentaire 1						
FINA0083-1	*Organizational Business Model Design* (english language) - Didier VAN CAILLIE	B2	Q1	18	-	-	**3**
GEST3782-1	*Introduction to family business entrepreneurship*	B2	Q1	18	-	-	**3**
GEST1076-1	*Seminar on Sustainability and Smart Territories* (english language) - Nathalie CRUTZEN	B2	Q1	18	-	-	**3**
GEST3032-1	*e-Commerce Methods and Techniques* (english language) - Ashwin ITTOO	B2	Q1	30	-	-	**5**
	Prerequisite : INFO0934-8 - Information Technology Management						
GEST3050-1	*Creativity and stimulation of collective intelligence* (english language) - Deniz BOGA, Michaël PARMENTIER	B2	Q2	18	50	-	**3**
	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