

Cycle view of the study programme

B1 Or Th Pr Au Cr

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

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|------------|--|----|----|----|---|---|---|
| MQGE0002-3 | <i>Computational Optimization</i> (english language) - Bernard FORTZ | B1 | Q2 | 30 | - | - | 5 |
| LOGI0012-1 | <i>Logistics and Transportation</i> (english language) - Sabine LIMBOURG | B1 | Q2 | 30 | - | - | 5 |
| LOGI0013-1 | <i>Operation Planning</i> (english language) - Yasemin ARDA | B1 | Q2 | 30 | - | - | 5 |
| LOGI0016-1 | <i>Quality, Ethics and Sustainability in Supply Chain Management</i> (english language) - Morgane DUMONT, Célia PAQUAY, Virginie XHAUFLAIR | B2 | Q1 | 30 | - | - | 5 |

Focus optional courses (B2 : 10Cr)

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

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|------------|--|----|----|----|---|---|---|
| LOGI0017-1 | <i>Distribution Management</i> (english language) - Sabine LIMBOURG | B2 | Q1 | 30 | - | - | 5 |
| LOGI0015-1 | <i>ERP Solutions for Supply Chains</i> (english language) - Yasemin ARDA, Véronique FRANÇOIS Prerequisite : LOGI0012-1 - Logistics and Transportation | B2 | Q1 | 30 | - | - | 5 |
| INFO2049-1 | <i>Web and Text Analytics</i> (english language) - Ashwin ITTOO Prerequisite : INFO2048-1 - Business Analytics | B2 | Q1 | 30 | - | - | 5 |

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)

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|------------|---|----|----|----|---|---|---|
| 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)

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

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| GEST7108-1 | <i>Leadership</i> (english language) - Michaël PARMENTIER | B1 | Q1 | 30 | - | - | 5 |
| GEST3029-1 | <i>International Strategy</i> (english language) - Nathalie CRUTZEN, Anthony SANTINO | B1 | Q1 | 30 | - | - | 5 |

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

| | | | | | | | |
|------------|---|----|----|----|---|---|---|
| GEST6003-1 | <i>International Business Engineering Seminar</i> (english language) - Yasemin ARDA, Mustafa Celebi PINAR | B1 | Q1 | 30 | - | - | 5 |
| MARK9302-1 | <i>International Marketing Seminar</i> (english language) - Claire GRUSLIN | B1 | Q1 | 30 | - | - | 5 |
| STAT0800-1 | <i>Models and Methods in Applied Statistics</i> (english language) - Cédric HEUCHENNE | B1 | Q1 | 30 | - | - | 5 |
| GEST3032-1 | <i>e-Commerce Methods and Techniques</i> (english language) - Ashwin ITTOO | B1 | Q1 | 30 | - | - | 5 |
| GEST3047-1 | <i>Environmental Management</i> (english language) - Michaël TANS, Michaël TANS | B1 | Q1 | 30 | - | - | 5 |

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

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|------------|--|----|----|----|---|-----|----|
| GTFE8003-1 | <i>Project-Thesis</i> Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship | B2 | TA | - | - | - | 28 |
| GTFE0014-1 | <i>Research-Thesis</i> Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship | B2 | TA | - | - | - | 18 |
| GSTG0016-1 | <i>Internship</i> | B2 | Q2 | - | - | - | 10 |
| GTFE9005-1 | <i>Intrapreneurial Thesis</i> (english language) Prerequisite : GEST6001-1 - Preparation for Master Thesis and Internship | B2 | 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 | B2 | 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.

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

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

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| LANG1925-1 | <i>German 4</i> (german language) - Marie MAWHIN | B1 | Q2 | 30 | - | - | 5 |
| LANG1926-1 | <i>Advanced German 4</i> (german language) - Charlotte HIERTZ | B1 | Q2 | 30 | - | - | 5 |
| LANG1933-1 | <i>Elementary German 1</i> - Charlotte HIERTZ | B1 | TA | 30 | - | - | 5 |
| LANG6009-1 | <i>Elementary Chinese 1</i> (english language) - Rachel DELCOURT | B1 | Q2 | 30 | - | - | 5 |
| LANG1927-1 | <i>Spanish 4</i> (spanish language) - Alba BALLESTA MARTÍNEZ | B1 | Q2 | 30 | - | - | 5 |
| 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 |

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| LANG1932-1 | <i>Dutch 4</i> (dutch language) - Wannas 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

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| 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 Prerequisite : 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 Prerequisite : 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 Prerequisite : LANG6010-1 - Italien élémentaire 1 | B2 | Q1 | 30 | - | - | 3 |
| LANG1950-1 | <i>Dutch 5</i> (dutch language) - Wannas DUPONCHEEL, Nicole ENGELEN | 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 |
| LANG1955-1 | <i>French beginner level 2</i> - ISLV, Marielle MARÉCHAL Prerequisite : LANG1954-1 - French beginner level 1 | B2 | Q1 | 30 | - | - | 3 |

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

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|------------|--|----|----|----|---|---|---|
| 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)

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|------------|--|----|----|--|----|---|---|---|
| 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 | B1 | 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 | B1 | Q2 | | 18 | - | - | 5 |
| | | | | | 12 | - | - | |

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| 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.

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| 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