

A single year

Optional courses

The preliminary programme will be determined depending on the previous training of the student (3 typical study programmes are predefined) ; it will contain 45 to 60 ECTS.

Typical programme for a student holding a degree in *civil or industrial engineering* who has not followed courses in science, technology or mathematics in their basic studies.

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|------------|---|----|----|-----|---|
| GEST0588-3 | <i>Economy and Business social analysis</i> - Annie CORNET | 50 | - | - | 5 |
| ECON0610-4 | <i>Introduction to Political Economy</i> - HenryJean GATHON | 30 | 15 | - | 5 |
| DROI1247-1 | <i>Introduction to law : public and private law aspects</i> - Firass ABU DALU, Aurélie NOTTET | 50 | - | - | 5 |
| GEST1056-1 | <i>Analytical accounting and management control</i> - Didier VAN CAILLIE | 40 | 15 | - | 5 |
| GEST0832-4 | <i>Financial Markets</i> - Danielle SOUGNÉ | 40 | 15 | - | 5 |
| ECON2259-1 | <i>Microeconomics and industrial economy</i> - Axel GAUTIER, Bernard THIRY | 40 | 15 | - | 5 |
| GEST0232-5 | <i>Marketing principles</i> - Chantal DE MOERLOOSE | 50 | - | - | 5 |
| FINA0001-1 | <i>Financial statement analysis and financing an enterprise</i> - Jacques BERWART | 45 | - | - | 5 |
| GEST0193-1 | <i>Business Simulation</i> - Wilfried NIESSEN - [30h Mon. WS] | - | - | [+] | 2 |
| GRHO0001-4 | <i>Strategic Human Resources Management</i> - François PICHULT | 45 | - | - | 5 |
| INFO0934-8 | <i>Management Information Systems (english language)</i> - Ashwin ITTOO | 45 | - | - | 5 |
| MQGE0001-6 | <i>Operations Research (english language)</i> - Yves CRAMA | 45 | - | - | 5 |
| LOGI0010-1 | <i>Supply Chain Management (english language)</i> - Yasemin ARDA | 45 | - | - | 5 |

Typical programme for a student holding a degree in *management or applied economics* who has not followed courses in science, technology or mathematics in their basic studies.

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|------------|--|----|----|-----|---|
| CHIM0092-2 | <i>General chemistry</i> - Christine BERTRAND | 40 | 25 | - | 5 |
| MATH0058-2 | <i>Mathematics for management engineers : part I</i> - Pascal DUPONT, Valérie HENRY | 80 | 25 | - | 7 |
| MATH0059-2 | <i>Mathematics for management engineers : part II</i> - Pascal DUPONT | 40 | 15 | - | 5 |
| PHYS0956-3 | <i>General Physics : part I</i> - Pierre DENEYE | 40 | 25 | - | 5 |
| PHYS0122-3 | <i>General Physics: part II</i> - Pierre DENEYE | 40 | 15 | - | 5 |
| TECH0763-2 | <i>Industrial technologies</i> - Michel CRINE, Sabine DANTHINE, Brigitte EVRARD, Angélique LÉONARD, Dominique TOYE | 45 | - | - | 5 |
| GEST1056-1 | <i>Analytical accounting and management control</i> - Didier VAN CAILLIE | 40 | 15 | - | 5 |
| INFO0076-1 | <i>Computing in management engineering</i> - Michael SCHYNS | 40 | 15 | - | 5 |
| INFO0934-8 | <i>Management Information Systems (english language)</i> - Ashwin ITTOO | 45 | - | - | 5 |
| MQGE0001-6 | <i>Operations Research (english language)</i> - Yves CRAMA | 45 | - | - | 5 |
| LOGI0010-1 | <i>Supply Chain Management (english language)</i> - Yasemin ARDA | 45 | - | - | 5 |
| STAT1208-2 | <i>Probability and statistical inference</i> - Cédric HEUCHENNE | 50 | 15 | - | 6 |
| GEST0193-1 | <i>Business Simulation</i> - Wilfried NIESSEN - [30h Mon. WS] | - | - | [+] | 2 |

Typical programme for a student holding a degree in *management or applied economics* who has not followed courses in science or technology in their basic studies, but who has followed a considerable number of advanced mathematics courses in their basic studies.

Compulsory courses

| | | | | | |
|------------|--|----|----|-----|---|
| GEST1056-1 | <i>Analytical accounting and management control</i> - Didier VAN CAILLIE | 40 | 15 | - | 5 |
| INFO0076-1 | <i>Computing in management engineering</i> - Michael SCHYNS | 40 | 15 | - | 5 |
| INFO0934-8 | <i>Management Information Systems (english language)</i> - Ashwin ITTOO | 45 | - | - | 5 |
| MQGE0001-6 | <i>Operations Research (english language)</i> - Yves CRAMA | 45 | - | - | 5 |
| LOGI0010-1 | <i>Supply Chain Management (english language)</i> - Yasemin ARDA | 45 | - | - | 5 |
| GEST0193-1 | <i>Business Simulation</i> - Wilfried NIESSEN - [30h Mon. WS] | - | - | [+] | 2 |

Optional courses

The programme will be determined by the panel depending on the student's previous education.

| | | | | | |
|------------|--|----|----|---|---|
| CHIM0092-2 | <i>General chemistry</i> - Christine BERTRAND | 40 | 25 | - | 5 |
| MATH0058-2 | <i>Mathematics for management engineers : part I</i> - Pascal DUPONT, Valérie HENRY | 80 | 25 | - | 7 |
| MATH0059-2 | <i>Mathematics for management engineers : part II</i> - Pascal DUPONT | 40 | 15 | - | 5 |
| PHYS0956-3 | <i>General Physics : part I</i> - Pierre DENEYE | 40 | 25 | - | 5 |
| PHYS0122-3 | <i>General Physics: part II</i> - Pierre DENEYE | 40 | 15 | - | 5 |
| TECH0763-2 | <i>Industrial technologies</i> - Michel CRINE, Sabine DANTHINE, Brigitte EVRARD, Angélique LÉONARD, Dominique TOYE | 45 | - | - | 5 |

One-year preliminary programme leading to the Master in Business
Engineering

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|------------|---|----|----|---|----------|
| STAT1208-2 | <i>Probability and statistical inference</i> - Cédric HEUCHENNE | 50 | 15 | - | 6 |
| GEST0832-4 | <i>Financial Markets</i> - Danielle SOUGNÉ | 40 | 15 | - | 5 |
| GEST0233-1 | <i>Marketing : Concepts and Decision Making</i> (english language) - Zelal ATEs | 45 | - | - | 5 |
| FINA0068-1 | <i>Applied Financial Instruments</i> (english language) - Marie LAMBERT, Aline MULLER | 45 | - | - | 5 |
| ECON2261-1 | <i>Monetary and financial economics</i> - Lionel ARTIGE, Danielle SOUGNÉ | 45 | - | - | 5 |
| GEST1079-3 | <i>Entrepreneurship</i> (english language) - JeanMarie CHOFFRAY | 30 | - | - | 5 |
| FINA0044-5 | <i>Strategic Performance Management</i> (english language) - Gabriele CATANIA | 30 | - | - | 5 |
| ECON0212-3 | <i>Econometrics</i> - Bernard LEJEUNE | 30 | 15 | - | 5 |