

## 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.

GEST0588-3	<i>Economy and Business social analysis</i> - Annie CORNET	Q1	50	-	-	5
ECON0610-4	<i>Introduction to Political Economy</i> - HenryJean GATHON	Q2	30	15	-	5
DROI1292-1	<i>Introduction to law : public and private law aspects</i>	Q2				5
	- Part public law aspects - Frédéric BOUHON	25	-	-		
	- Part private law aspects - Aurélie NOTTET	25	-	-		
GEST1056-1	<i>Analytical accounting and management control</i> - Didier VAN CAILLIE	Q1	40	15	-	5
GEST0832-4	<i>Financial Markets</i> - Georges HÜBNER, Georges HÜBNER, Danielle SOUGNÉ	Q1	40	15	-	5
ECON2259-1	<i>Microeconomics and industrial economy</i> - Axel GAUTIER, Bernard THIRY	Q2	40	15	-	5
GEST0232-5	<i>Marketing principles</i> - Chantal DE MOERLOOSE	Q1	50	-	-	5
FINA0001-1	<i>Financial statement analysis and financing an enterprise</i> - Jacques BERWART	Q2	45	-	-	5
GEST0193-1	<i>Business Simulation</i> - Wilfried NIESSEN - Suppl : Anne BILS, Louis ESCH - [30h Mon. WS]	TA	-	-	[+]	2
GRHO0001-4	<i>Strategic Human Resources Management</i> - François PICHULT	Q1	45	-	-	5
INFO0934-8	<i>Management Information Systems (english language)</i> - Ashwin ITTOO	Q1	45	-	-	5
MQGE0001-6	<i>Operations Research (english language)</i> - Yves CRAMA	Q1	45	-	-	5
LOGI0010-1	<i>Supply Chain Management (english language)</i> - Yasemin ARDA	Q2	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.

CHIM0092-2	<i>General chemistry</i> - Christine BERTRAND	Q2	40	25	-	5
MATH0058-2	<i>Mathematics for management engineers : part I</i> - Pascal DUPONT, Valérie HENRY	TA	80	25	-	7
MATH0059-2	<i>Mathematics for management engineers : part II</i> - Pascal DUPONT	Q1	40	15	-	5
PHYS0956-3	<i>General Physics : part I</i> - Pierre DENEYE	Q1	40	25	-	5
PHYS0122-3	<i>General Physics: part II</i> - Pierre DENEYE	Q2	40	15	-	5
TECH0763-2	<i>Industrial technologies</i> - Sabine DANTHINE, Brigitte EVRARD, Angélique LÉONARD, Dominique TOYE	Q1	45	-	-	5
GEST1056-1	<i>Analytical accounting and management control</i> - Didier VAN CAILLIE	Q1	40	15	-	5
INFO0076-1	<i>Computing in management engineering</i> - Michael SCHYNS	Q2	40	15	-	5
INFO0934-8	<i>Management Information Systems (english language)</i> - Ashwin ITTOO	Q1	45	-	-	5
MQGE0001-6	<i>Operations Research (english language)</i> - Yves CRAMA	Q1	45	-	-	5
LOGI0010-1	<i>Supply Chain Management (english language)</i> - Yasemin ARDA	Q2	45	-	-	5
STAT1208-2	<i>Probability and statistical inference</i> - Cédric HEUCHENNE	TA	50	15	-	6
GEST0193-1	<i>Business Simulation</i> - Wilfried NIESSEN - Suppl : Anne BILS, Louis ESCH - [30h Mon. WS]	TA	-	-	[+]	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	Q1	40	15	-	5
INFO0076-1	<i>Computing in management engineering</i> - Michael SCHYNS	Q2	40	15	-	5
INFO0934-8	<i>Management Information Systems (english language)</i> - Ashwin ITTOO	Q1	45	-	-	5
MQGE0001-6	<i>Operations Research (english language)</i> - Yves CRAMA	Q1	45	-	-	5
LOGI0010-1	<i>Supply Chain Management (english language)</i> - Yasemin ARDA	Q2	45	-	-	5
GEST0193-1	<i>Business Simulation</i> - Wilfried NIESSEN - Suppl : Anne BILS, Louis ESCH - [30h Mon. WS]	TA	-	-	[+]	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	Q2	40	25	-	5
MATH0058-2	<i>Mathematics for management engineers : part I</i> - Pascal DUPONT,	TA	80	25	-	7

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

		ENRY				
MATH0059-2	<i>Mathematics for management engineers : part II</i> - Pascal DUPONT	Q1	40	15	-	<b>5</b>
PHYS0956-3	<i>General Physics : part I</i> - Pierre DENEYE	Q1	40	25	-	<b>5</b>
PHYS0122-3	<i>General Physics: part II</i> - Pierre DENEYE	Q2	40	15	-	<b>5</b>
TECH0763-2	<i>Industrial technologies</i> - Sabine DANTHINE, Brigitte EVRARD, Angélique LÉONARD, Dominique TOYE	Q1	45	-	-	<b>5</b>
STAT1208-2	<i>Probability and statistical inference</i> - Cédric HEUCHENNE	TA	50	15	-	<b>6</b>
GEST0832-4	<i>Financial Markets</i> - Georges HÜBNER, Georges HÜBNER, Danielle SOUGNÉ	Q1	40	15	-	<b>5</b>
GEST0233-1	<i>Marketing : Concepts and Decision Making</i> (english language) - Jean TONDEUR	Q2	45	-	-	<b>5</b>
FINA0068-1	<i>Applied Financial Instruments</i> (english language) - Marie LAMBERT, Aline MULLER	Q2	45	-	-	<b>5</b>
ECON2261-1	<i>Monetary and financial economics</i> - Lionel ARTIGE, Danielle SOUGNÉ	Q2	45	-	-	<b>5</b>
GEST1079-3	<i>Entrepreneurship</i> (english language) - JeanMarie CHOFFRAY	Q1	30	-	-	<b>5</b>
FINA0044-5	<i>Strategic Performance Management</i> (english language) - Gabriele CATANIA		30	-	-	<b>5</b>
ECON0212-3	<i>Econometrics</i> - Bernard LEJEUNE	Q2	30	15	-	<b>5</b>