

First Year

Compulsory courses

General Education

CHIM0015-3	<i>Analytical chemistry II, physical methods</i> - Gauthier EPPE	30	60	-	6
ELEC0431-1	<i>Electromagnetic energy transformation</i> - Christophe GEUZAINÉ	30	30	-	5
CHIM0071-3	<i>Reduction of pollutants from combustion</i> - Angélique LÉONARD	30	-	-	3

Training in processes

CHIM0040-2	<i>Process design workshop : mass and energy balances</i> - Georges HEYEN	-	60	-	4
SYST0004-2	<i>Modelling of large chemical systems</i> - Georges HEYEN	30	30	-	5
CHIM0081-1	<i>Industrial Chemistry Processes, structure of chemical industry</i> - Angélique LÉONARD - Suppl : Georges HEYEN	30	-	-	3

CHIM0081-2	<i>Industrial Chemistry Processes, processes design</i> - Angélique LÉONARD	15	30	-	3
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Chemical engineering training

CHIM0024-1	<i>Applied Physical Chemistry</i> - Cédric GOMMES, JeanPaul PIRARD	30	45	-	6
CHIM0023-2	<i>Chemical Engineering (Reactor Study)</i> - Dominique TOYE	40	45	-	7
CHIM0083-2	<i>Chemical Engineering (Unit Physical Operations and Non-Specific Aspects of Apparatuses)</i> - Michel CRINE	45	45	-	8

Training in materials

CHIM0675-1	<i>Macromolecular chemistry</i> - AnneSophie DUWEZ	20	20	-	3
CHIM0676-1	<i>Polymerization processes</i> - Eric MARTIN	20	-	-	2
CHIM0666-2	<i>Inorganic materials : manufacturing procedures and propriety</i> - Stéphanie LAMBERT - [2d FW]	30	30	[+]	5

Notice : Students who have, in their BAC studies, have already taken one or more compulsory courses in this Master's programme are obliged to replace them by other courses on the Faculty's programme; this choice must be approved by the President of the cycle's Jury.

Compulsory courses

CHIM0605-1	<i>Chemistry and inorganic materials</i> - Bénédicte VERTRUYEN	30	30	-	5
CHIM0604-1	<i>Chemistry and organic materials</i> - Lionel DELAUDE	30	60	-	7
CHIM0012-3	<i>Chemical Kinetics</i> - JeanPaul PIRARD	20	15	-	5
CHIM0022-2	<i>Introduction to Chemical Engineering</i> - Michel CRINE	30	30	-	5
PHYS0904-3	<i>Physics of materials (part)</i> - Jacqueline LECOMTEBECKERS - [1d FW]	20	10	[+]	3
CHIM0024-1	<i>Applied Physical Chemistry</i> - Cédric GOMMES, JeanPaul PIRARD	30	45	-	6
CHIM0009-1	<i>Applied chemical thermodynamics</i> - Georges HEYEN	30	30	-	5
ELEC0431-1	<i>Electromagnetic energy transformation</i> - Christophe GEUZAINÉ	30	30	-	5
CHIM0071-3	<i>Reduction of pollutants from combustion</i> - Angélique LÉONARD	30	-	-	3
CHIM0081-1	<i>Industrial Chemistry Processes, structure of chemical industry</i> - Angélique LÉONARD - Suppl : Georges HEYEN	30	-	-	3
CHIM0081-2	<i>Industrial Chemistry Processes, processes design</i> - Angélique LÉONARD	15	30	-	3
CHIM0675-1	<i>Macromolecular chemistry</i> - AnneSophie DUWEZ	20	20	-	3
CHIM0676-1	<i>Polymerization processes</i> - Eric MARTIN	20	-	-	2
CHIM0666-2	<i>Inorganic materials : manufacturing procedures and propriety</i> - Stéphanie LAMBERT - [2d FW]	30	30	[+]	5

Compulsory courses

MATH0002-4	<i>Mathematical Analysis I</i> - Eric DELHEZ	30	25	-	4
DROI0724-1	<i>Law and engineering</i> - Christine BIQUET, Jacques CLESSE, Pascale LECOCQ - Suppl : Daisy CHICHOYAN, Déborah GOL, Bernard VANBRABANT, Cécile VERCHEVAL	30	-	-	3
MECA0011-1	<i>Fluid Mechanics : Basics</i> - Michel PIROTTON	30	30	-	5
CHIM0022-2	<i>Introduction to Chemical Engineering</i> - Michel CRINE	30	30	-	5
MECA0001-1	<i>Mechanics of materials</i> - JeanPierre JASPART	30	30	-	5
PHYS0904-3	<i>Physics of materials (part)</i> - Jacqueline LECOMTEBECKERS - [1d FW]	20	10	[+]	3
CHIM0009-1	<i>Applied chemical thermodynamics</i> - Georges HEYEN	30	30	-	5
CHIM0024-1	<i>Applied Physical Chemistry</i> - Cédric GOMMES, JeanPaul PIRARD	30	45	-	6
ELEC0431-1	<i>Electromagnetic energy transformation</i> - Christophe GEUZAINÉ	30	30	-	5
CHIM0071-3	<i>Reduction of pollutants from combustion</i> - Angélique LÉONARD	30	-	-	3

CHIM0081-1	<i>Industrial Chemistry Processes, structure of chemical industry</i> - Angélique LÉONARD - Suppl : Georges HEYEN	30	-	-	3
CHIM0081-2	<i>Industrial Chemistry Processes, processes design</i> - Angélique LÉONARD	15	30	-	3
CHIM0675-1	<i>Macromolecular chemistry</i> - AnneSophie DUWEZ	20	20	-	3
CHIM0676-1	<i>Polymerization processes</i> - Eric MARTIN	20	-	-	2
CHIM0666-2	<i>Inorganic materials : manufacturing procedures and propriety</i> - Stéphanie LAMBERT [2d FW]	30	30	[+]	5

Second Year

Compulsory courses

ATFE0004-1	<i>Final Work (including an introduction to methodology and research)</i> - COLLÉGIALITÉ	-	-	-	25
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Optional courses

Choose one of the following courses :

[...] the short list below.

LANG1957-1	<i>Dutch Engineering</i> (dutch language) - Claudine COLIN	60	-	-	5
LANG1958-1	<i>German Engineering</i> (german language) - Françoise CARL	60	-	-	5

[...] University of Liege programme courses

In any case, this course must have the approval of the cycle's Jury President.

Compulsory courses

GEST3001-1	<i>People management and organisation</i> - Jocelyne ROBERT	24	24	-	4
GEST3002-1	<i>Human Resources</i> - Jocelyne ROBERT	24	-	-	2
GEST3003-1	<i>Competitive strategy in the marketplace</i> (english language) - Michael GHILISSEN	16	16	-	3
GEST3004-1	<i>Marketing (operations and management)</i> (english language) - Michael GHILISSEN	16	16	-	3
GEST3005-2	<i>Accountancy and Finance</i> - Jacques BERWART	24	24	-	4
GEST3006-1	<i>Operations and supply chain management I</i> (english language) - Yasemin ARDA	16	16	-	3
GSTG3001-1	<i>Business plan</i> - COLLÉGIALITÉ	-	30	-	4
GSTG3002-1	<i>Functional analysis of a company</i> - COLLÉGIALITÉ - [30h Internship]	-	-	[+]	4

Optional courses

Choose one of the following courses :

GEST3010-1	<i>Operations and supply chain management II</i> - Sabine LIMBOURG	16	16	-	3
GEST3011-2	<i>ICT for Business</i> - Alain DUBOIS	16	16	-	3
GEST3012-1	<i>Financial and actuarial modelling</i> - Louis ESCH	16	16	-	3