

Third Year

Compulsory courses

CHIM0074-1	<i>Process Security</i> - Albert GERMAIN	15	15	-	3
ATFE0001-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	27

Optional courses

Choose one of the following courses :

GEST1069-1	<i>Introduction to entrepreneurship</i> - Bernard SURLEMONT	30	-	-	-
ECON0878-1	<i>Microeconomy applied to the engineering science</i> - Jean-Pierre HANSEN	30	-	-	-
ECON0099-1	<i>Industrial strategy: economic case analysis</i> - Jean-Pierre HANSEN	30	-	-	-
[...]	One General education course to chosen from the University programme and approved by the President of the Board of Studies.				

Three groups of courses chosen from the following five :

Biotechnology and Chemistry

CHIM0055-1	<i>Chemical Engineering of Polyphase Systems</i> - Pierre MARCHOT	18	24	-	3
CHIM0059-1	<i>Industrial Microbiology</i> - Philippe THONART	15	-	-	2
CHIM0063-1	<i>General principles of biology and biochemistry</i> - André MATAGNE	15	-	-	2
CHIM0067-1	<i>Biochemical Reactors II</i> - Michel CRINE	15	-	-	2

Energetics

CHIM0039-1	<i>Chemical Upgrading of Coal</i> - Jean-Paul PIRARD	15	-	-	2
CHIM0056-1	<i>Energy Aspects of Physical Unit Operations</i> - Michel CRINE	15	15	-	3
CHIM0071-1	<i>Reduction of pollutants from combustion</i> - Angélique LÉONARD	15	15	-	4

Materials

CHIM0038-1	<i>The physics of polymer materials, including plasturgy</i> - Jean-Marie LIÉGEOIS	18	24	-	3,5
CHIM0051-1	<i>Applied Chemistry - Polymers</i> - Jean-Marie LIÉGEOIS	15	15	-	2,5
CHIM0072-1	<i>Interface Physical Chemistry</i> - José MARIEN	15	15	-	3

Environment

CHIM0011-1	<i>Environment Chemical Engineering</i> - Michel CRINE	18	24	-	3
CHIM0028-1	<i>Industrial and Domestic Pollution</i> - N...	30	15	-	4
CHIM0078-1	<i>Applied environmental chemistry, physico-chemical, analytical and regulation-related aspects</i> - Edwin DE PAUW	15	-	-	2

Procedures

CHIM0054-1	<i>Process design workshop : economic optimization</i> - Georges HEYEN	-	45	-	3
META0005-1	<i>Extractive Metallurgy Principles</i>	20	-	-	3
SYST0011-1	<i>Dynamics and control of chemical systems</i> - Georges HEYEN	15	15	-	3

Optional Free courses in the 3rd year (level)

CHIM0008-1	<i>Advanced general and physical chemistry</i> - Robert LOCHT	40	40	-	-
CHIM0064-2	<i>Aerospace Materials (Composites)</i> - Jean-Marie LIÉGEOIS	20	-	-	-
CHIM0069-1	<i>Porous Material Physical Chemistry</i> - Jean-Paul PIRARD	15	-	-	-
CHIM0070-1	<i>Computer aided process engineering</i> - Georges HEYEN	15	15	-	-