

A single year

Compulsory courses

CHIM0213-2	<i>Structural analysis</i> (english language) - Christian DAMBLON, Edwin DE PAUW	45	-	-	4
CHIM0609-1	<i>Advanced organic chemistry</i> - André LUXEN	30	-	-	4
CHIM0635-1	<i>Advanced physical chemistry</i> (english language) - Bernard LEYH	30	-	-	4
CHIM0636-1	<i>Macromolecular physical chemistry</i> (english language) - Christine JÉRÔME	30	-	-	4
CHIM0637-1	<i>Chemistry of materials</i> (english language)				4
	- <i>Inorganic materials</i> - Bénédicte VERTRUYEN	20	-	-	
	- <i>Organic and biological materials</i> - AnneSophie DUWEZ	20	-	-	
BIOC0232-1	<i>Macromolecular biochemistry</i> (english language) - Moreno GALLEN	30	30	-	4
CHIM0638-1	<i>Surfaces and interfaces</i> (english language) - AnneSophie DUWEZ	15	-	-	2
CHIM9219-1	<i>Theoretical and quantum chemistry</i> (english language) - Françoise REMACLE - [15h QA Sess.]	30	15	[+]	4
CHIM0096-1	<i>Nuclear chemistry</i> (english language) - André LUXEN	15	-	-	2
SMEM0015-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	16

Optional courses

Choose courses totalling 12 ECTS from the following :

Chemistry

CHIM0081-1	<i>Industrial Chemistry Processes, structure of chemical industry</i> - Angélique LÉONARD - Suppl : Georges HEYEN	30	-	-	4
BIOL0114-4	<i>Electronic microscopies</i> - Philippe COMPÈRE	15	-	-	2
CHIM9236-1	<i>Microstructure of Materials : characterization techniques</i> - Catherine HENRIST	15	-	-	2
CHIM0641-1	<i>Electronic, optical and magnetic properties of solids</i> - Bénédicte VERTRUYEN	15	-	-	2
CHIM0642-1	<i>Molecular dynamics and photochemistry</i> - Bernard LEYH	30	-	-	4
BIOC0719-1	<i>Enzymology</i> - André MATAGNE	15	-	-	2
CHIM9258-1	(pas organisé en 2012-2013) <i>Thermodynamic and spectroscopic characterization of biomolecules</i> - N...	15	-	-	2
CHIM9259-2	<i>Analytical techniques in forensic chemistry</i> - JeanFrançois FOCANT	15	-	-	2
CHIM0218-1	<i>Elements of medicinal chemistry</i> - Bernard PIROTTE	15	-	-	2
AESS0255-1	<i>Introduction to chemistry didactics</i> - Bernard LEYH	15	-	-	2

Environmental management

ENVT0031-2	<i>Society / Environment (epistemology, law, economics and social sciences towards the environment)</i> - François MELARD, Marc MORMONT	24	12	-	3
ENVT0030-2	<i>Managing the environment (transitional issues, instruments, case studies)</i> - JeanMarie HAUGLUSTAINE, François MELARD, Marc MORMONT, Catherine MOUGENOT, Pierre M. STASSART	24	12	-	3
ENVT0034-1	<i>GIS data management</i> - Philippe ANDRE, Jacques NICOLAS, AnneClaude ROMAIN, Bernard TYCHON	12	12	-	2
ENVT0013-3	<i>Assessment tools (impact assessment, LCA)</i> - Alain HANSON, Jacques NICOLAS, Nathalie SEMAL	12	12	-	2
ENVT0848-3	<i>Impacts of human activities on ecosystems and including land use</i> - Célia JOAQUIMJUSTO, Angélique LÉONARD, Roberto RENZONI, Emmanuël SÉRUSIAUX	20	10	-	2

Notice : Students who choose the two courses from the "Environmental Science and Management" module will have direct access to the 2nd year of the Masters in Environmental Science and Management, organised on the Arlon campus. Other students will also have access to the 2nd year of the Masters in Environmental Science and Management, on the condition that they take courses corresponding to these 12 credits in addition to the 60 credits taken during this study year.