

First Year

First semester : Liège - Levelling and Introductory courses

Optional courses

Choose 6 courses out of the following :

Characterisation

GEOL0020-3	<i>Mineral resources</i> (english language) - Eric PIRARD		20	20	-	5
GEOL0312-2	<i>Process mineralogy</i> (english language) - Eric PIRARD	Q1	30	30	-	5

Processing

GEOL0314-1	<i>Mineral processing I - basics</i> (english language) - Stoyan GAYDARDZHIEV	Q1	30	30	-	5
GEOL0315-1	<i>Waste and by products processing</i> (english language) - Stoyan GAYDARDZHIEV	Q1	30	30	-	5

Modelling

MATH0006-3	<i>Introduction to numerical analysis</i> (english language) - Quentin LOUVEAUX	Q1	20	20	-	5
GEOL0097-1	<i>Geostatistics</i> (english language) - Eric PIRARD - [30h Labo., 30h Proj.]		30	-	[+]	5

Management

HULG0422-1	<i>Seminars and workshop : invited speakers on economic aspects of raw and secondary materials</i> (english language) - Jacques TACK		-	-	-	5
------------	--	--	---	---	---	---

Second semester - Nancy - Basic courses

Compulsory courses

Characterisation

HULG0417-1	<i>Advanced characterization of mineral surfaces</i> (english language) - N...		25	10	-	2,5
------------	--	--	----	----	---	-----

Processing

HULG0418-1	<i>Pilot plant project</i> (english language) - N...		10	40	-	5
HULG0419-1	<i>Advanced mineral processing</i> (english language) - N...		45	30	-	7,5
HULG0420-1	<i>Recycling</i> (english language) - N...		30	15	-	5

Modelling

HULG0421-1	<i>Geomodelling and 3D GIS</i> (english language) - N...		25	25	-	5
------------	--	--	----	----	---	---

Management

HULG0422-2	<i>Seminars and workshop : invited speakers on economic aspects of raw and secondary materials</i> (english language) - N...		-	-	-	5
------------	--	--	---	---	---	---

Second Year

Third semester - Lulea - Advanced courses

Compulsory courses

Characterisation

HULG0423-1	<i>Mining geology</i> (english language) - N...		45	30	-	7,5
------------	---	--	----	----	---	-----

Processing

HULG0424-1	<i>Mineral processing II</i> (english language) - N...		45	30	-	7,5
------------	--	--	----	----	---	-----

Management

HULG0426-1	<i>Geometallurgy</i> (english language) - N...		46	20	-	7,5
------------	--	--	----	----	---	-----

Optional courses

Choose one of the following courses :

HULG0425-1	<i>Simulation of mineral processing</i> (english language) - N...		40	35	-	7,5
HULG9143-1	<i>Senior Design Project in Mineral processing</i> (english language)		-	-	-	7,5

Fourth semester : Freiberg or Lulea or Nancy or Liège - Master thesis

Compulsory courses

ASTG0113-1	<i>Internship with one of the associate industrial partners</i> (english language) - N...		-	-	-	5
ATFE0020-1	<i>Master thesis</i> (english language) - N...		-	-	-	25