

Block view of the study programme

Or Th Pr Au Cr

Block 1

Further Informations

Cours au choix du tronc commun

Liege - Levelling and Introductory Courses

Choose 6 courses out of the following :

Characterization

GEOL0020-7	<i>Mineral resources</i> (english language) - Eric PIRARD - [1d FW, 26h Labo., 32h Proj.]	Q1	26	-	[+]	5
GEOL0312-1	<i>Process mineralogy</i> (english language) - Hassan BOUZHAAH, Eric PIRARD - [25h Labo., 15h Proj.]	Q1	25	-	[+]	5

Processing

GEOL0314-1	<i>Mineral processing I - basics</i> (english language) - Stoyan GAYDARDZHIEV - [30h Labo., 10h Proj., 1,5d FW]	Q1	30	-	[+]	5
GEOL0315-1	<i>Solid Waste and by products processing</i> (english language) - Stoyan GAYDARDZHIEV - [20h Labo., 7h Proj., 1,5d FW]	Q1	20	-	[+]	5

Modelling

MATH0006-3	<i>Introduction to numerical analysis</i> (english language) - Quentin LOUVEAUX	Q1	20	20	-	5
GEOL0097-2	<i>Geostatistics</i> (english language) - Eric PIRARD - [30h Labo.]	Q1	30	-	[+]	5

Management

GEOL1045-1	<i>Economic and societal issues in mining and recycling</i> (english language) - Eric PIRARD - [30h Proj., 2d FW]	Q1	15	-	[+]	5
GEOL0237-2	<i>Exploitation of mineral deposits</i> (english language) - Nicolas VASBINDER - [2d FW]	Q1	25	15	[+]	5

Cours obligatoires du tronc commun

Nancy - Basic Courses

Characterization

HULG0417-1	<i>Advanced characterization of mineral surfaces/water interface</i> (english language) - N...	Q2	35	10	-	5
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Processing

HULG0418-1	<i>Case study of ore processing</i> (english language) - N...	Q2	10	40	-	5
HULG0419-1	<i>Advanced mineral processing</i> (english language) - N...	Q2	57	18	-	8

Modelling

HULG0421-1	<i>Resources modelling and evaluation</i> (english language) - N...	Q2	25	25	-	5
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Management

HULG9270-1	<i>Management of resources</i> (english language) - N...	Q2	25	25	-	5
HULG9342-1	<i>Exploitation of mineral raw materials and environmental impact of mining</i> (english language)	Q2	9	16	-	2

Block 2

Focus courses

Choose one module from :

Lulea - Advanced Courses

Characterization

HULG0423-1 *Mining geology (english language) - N...* Q1 45 30 - **7,5**

Processing

HULG0424-1 *Mineral processing II (english language) - N...* Q1 45 30 - **7,5**

Modelling

HULG0426-1 *Geometallurgy (english language) - N...* Q1 46 20 - **7,5**

Choose one course from the following :

HULG0425-1 *Simulation of mineral processing (english language) - N...* Q1 40 35 - **7,5**

HULG9143-1 *Senior Design Project in Mineral processing (english language)* Q1 - - - **7,5**

Freiberg - Advanced Courses

this course list is for students enrolled in Block 1 of the master's degree in 2018-2019.

Choix d'une liste de cours

List 1

Processing

HULG9343-1 *Project-Process Design Mineral Processing/Recycling (english language)* Q1 15 90 - **8**

HULG9383-1 *Selective Separation of Strategic Elements (english language)* Q1 30 30 - **5**

HULG9384-1 *Thermodynamics and Heat Transfer (english language)* Q1 15 30 - **4**

HULG9385-1 *Practice of secondary raw materials (english language)* Q1 15 60 - **4**

Management

HULG9386-1 *Resource Management (english language)* Q1 30 30 - **6**

Choose one course from the following :

HULG9387-1 *Simulation of sustainable nonferrous metallurgical process systems (english language)* Q1 30 - - **6**

HULG9388-1 *Mineral Liberation Analysis of Mineral Resources (english language)* Q1 30 - - **3**

List 2

Processing

HULG9343-1 *Project-Process Design Mineral Processing/Recycling (english language)* Q1 15 90 - **5**

HULG9805-1 *Training in Particle Technology (english language)* Q1 - - - **4**

HULG9806-1 *Recycling - Technology for secondary raw materials (english language)* Q1 - - - **6**

HULG9385-1 *Practice of secondary raw materials (english language)* Q1 15 60 - **4**

HULG9386-1 *Resource Management (english language)* Q1 30 30 - **6**

Choose one course from the following :

HULG9807-1 *Simulation of Sustainable Metallurgical Process (english language)* Q1 - - - **6**

HULG9383-1 *Selective Separation of Strategic Elements (english language)* Q1 30 30 - **5**

Cours obligatoires du tronc commun

Freiberg or Lulea or Nancy or Liege - Master Thesis

ASTG0113-1	<i>Internship with one of the associate industrial partners (english language) - N...</i>	Q2	-	-	-	5
ATFE0020-1	<i>Master thesis (english language) - N...</i>	Q2	-	-	-	25