

Cycle view of the study programme

Bl Or Th Pr Au Cr

Optional courses (B1 : 30Cr)

Liege - Levelling and Introductory Courses

Choose 6 courses out of the following : (B1 : 30Cr)

Characterization

GEOL0020-7 *Mineral resources* (english language) - Eric PIRARD - [1d FW, 30h Labo., 32h Proj.] B1 Q1 30 - [+] 5

GEOL0312-2 *Process mineralogy* (english language) - Eric PIRARD B1 Q1 30 30 - 5

Processing

GEOL0314-1 *Mineral processing I - basics* (english language) - Stoyan GAYDARDZHIEV - [30h Labo., 10h Proj., 1,5d FW] B1 Q1 30 - [+] 5

GEOL0315-1 *Solid Waste and by products processing* (english language) - Stoyan GAYDARDZHIEV - [20h Labo., 7h Proj., 1,5d FW] B1 Q1 20 - [+] 5

Modelling

MATH0006-3 *Introduction to numerical analysis* (english language) - Quentin LOUVEAUX B1 Q1 20 20 - 5

GEOL0097-2 *Geostatistics* (english language) - Eric PIRARD - [30h Labo.] B1 Q1 30 - [+] 5

Management

HULG0422-1 *Economic and Societal Issues in Mining (Seminars and workshops)* (english language) - Jacques TACK B1 - - - 5

Compulsory courses (B1 : 30Cr, B2 : 22,5Cr)

Nancy - Basic Courses

Characterization

HULG0417-1 *Advanced characterization of mineral surfaces* (english language) - N... B1 Q2 25 10 - 2,5

Processing

HULG0418-1 *Pilot plant project* (english language) - N... B1 Q2 10 40 - 5

HULG0419-1 *Advanced mineral processing* (english language) - N... B1 Q2 45 30 - 7,5

HULG0420-1 *Recycling* (english language) - N... B1 Q2 30 15 - 5

Modelling

HULG0421-1 *Geomodelling and 3D GIS* (english language) - N... B1 Q2 25 25 - 5

Management

HULG9270-1 *Seminars and workshop : Invited speakers on economic aspects of raw and secondary materials* (english language) - N... B1 - - - 5

Lulea - Advanced courses

Characterization

HULG0423-1 *Mining geology* (english language) - N... B2 Q2 45 30 - 7,5

Processing

HULG0424-1 *Mineral processing II* (english language) - N... B2 Q1 45 30 - 7,5

Management

HULG0426-1 *Geometallurgy* (english language) - N... B2 Q1 46 20 - 7,5

Optional courses (B2 : 7,5Cr)

Choose one of the following courses : (B2 : 7,5Cr)

HULG0425-1	<i>Simulation of mineral processing</i> (english language) - N...	B2	Q1	40	35	-	7,5
HULG9143-1	<i>Senior Design Project in Mineral processing</i> (english language)	B2	Q1	-	-	-	7,5

Compulsory courses (B2 : 30Cr)

Freiberg or Lulea or Nancy or Liege - Master Thesis

ASTG0113-1	<i>Internship with one of the associate industrial partners</i> (english language) - N...	B2	Q2	-	-	-	5
ATFE0020-1	<i>Master thesis</i> (english language) - N...	B2	Q2	-	-	-	25

Programme transitoire à destination des étudiants ayant réussi leur master 1 de "Master en ingénieur civil des mines et géologue, à finalité approfondie (EMERALD)" en 2014-2015

Compulsory courses (B1 : 52,5Cr)

Third semester - Lulea - Advanced courses

Characterisation

HULG0423-1	<i>Mining geology</i> (english language) - N...	B1	Q2	45	30	-	7,5
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Processing

HULG0424-1	<i>Mineral processing II</i> (english language) - N...	B1	Q1	45	30	-	7,5
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Management

HULG0426-1	<i>Geometallurgy</i> (english language) - N...	B1	Q1	46	20	-	7,5
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Fourth semester : Freiberg or Lulea or Nancy or Liège - Master thesis

ASTG0113-1	<i>Internship with one of the associate industrial partners</i> (english language) - N...	B1	Q2	-	-	-	5
ATFE0020-1	<i>Master thesis</i> (english language) - N...	B1	Q2	-	-	-	25

Optional courses (B1 : 7,5Cr)

Third semester - Lulea - Advanced courses

Choose one of the following courses : (B1 : 7,5Cr)

HULG0425-1	<i>Simulation of mineral processing</i> (english language) - N...	B1	Q1	40	35	-	7,5
HULG9143-1	<i>Senior Design Project in Mineral processing</i> (english language)	B1	Q1	-	-	-	7,5