

Further Informations

**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

GEOL0312-1 *Process mineralogy* (english language) - Eric PIRARD - [25h Labo., 15h Proj.] B1 Q1 25 - [+] 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) - Thomas HERMANS, Eric PIRARD - [30h Labo.] B1 Q1 30 - [+] 5

**Management**

GEOL1045-1 *Economic and societal issues in mining* (english language) - Eric PIRARD - [30h Proj., 2d FW] B1 Q1 15 - [+] 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

**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 - 8

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	<i>Geometalurgy</i> (english language) - N...	B2	Q1	46	20	-	<b>7,5</b>
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**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	-	<b>7,5</b>
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HULG9143-1	<i>Senior Design Project in Mineral processing</i> (english language)	B2	Q1	-	-	-	<b>7,5</b>
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**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	-	-	-	<b>5</b>
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ATFE0020-1	<i>Master thesis</i> (english language) - N...	B2	Q2	-	-	-	<b>25</b>
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