

First Year

First semester : Liège - Levelling and Introductory courses

Characterisation

Optional courses

Choose one of the following courses :

Mandatory for non-geologists

GEOL0020-3 *Mineral resources* (english language) - Eric PIRARD 20 20 - 5

Mandatory for geologists

MATH0006-3 *Introduction to numerical analysis* (english language) - Quentin LOUVEAUX -
Suppl : Christophe GEUZAINÉ 20 20 - 5

All others

[...] Elective course in Geological Engineering programs (ex. Geophysics,
Hydrogeology,...)

Compulsory courses

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

Processing

GEOL0314-1 *Mineral processing I - basics* (english language) - Stoyan GAYDARDZHIEV 30 30 - 5

GEOL0315-1 *Waste and by products processing* (english language) - Stoyan GAYDARDZHIEV 30 30 - 5

Modelling

GEOL0097-1 *Geostatistics* (english language) - Eric PIRARD 20 20 - 5

Management

HULG0422-1 *Seminars and workshop : invited speakers on economic aspects of raw and secondary materials* (english language) - N... - - - 5

Second semester - Nancy - Basic courses

Compulsory courses

Characterisation

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

Processing

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

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

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

Modelling

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

Management

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

Second Year

Third semester - Lulea - Advanced courses (projection pour 2014-2015)

Compulsory courses

Characterisation

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

Processing

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

Modeling

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

Management

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

Fourth semester : Freiberg or Lulea or Nancy or Liège - Master thesis (projection pour 2014-2015)

Compulsory courses

[...] Specialized courses (elective)

ASTG0113-1	<i>Internship with one of the associate industrial partners</i> (english language)	-	-	-	5
ATFE0020-1	<i>Master thesis</i> (english language)	-	-	-	20