

Third Year

Compulsory courses

Tools

Notice : Carried out over four weeks, including exams

GEOL0234-1	<i>Modelling and inversion in geophysics</i> - Frédéric NGUYEN	15	15	-	2,5
GEOL0083-2	<i>Groundwater Modelling</i> - Alain DASSARGUES	15	15	-	2,5
GEOL0236-1	<i>Geological teledetection</i> - Eric PIRARD, Philippe TREFOIS	15	15	-	2,5
GEOL0097-2	<i>Geostatistics</i> - Eric PIRARD	15	15	-	2,5

Applications

Notice : Carried out over four weeks, including exams

GEOL0285-1	<i>Mineral geology and mineral engineering</i> - Stoyan GAYDARDZHIEV, Pierre GOOSSENS	15	15	-	2,5
GEOL0238-1	<i>Groundwater production, protection and remediation</i> - Alain DASSARGUES	15	15	-	2,5
GEOL0239-1	<i>Geohazards</i> - N...	15	15	-	2,5

Multidisciplinary Project

Notice : Group work integrating all aspects studied. Large scale Geological Engineering work or large scale Mineral industry work and their environmental impact.

GEOL0240-1	<i>Group multidisciplinary project</i> - Stoyan GAYDARDZHIEV	-	90	-	6,5
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Geological map survey

GEOL0073-1	<i>Geological surveying</i> - Hans-Balder HAVENITH - [30d FW]	-	-	[+]	6,5
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Optional Module

Choose one of the following courses :

GEOL0241-1	<i>Waste valorisation and storage</i> - Luc COURARD, Jean-Marie RIGO	15	15	-	2,5
META0024-1	<i>Biométallurgie</i> - N...	15	15	-	2,5

With the approval of the President of the Board of Studies, this course can be replaced by an equivalent in a school or Erasmus partner university (Building department or the Geology license).

ASTG0008-1	<i>Placement</i> - N...	-	-	-	5
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Notice : Minimum six weeks, with a report to be written.

ATFE0001-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	22
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Notice : Preferably carried out within the framework of the training programme.

Final year trip: at the beginning of the academic year, prior to the organisation of the courses, guided tours to companies, geological sites (optional).