

#### Cycle view of the study programme

B1 Or Th Pr Au Cr

#### Further Informations

#### Compulsory Courses (B1 : 60Cr, B2 : 60Cr)

##### Prerequisites in Structural engineering :

30 ECTS credits of courses within a minor in Structural Engineering. This program has to receive the preliminary agreement of the Jury.

GCIV0643-1	<i>Prestressed concrete structures and masonry</i> - Hervé DEGÉE, Boyan MIHAYLOV - [1d FW, 20h Proj.]	B1	Q1	30	30	[+]	5
GCIV0644-1	<i>Metallic and Steel-Concrete composite Structures</i> - JeanFrançois DEMONCEAU, JeanPierre JASPART - [1d FW, 20h Proj.]	B1	Q2	40	20	[+]	5
GCIV0185-7	<i>Straight-line Numerical Methods for Civil Engineering and Geology</i> - Laurent DUCHENE, Michel PIROTON - [30h Proj.]	B1	Q1	25	35	[+]	5
GCIV2037-1	<i>Structures analysis</i> - Vincent DENOËL, Philippe RIGO - [15h Proj.]	B1	Q2	35	30	[+]	5
GCIV0646-1	<i>Buildings conception and execution</i> - JeanFrançois DEMONCEAU, JeanMarc FRANSSSEN, Boyan MIHAYLOV - [1d FW]	B1	Q2	40	-	[+]	5
GCIV0607-2	<i>Structures Analysis I</i> - JeanMarc FRANSSSEN	B1	Q1	35	30	-	5
The jury can approved to replace the above courses by courses followed in another institution in the field of structural engineering (structural mechanics, building materials, structural analysis, design of structures, ...)							
GCIV0637-1	<i>Design for fire and robustness (english language)</i> - JeanFrançois DEMONCEAU, Thomas GERNAY	B1	Q1	30	30	-	6
GCIV0629-1	<i>Conceptual design of buildings (english language)</i> - JeanFrançois DEMONCEAU, JeanMarc FRANSSSEN, JeanPierre JASPART	B2	Q2	30	30	-	6
GCIV0630-1	<i>Conceptual design of bridges (english language)</i> - Vincent DE VILLE DE GOYET, Laurent DUCHENE, JeanPierre JASPART	B2	Q2	30	30	-	6
LANG2961-1	<i>Local culture and language (english language)</i> - Véronique DOPPAGNE, ISLV, Aline KOOLEN	B2	Q2	20	5	-	2
GCIV0639-1	<i>Advanced design of timber structures (english language)</i> - JeanMarc FRANSSSEN	B2	Q2	25	25	-	5
GCIV0640-1	<i>Advanced design of concrete structures (english language)</i> - Boyan MIHAYLOV	B2	Q2	25	25	-	5
GCIV0635-1	<i>Advanced design of steel and composite structures (english language)</i> - JeanFrançois DEMONCEAU	B1	Q1	30	30	-	6
GCIV0636-1	<i>Design for seismic and climate changes (english language)</i> - JeanFrançois DEMONCEAU	B1	Q1	30	30	-	6
GCIV0628-1	<i>Design of sustainable constructions (english language)</i> - JeanPierre JASPART	B2	Q2	30	30	-	6
GCIV0638-1	<i>Business economics and entrepreneurship (english language)</i> - N...	B1	Q1	20	5	-	2
GCIV0632-1	<i>Advanced design of glass structures (english language)</i> - JeanPierre JASPART	B1	Q1	25	25	-	5
GCIV0634-1	<i>Rehabilitation and maintenance of structures (english language)</i> - Luc COURARD, Thomas GERNAY	B1	Q1	25	25	-	5
ATFE0019-1	<i>Theses (english language)</i> - COLLÉGIALITÉ	B2	Q2	-	-	-	28
MECA0510-1	<i>Introduction to methodology and research (english language)</i> - COLLÉGIALITÉ	B2	Q2	-	-	-	2