

## Block view of the study programme

Or Th Pr Au Cr

### Bloc 1 du programme de l'année

#### Compulsory Courses

*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.]	Q1	30	30	[+]	5
GCIV0644-1	<i>Metallic and Steel-Concrete composite Structures</i> - JeanFrançois DEMONCEAU, JeanPierre JASPART - [1d FW, 20h Proj.]	Q2	40	20	[+]	5
GCIV0185-7	<i>Straight-line Numerical Methods for Civil Engineering and Geology</i> - Laurent DUCHENE, Michel PIROTON - [30h Proj.]	Q1	25	35	[+]	5
GCIV2037-1	<i>Structures analysis</i> - Vincent DENOËL, Philippe RIGO - [15h Proj.]	Q2	35	30	[+]	5
GCIV0646-1	<i>Buildings conception and execution</i> - JeanFrançois DEMONCEAU, JeanMarc FRANSSSEN, Boyan MIHAYLOV - [1d FW]	Q2	40	-	[+]	5
GCIV0607-2	<i>Structures Analysis I</i> - JeanMarc FRANSSSEN	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, ...)

GCIV0628-1	<i>Design of sustainable constructions</i> (english language) - JeanPierre JASPART	Q2	30	30	-	6
GCIV0629-1	<i>Conceptual design of buildings</i> (english language) - JeanFrançois DEMONCEAU, JeanMarc FRANSSSEN, JeanPierre JASPART	Q2	30	30	-	6
GCIV0630-1	<i>Conceptual design of bridges</i> (english language) - Hervé DEGÉE, Vincent DE VILLE DE GOYET	Q2	30	30	-	6
LANG2961-1	<i>Local culture and language</i> (english language)	Q2	20	5	-	2
GCIV0639-1	<i>Design for renewable energy systems</i> (english language)	Q2	25	25	-	5
GCIV0640-1	<i>Advanced design of concrete structures</i> (english language) - Boyan MIHAYLOV	Q2	25	25	-	5