

## First Year

### Compulsory courses

ARCH0002-1	<i>Methodology of Architectural Projects I</i> - Pierre LECLERCQ	30	60	-	<b>8</b>
ARCH0003-4	<i>Method of construction of buildings I (Part 1)</i> - N... - Suppl : Mauro BACCARINI - [2,5d FW]	30	30	[+]	<b>5</b>
ARCH0067-5	<i>Architecture and Urban Design History I</i> - Jean-Claude CORNESSE	45	-	-	<b>4</b>
ARCH0066-2	<i>Introduction to the Composition and Graphic Expression</i> - Jean-Claude CORNESSE	20	40	-	<b>5</b>
CHIM0603-3	<i>Chemistry</i> - Benoît HEINRICH - [12h Labo.]	40	30	[+]	<b>6</b>
LANG0038-1	<i>English</i> - Christine FILOT, ISLV	60	-	-	<b>4</b>
MATH0001-2	<i>Graphic Communication</i> - Eric BÉCHET	20	20	-	<b>4</b>
MATH0002-3	<i>Mathematical Analysis I</i> - Eric DELHEZ	50	40	-	<b>8</b>
MATH0003-1	<i>Geometry</i> - Pierre LECOMTE	25	15	-	<b>3</b>
MATH0013-1	<i>Algebra</i> - Eric DELHEZ	30	20	-	<b>3</b>
PHYS2020-2	<i>Physics 1 : Mechanics</i> - Hervé CAPS	25	25	-	<b>5</b>
PHYS2021-1	<i>Physics 2 : Electricity and electromagnetism</i> - Hervé CAPS	30	30	-	<b>5</b>
	Annual study trip : guided tours on architectural and urbanistic achievements (optional).				
	A visit to a business (optional).				
	Engineering jobs and careers : compulsory seminars				

## Second Year

### Compulsory courses

ARCH0003-6	<i>Method of construction of buildings I (Part 2)</i> - N... - Suppl : Mauro BACCARINI - [2,5d FW]	-	30	[+]	<b>4</b>
ARCH0006-2	<i>Methodology of Architectural Projects II</i> - Pierre LECLERCQ	40	50	-	<b>8</b>
ARCH0071-2	<i>Architecture and Urban Design History II</i> - Jean-Claude CORNESSE	45	-	-	<b>4</b>
ARCH0070-1	<i>Workshops in architecture</i> - Jacques TELLER	-	90	-	<b>9</b>
INFO2009-1	<i>Introduction to computer science</i> - Benoît DONNET	25	20	-	<b>3</b>
MATH0478-1	<i>Introduction to numerical methods</i> - Quentin LOUVEAUX	10	10	-	<b>2</b>
MECA0001-1	<i>Mechanics of materials</i> - Anne HABRAKEN, Jean-Pierre JASPART	30	30	-	<b>5</b>
MECA0011-1	<i>Fluid Mechanics : Basics</i> - Michel PIROTON	30	30	-	<b>5</b>
MECA0012-5	<i>Solid mechanics</i> - Laurent DUCHENE, Anne HABRAKEN	30	30	-	<b>5</b>
GCIV0184-5	<i>Building Materials</i> - Luc COURARD - [1d FW]	30	30	[+]	<b>5</b>
GEOL0001-1	<i>Geology and Geology for Engineers</i> - Alain DASSARGUES - [2d FW]	35	25	[+]	<b>5</b>
MECA0445-1	<i>Transfers of heat and matter</i> - Michel HOGGE	30	30	-	<b>5</b>
	Annual study trip : guided tours on architectural and urbanistic achievements (optional).				

## Third Year

### Compulsory courses

ARCH0009-3	<i>Building techniques II</i> - N... - Suppl : Marie-Eve DAMMOUS, Sigrid REITER - [2,5d FW]	30	60	[+]	<b>8</b>
ARCH0017-4	<i>Computer Aided Architectural Design</i> - Pierre LECLERCQ	20	70	-	<b>8</b>
ARCH0062-3	<i>Architecture workshops II</i> - Jacques TELLER - [1d FW]	-	90	[+]	<b>8</b>
ARCH0068-4	<i>Urban design and site analysis</i> - Jacques TELLER	15	15	-	<b>2</b>
ARCH0069-1	<i>Project management I</i> - N... - Suppl : Pierre LECLERCQ, Dimitri SCHMITZ - [2,5d FW]	15	15	[+]	<b>3</b>
GCIV0603-2	<i>Geotechnics and infrastructure</i> - Robert CHARLIER - [1d FW]	30	30	[+]	<b>5</b>
GCIV0604-1	<i>Hydraulics</i> - Michel PIROTON	15	15	-	<b>3</b>
GCIV0097-1	<i>Steel and concrete constructions I</i> - Jean-Pierre JASPART - Suppl : Sorin-Ioan DAN	30	30	-	<b>5</b>
INFO0026-1	<i>Computer Graphics</i> - Eric BÉCHET	20	20	-	<b>2</b>
MATH0008-2	<i>Introduction to probability and statistics (english language)</i> - Kristel VAN STEEN	15	15	-	<b>3</b>
MECA0441-1	<i>Theoretical and applied Thermodynamics and Introduction to Heat Engines</i> - Olivier LÉONARD	30	30	-	<b>5</b>
GCIV0624-1	<i>Structural mechanics</i> - Jean-Marc FRANSSSEN	40	50	-	<b>8</b>

Study programmes 2011-2012

Faculty of Applied Sciences

Bachelor in engineering sciences, civil engineer in architecture orientation

Annual study trip : guided tours on architectural and urbanistic achievements  
(optional).