

## Cycle view of the study programme

Bl Or Th Pr Au Cr

### Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr)

ARCH0002-1	<i>Methodology of Architectural Projects I : functional and ergonomical composition</i> - Pierre LECLERCQ - [1d FW, 100h Proj.] <b>Corequisite :</b> ARCH0066-2 - Ateliers d'architecture IB-Composition architecturale ARCH3275-1 - Techniques de construction durable des bâtiments IA - éléments - Partie A	B1	TA	30	60	[+]	8
ARCH3259-1	<i>Sustainable building construction techniques IB - elements - Part B</i> - Shady ATTIA - [1d FW, 30h Proj.] <b>Corequisite :</b> ARCH0066-2 - Ateliers d'architecture IB-Composition architecturale ARCH3275-1 - Techniques de construction durable des bâtiments IA - éléments - Partie A	B1	Q2	12	24	[+]	3
ARCH3270-1	<i>Architectural studio IA: Graphic composition</i> - Catherine ELSESEN - [1d FW, 35h Proj.]	B1	Q1	10	40	[+]	4
ARCH0066-2	<i>Architectural studio IB: architectural composition</i> - Catherine ELSESEN - [1d FW, 25h Proj.] <b>Corequisite :</b> ARCH0002-1 - Méthodologie du projet architectural I : composition fonctionnelle et ergonomique ARCH3259-1 - Techniques de construction durable des bâtiments IB - éléments - Partie B ARCH3270-1 - Ateliers d'architecture IA-Composition graphique	B1	Q2	10	40	[+]	4
CHIM9272-2	<i>Chemistry 1</i> - Benoît HEINRICHS - [4h Labo.]	B1	Q1	25	20	[+]	4
CHIM9273-2	<i>Chemistry 2, Part A</i> - Benoît HEINRICHS - [8h Labo.] <b>Corequisite :</b> CHIM9272-2 - Chimie 1	B1	Q2	15	10	[+]	2
LANG0038-1	<i>English (english language)</i> - Sébastien SCHOENMAECKERS - [5h Proj.]	B1	TA	6	46	[+]	4
MATH0002-4	<i>Mathematical analysis 1, Part 1</i> - Eric DELHEZ	B1	Q1	22	22	-	5
MATH0066-1	<i>Complement of mathematics 2</i> - Patricia TOSSINGS - Suppl : Eric DELHEZ	B1	Q2	26	26	-	4
MATH0013-1	<i>Algebra</i> - Eric DELHEZ	B1	Q1	26	26	-	4
PHYS2020-1	<i>Physics 1: Mechanics</i> - Hervé CAPS	B1	Q1	20	20	-	4
PHYS2021-1	<i>Physics 2: Electricity and electromagnetism</i> - Hervé CAPS	B1	Q2	26	26	-	5
ARCH3275-1	<i>Sustainable building construction techniques: elements</i> - Shady ATTIA	B1	Q1	16	36	-	5
ARCH2224-1	<i>Architectural culture 2 - history of construction - Antiquity to the 19th century</i> - Philippe SOSNOWSKA	B1	Q2	40	-	-	4

Engineering jobs and careers : compulsory seminars

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

A visit to a business (optional).

ARCH0006-2	<i>Methodology of Architectural Projects II : bioclimatic composition</i> - Pierre LECLERCQ - [1d FW, 85h Proj.] <b>Corequisite :</b> ARCH0002-1 - Méthodologie du projet architectural I : composition fonctionnelle et ergonomique	B2	TA	40	50	[+]	8
ARCH3260-1	<i>Architectural studio II</i> - <i>Introduction</i> - Catherine ELSESEN - [1d FW, 85h Proj.] - <i>Supplement</i> - Catherine ELSESEN - [40h Proj.] <b>Corequisite :</b> ARCH0002-1 - Méthodologie du projet architectural I : composition fonctionnelle et ergonomique ARCH3259-1 - Techniques de construction durable des bâtiments IB - éléments - Partie B ARCH0066-2 - Ateliers d'architecture IB-Composition architecturale	B2	TA	20	70	[+]	8
ARCH0079-1	<i>Sustainable building construction techniques II : envelope</i> - Shady ATTIA - [40h Proj.]	B2	Q1	15	30	[+]	5

	<b>Corequisite :</b> ARCH0006-2 - Méthodologie du projet architectural II : composition bioclimatique								
INFO2009-2	<i>Introduction to computer science</i> - Bernard BOIGELOT	B2	Q1	24	14	-			<b>4</b>
MECA0001-2	<i>Mechanics of materials</i> - JeanFrançois DEMONCEAU, Laurent DUCHENE - [2h Labo., 12h Proj.]	B2	Q1	27	25	[+]			<b>5</b>
MECA0011-2	<i>Fluid Mechanics : Basics</i> - Michel PIROTON - [25h Proj.]	B2	Q2	20	30	[+]			<b>4</b>
	<b>Prerequisite :</b> MATH0066-1 - Compléments de mathématiques 2 PHYS2020-1 - Physique 1 : Mécanique								
	<b>Corequisite :</b> MECA0001-2 - Mécanique des matériaux								
MECA0012-6	<i>Solid mechanics</i> - Laurent DUCHENE - [15h Proj.]	B2	Q2	26	26	[+]			<b>5</b>
	<b>Corequisite :</b> MATH0002-4 - Analyse mathématique 1 MATH0013-1 - Algèbre PHYS2020-1 - Physique 1 : Mécanique MECA0001-2 - Mécanique des matériaux								
GCIV0184-5	<i>Building Materials</i> - Luc COURARD, Anne HABRAKEN - [0,5d FW, 12h Labo., 12h Proj.]	B2	Q2	36	16	[+]			<b>5</b>
	<b>Corequisite :</b> CHIM9272-2 - Chimie 1 CHIM9273-2 - Chimie 2 MECA0012-6 - Mécanique des solides								
GEOL0001-1	<i>Geology and Engineering geology</i> - Serge BROUYÈRE, Philippe ORBAN - [2d FW]	B2	Q2	30	22	[+]			<b>5</b>
MECA0445-2	<i>Heat transfer (english language)</i> - Pierre DEWALLEF, Vincent TERRAPON - [9h Proj.]	B2	Q2	28	24	[+]			<b>5</b>
ARCH1014-1	<i>Architectural culture 1: History and theory of architecture - 19th century to 1940</i> - Silvia GROAZ	B2	Q2	40	-	-			<b>4</b>
ARCH3274-1	<i>User-centred approaches to architecture and engineering</i> - Catherine ELSEN - [30h Proj., 1d FW]	B2	Q2	10	10	[+]			<b>2</b>
Annual study trip : guided tours on architectural and urbanistic achievements (optional).									
ARCH0009-3	<i>Sustainable building construction techniques III: networks</i> - Shady ATTIA - [1d FW, 45h Proj.]	B3	Q1	17	35	[+]			<b>5</b>
	<b>Prerequisite :</b> ARCH3259-1 - Techniques de construction durable des bâtiments IB - éléments - Partie B								
ARCH0017-4	<i>Digital architectural modeling</i> - Aurélie DE BOISSIEU - [98h Proj.]	B3	Q2	20	70	[+]			<b>8</b>
ARCH3262-1	<i>Architectural studio III A</i> - Shady ATTIA - [1d FW, 55h Proj.]	B3	Q1	10	35	[+]			<b>5</b>
	<b>Corequisite :</b> ARCH3260-1 - Ateliers d'architecture II ARCH0079-1 - Techniques de construction durable des bâtiments II : Enveloppe								
ARCH3263-1	<i>Architectural studio III B</i> - Sigrid REITER - [1d FW, 55h Proj.]	B3	Q2	10	35	[+]			<b>4</b>
	<b>Corequisite :</b> ARCH3262-1 - Ateliers d'architecture III A ARCH0068-6 - Urban Analytics ARCH0017-4 - Modélisation architecturale numérique								
GCIV0646-2	<i>Buildings conception and execution</i> - <i>Basic concepts</i> - Nenad BIJELIC, JeanFrançois DEMONCEAU, Boyan MIHAYLOV - [1d FW] - <i>Projects</i> - Nenad BIJELIC, JeanFrançois DEMONCEAU - [40h Proj.]	B3	Q2	24	-	[+]			<b>4</b>
ARCH0068-6	<i>Urban Analytics</i> - <i>Theory</i> - Jacques TELLER - <i>Practice</i> - Jacques TELLER - [30h Proj.]	B3	Q1	15	20	-			<b>5</b>
				-	20	[+]			

	- <i>Sustainability and transition</i> - Sybille MERTENS DE WILMARS, Jacques TELLER		12	-	-		
GCIV0603-2	<i>Geotechnics and infrastructure</i> - Bertrand FRANÇOIS - [1d FW, 2h Labo.] <b>Prerequisite :</b> MECA0001-2 - Mécanique des matériaux MECA0011-2 - Eléments de mécanique des fluides <b>Corequisite :</b> GEOL0001-1 - Géologie et géologie de l'ingénieur	B3	Q2	26	26	[+]	5
GCIV0608-1	<i>Introduction to Structures engineering</i> - JeanFrançois DEMONCEAU, Vincent DENOËL - Suppl : Kevin THEUNISSEN - [4d FW, 40h Proj.] <b>Prerequisite :</b> MECA0001-2 - Mécanique des matériaux	B3	Q1	12	12	[+]	5
GCIV2172-1	<i>Metallic Elements Calculation</i> - JeanFrançois DEMONCEAU - [1d FW, 10h Proj.]	B3	Q2	26	26	[+]	5
GCIV2173-1	<i>Reinforced concrete</i> (english language) - Boyan MIHAYLOV - [1d FW, 10h Proj.] <b>Prerequisite :</b> MECA0001-2 - Mécanique des matériaux MECA0012-6 - Mécanique des solides	B3	Q2	26	26	[+]	5
MATH0067-1	<i>Introduction to statistics and probability</i> - Vincent DENOËL - Suppl : Kevin THEUNISSEN - [15h Proj.] <b>Prerequisite :</b> MATH0002-4 - Analyse mathématique 1	B3	Q1	20	25	[+]	2
MECA0512-1	<i>Thermodynamics and heat engines : applications in building industry</i> - Vincent LEMORT	B3	Q2	26	26	-	4
GEOG2053-1	<i>Introduction to Urban GIS</i> - Roland BILLEN	B3	Q1	20	20	-	3
Annual study trip : guided tours on architectural and urbanistic achievements (optional).							

*Notice* : with the agreement of the President of the jury, students can also choose a course from catalogue UNIC.

### Learning support activities (B1 : 1Cr)

#### Aimed at students who have acquired less than 30 credits.

##### Faculty activity

AREM0013-1	<i>Getting the year off to a good start in the Faculty of School of Engineering</i> - AnneFrance LANOTTE, Patricia TOSSINGS - [4h REM]	B1	Q1	-	-	[+]	-
------------	--	----	----	---	---	-----	---

##### Cross-disciplinary activities

IREM0009-1	<i>Hebdo MethodO: additional support linked to the context of repeating a year</i> - Sylviane HUBERT, AnneFrance LANOTTE - [5h REM]	B1	TA	-	-	[+]	-
IREM0010-1	<i>Getting B1 off to a good start</i> - Sylviane HUBERT, AnneFrance LANOTTE - [2h REM]	B1	Q1	-	-	[+]	-
IREM0018-1	<i>Maintaining or rediscovering your motivation if you have to repeat a year (Q1)</i> - Céline MATHY, Sandrine WUIDART - [2h REM]	B1	Q1	-	-	[+]	-
LREM0010-1	<i>Taking stock of your skills in French (Q1)</i> - Samia HAMMAMI, Frédéric SAENEN - [15h REM]	B1	Q1	-	-	[+]	-

#### Aimed at students with reduced hours (art. 150)

- To consult the list of courses, click on this link: <https://www.student.uliege.be/student/remediations-allegement150>
- To add these courses to your SAP, please contact the student affairs office

#### Aimed at all students in block 1.

- To consult the list of courses, click on this link: <https://www.student.uliege.be/student/remediations-toutpublic>

- To add these courses to your SAP, please contact the student affairs office