Cycle view of the study programme

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

		Bl	Or	Th	Pr	Au	Cr
ARCH0002-1	*Methodology of Architectural Projects I : functional and ergonomical composition* - Pierre LECLERCQ - [1d FW, 100h Proj.] **Corequisite :** 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	*Sustainable building construction techniques IB - elements - Part B* - Shady ATTIA - [1d FW, 30h Proj.] **Corequisite :** 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	*Architectural studio IA: Graphic composition* - Catherine ELSEN - [1d FW, 35h Proj.]	B1	Q1	10	40	[+]	**4**
ARCH0066-2	*Architectural studio IB: architectural compositon* - Catherine ELSEN - [1d FW, 25h Proj.] **Corequisite :** 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	*Chemistry 1* - Benoît HEINRICHS - [4h Labo.]	B1	Q1	25	20	[+]	**4**
CHIM9273-2	*Chemistry 2, Part A* - Benoît HEINRICHS - [8h Labo.] **Corequisite :** CHIM9272-2 - Chimie 1	B1	Q2	15	10	[+]	**2**
LANG0038-1	*English* (english language) - Sébastien SCHOENMAECKERS - [5h Proj.]	B1	TA	6	46	[+]	**4**
MATH0002-4	*Mathematical analysis 1, Theory and applications* - Eric DELHEZ	B1	Q1	22	22	-	**5**
MATH0066-1	*Complement of mathematics 2* - Patricia TOSSINGS	B1	Q2	26	26	-	**4**
MATH0013-1	*Algebra* - Eric DELHEZ	B1	Q1	26	26	-	**4**
PHYS2020-1	*Physics 1: Mechanics* - Hervé CAPS	B1	Q1	20	20	-	**4**
PHYS2021-1	*Physics 2: Electricity and electromagnetism* - Hervé CAPS	B1	Q2	26	26	-	**5**
ARCH3275-1	*Sustainable building construction techniques: elements* - Shady ATTIA	B1	Q1	16	36	-	**5**
ARCH2224-1	*Architectural culture 2 - history of construction - Antiquity to the 19th century* - Philippe SOSNOWSKA	B1	Q2	40	-	-	**4**

Engineering jobs and careers : compulsory seminars

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

Architectural visit (mandatory)

ARCH0006-2	*Methodology of Architectural Projects II : bioclimatic composition* - Pierre LECLERCQ - [1d FW, 85h Proj.] **Corequisite :** ARCH0002-1 - Méthodologie du projet architectural I : composition fonctionnelle et ergonomique	B2	TA	40	50	[+]	**8**
ARCH3260-1	*Architectural studio II* - *Introduction* - Catherine ELSEN - [1d FW, 85h Proj.] - *Supplement* - Catherine ELSEN - [40h Proj.] **Corequisite :** 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 10	 [+] [+]		**8**
ARCH0079-1	*Sustainable building construction techniques II : envelope* - Shady ATTIA - [40h Proj.] **Corequisite :**	B2	Q1	15	30	[+]	**5**

	ARCH0006-2 - Méthodologie du projet architectural II : composition bioclimatique						
INFO2009-2	*Introduction to computer science* - Bernard BOIGELOT	B2	Q1	24	14	-	**4**
MECA0001-2	*Mechanics of materials* - JeanFrançois DEMONCEAU, Laurent DUCHENE - [2h Labo., 12h Proj.]	B2	Q1	27	25	[+]	**5**
MECA0011-2	*Fluid Mechanics : Basics* - Michel PIROTTON - [25h Proj.] **Prerequisite :** MATH0066-1 - Compléments de mathématiques 2 PHYS2020-1 - Physique 1 : Mécanique **Corequisite :** MECA0001-2 - Mécanique des matériaux	B2	Q2	20	30	[+]	**4**
MECA0012-6	*Solid mechanics* - Laurent DUCHENE - [15h Proj.] **Corequisite :** MATH0002-4 - Analyse mathématique 1 MATH0013-1 - Algèbre PHYS2020-1 - Physique 1 : Mécanique MECA0001-2 - Mécanique des matériaux	B2	Q2	26	26	[+]	**5**
GCIV0184-5	*Building Materials* - Luc COURARD, Anne HABRAKEN - [0,5d FW, 12h Labo., 12h Proj.] **Corequisite :** CHIM9272-2 - Chimie 1 CHIM9273-2 - Chimie 2 MECA0012-6 - Mécanique des solides	B2	Q2	36	16	[+]	**5**
GEOL0001-1	*Geology and Engineering geology* - Serge BROUYÈRE, Philippe ORBAN - [2d FW]	B2	Q2	30	22	[+]	**5**
MECA0445-2	*Heat transfer* (english language) - Pierre DEWALLEF, Vincent TERRAPON - [9h Proj.]	B2	Q2	28	24	[+]	**5**
ARCH1014-1	*Architectural culture 1: History and theory of architecture - 19th century to 1940* - Silvia GROAZ	B2	Q2	40	-	-	**4**
INFO2058-2	*Mathematical and physical programming laboratory 1, Part A* - Bernard BOIGELOT, Emilie CHARLIER, Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS	B2	Q1	-	20	-	**2**
Annual study trip : guided tours on architectural and urbanistic achievements (optional).							
ARCH0009-3	*Sustainable building construction techniques III: networks* - Shady ATTIA - [1d FW, 45h Proj.] **Prerequisite :** ARCH3259-1 - Techniques de construction durable des bâtiments IB - éléments - Partie B	B3	Q1	17	35	[+]	**5**
ARCH0017-4	*Digital architectural modeling* - Aurélie DE BOISSIEU - [98h Proj.]	B3	Q2	20	70	[+]	**8**
ARCH3262-1	*Architectural studio III A* - Shady ATTIA - [1d FW, 55h Proj.] **Corequisite :** ARCH3260-1 - Ateliers d'architecture II ARCH0079-1 - Techniques de construction durable des bâtiments II : Enveloppe	B3	Q1	10	35	[+]	**5**
ARCH3263-1	*Architectural studio III B* - Sigrid REITER - [1d FW, 55h Proj.] **Corequisite :** ARCH3262-1 - Ateliers d'architecture III A ARCH0068-6 - Urban Analytics ARCH0017-4 - Modélisation architecturale numérique	B3	Q2	10	35	[+]	**4**
GCIV2030-2	*Structural Design of Buildings* - JeanFrançois DEMONCEAU - [40h Proj.] **Corequisite :** MECA0012-6 - Mécanique des solides	B3	Q1	15	30	[+]	**4**
ARCH0068-6	*Urban Analytics* - *Theory* - Jacques TELLER - *Practice* - Jacques TELLER - [30h Proj.]	B3	Q1 15 -	 20 20	 - [+]		**5**

	- *Sustainability and transition* - Jacques TELLER		12	-	-		
GCIV0603-2	*Geotechnics and infrastructure* - Bertrand FRANÇOIS - [1d FW, 2h Labo.] **Prerequisite :** MECA0001-2 - Mécanique des matériaux MECA0011-2 - Eléments de mécanique des fluides **Corequisite :** GEOL0001-1 - Géologie et géologie de l'ingénieur	B3	Q2	26	26	[+]	**5**
GCIV0608-1	*Introduction to Structures engineering* - JeanFrançois DEMONCEAU, Margaux GEUZAINE - [4d FW, 40h Proj.] **Prerequisite :** MECA0001-2 - Mécanique des matériaux	B3	Q2	12	12	[+]	**5**
GCIV2172-1	*Metallic Elements Calculation* - JeanFrançois DEMONCEAU - [1d FW, 10h Proj.]	B3	Q2	26	26	[+]	**5**
GCIV2173-1	*Reinforced concrete* (english language) - Boyan MIHAYLOV - [1d FW, 10h Proj.] **Prerequisite :** MECA0001-2 - Mécanique des matériaux MECA0012-6 - Mécanique des solides	B3	Q2	26	26	[+]	**5**
MATH0067-1	*Introduction to statistics and probability* - Vincent DENOËL - [15h Proj.] **Prerequisite :** MATH0002-4 - Analyse mathématique 1	B3	Q1	20	25	[+]	**3**
GEOG2053-1	*Introduction to Urban GIS* - Roland BILLEN	B3	Q1	20	20	-	**3**
GENV0003-1	*Raw materials, sustainable design and the circular economy* - Luc COURARD, Abdellatif ELGHALI, Angélique LÉONARD	B3	Q2	30	10	-	**3**

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

Notice : With the approval of the Chair of the Board of Examiners, students may also choose a course from the UNIC catalogue. catalogue UNIC.

Learning support activities (B1 : 1Cr)

Aimed at students who have acquired less than 30 credits.

Faculty activity

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

Cross-disciplinary activities

IREM0010-1	*Getting the year off to a good start* - AnneFrance LANOTTE, Serena LEINER - [2h REM]	B1	Q1	-	-	[+]	-
IREM0018-1	*Maintaining or rediscovering your motivation if you have to repeat a year (Q1)* - Céline MATHY, Sandrine WUIDART - [2h REM]	B1	Q1	-	-	[+]	-
LREM0010-1	*Taking stock of your skills in French (Q1)* - 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