

## Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
<b>Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr)</b>							
MATH0086-1	<i>Analysis I, part 1</i> - Céline ESSER	B1	Q1	45	30	-	7
PHYS1985-1	<i>General physics I</i> - John MARTIN, Nicolas VANDEWALLE	B1	Q1	40	40	-	8
CHIM0737-6	<i>Chemistry</i> - <i>Theory</i> - Rudi CLOOTS - <i>Pratique</i> - Rudi CLOOTS	B1	Q1	30	-	-	7
MATH7369-1	<i>Algebra</i> - <i>Introduction à l'enseignement universitaire de l'algèbre</i> - Michel RIGO - <i>Calcul matriciel</i> - Michel RIGO	B1	Q1	10	5	-	7
MATH0087-1	<i>Analysis I, part 2</i> - Céline ESSER	B1	Q2	35	30	-	6
PHYS1986-2	<i>General physics II</i> - <i>Part A</i> - Ngoc Duy NGUYEN - <i>Part B</i> - Ngoc Duy NGUYEN	B1	Q2	35	25	-	11
INFO0201-1	<i>Introduction to computer programming</i> - Peter SCHLAGHECK	B1	Q2	20	40	-	6
MATH1203-2	<i>Geometry I, Elements of affine and Euclidian geometry</i> - Pierre MATHONET	B1	Q2	25	15	-	4
LANG2967-5	<i>English: introduction (english language)</i> - Véronique DOPPAGNE	B1	Q2	30	-	-	2
STRA0004-2	<i>Personal works</i> - Eric OPSOMER	B1	Q2	20	-	-	2
MATH0247-4	<i>Analysis II</i> - Françoise BASTIN	B2	Q1	30	30	-	6
MECA0201-1	<i>Analytical Mechanics I</i> - Pierre DAUBY	B2	Q1	30	30	-	6
PHYS3032-1	<i>Optics</i> - Serge HABRAKEN	B2	Q2	20	15	-	3
PHYS2009-1	<i>Modern physics</i> - Laurent DREESEN	B2	Q1	30	25	-	5
PHYS2010-1	<i>Thermodynamics</i> - Nicolas VANDEWALLE	B2	Q1	30	15	-	4
PHYS0209-3	<i>Numerical methods in physics</i> - Thierry BASTIN	B2	Q1	25	35	-	6
MATH0070-1	<i>Linear algebra</i> - Michel RIGO	B2	Q2	30	25	-	5
BIOL0851-1	<i>Biology</i> - Patrick MOTTE	B2	Q2	30	-	-	3
PHYS0060-1	<i>Structures and Symmetries</i> - Alejandro SILHANEK	B2	Q2	30	20	-	4
PHYS3030-3	<i>Electromagnetism, Partim A</i> - John MARTIN	B2	Q2	30	15	-	4
CHIM0274-2	<i>General chemistry, including organic chemistry</i> - Bénédicte VERTRUYEN - [12h Labo., 16h QA Sess.]	B2	Q2	40	-	[+]	7
PHYS0957-1	<i>Physics of Fluids</i> - Hervé CAPS	B2	Q2	20	10	-	3
LANG0076-5	<i>English I (english language)</i> - Véronique DOPPAGNE, Caroline VAN LINTHOUT	B2	TA	45	-	-	4
STAT0064-3	<i>Statistics of experimental data in physics</i> - Céline ESSER, Gentiane HAESBROECK	B3	Q1	30	15	-	4
PHYS3033-1	<i>Quantum physics I</i> - Thierry BASTIN	B3	Q1	35	25	-	6
PHYS0092-1	<i>Experimental physics : Electronic and instrumentation</i> - Ngoc Duy NGUYEN	B3	Q1	30	35	-	6
MECA0523-1	<i>Analytical mechanics II</i> - <i>Part A</i> - Pierre DAUBY - <i>Part B</i> - Pierre DAUBY	B3	Q1	12	15	-	6
ASTR0204-2	<i>Astrophysics and geophysics</i> - MarcAntoine DUPRET, Valérie VAN GROOTEL	B3	Q1	30	30	-	5
PHYS0089-1	<i>Mathematical tools of physics</i> - Peter SCHLAGHECK	B3	Q2	30	30	-	6
PHYS3034-1	<i>Quantum physics II</i> - Thierry BASTIN	B3	Q2	20	10	-	3

PHYS0093-1	<i>Nuclear detection</i> - David STRIVAY	B3	Q2	10	25	-	<b>3</b>
PHYS0212-2	<i>Statistical physics</i> - Nicolas VANDEWALLE	B3	Q2	30	30	-	<b>6</b>
PHYS0936-2	<i>Introduction to materials physics</i> - Philippe GHOSEZ	B3	Q2	30	20	-	<b>5</b>
DURA0005-2	<i>Sustainability and transition</i> - Sylvie GOBERT, Catherine HENRIST, Sybille MERTENS DE WILMARS - [8h Mon. WS]	B3	Q2	12	-	[+]	<b>2</b>
STRA0005-3	<i>Training sessions and personal work</i> - Geoffroy LUMAY, Christelle PROSPERI - [2d FW]	B3	TA	10	30	[+]	<b>4</b>
LANG0077-7	<i>English 2 (english language)</i> - Véronique DOPPAGNE, Ellen HARRY	B3	TA	45	-	-	<b>4</b>

**Optional free courses (B2 : 4Cr, B3 : 2Cr)**

OCEA0053-1	<i>Study of Oceans and Coastal Management</i> - Sylvie GOBERT, Anne GOFFART	B2	Q2	15	25	-	<b>4</b>
PHIL0201-1	<i>Elements of sciences philosophy</i> - Pieter THYSSSEN	B3	Q2	15	-	-	<b>2</b>

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

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

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