Study programmes 2024-2025

Faculty of Sciences

Bachelor in physics

Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr)							
MATH0086-1	*Analysis I, part 1* - Céline ESSER	B1	Q1	45	30	-	**7**
PHYS1985-1	*General physics I* - John MARTIN, Nicolas VANDEWALLE	B1	Q1	40	40	-	**8**
CHIM0737-6	*Chemistry*	B1	Q1				**7**
	- *Theory* - Rudi CLOOTS		30	-	-		
	- *Pratique* - Rudi CLOOTS		-	40	-		
MATH7369-1	*Algebra*	B1	Q1				**7**
	- *Introduction à l'enseignement universitaire de l'algèbre* - Michel RIGO		10	5	-		
	- *Calcul matriciel* - Michel RIGO		30	25	-		
MATH0087-1	*Analysis I, part 2* - Céline ESSER	B1	Q2	35	30	-	**6**
PHYS1986-2	*General physics II*	B1	Q2				**11**
	- *Part A* - Ngoc Duy NGUYEN		35	25	-		
	- *Part B* - Ngoc Duy NGUYEN		15	25	-		
INFO0201-1	*Introduction to computer programming* - Peter SCHLAGHECK	B1	Q2	20	40	-	**6**
MATH1203-2	*Geometry I, Elements of affine and Euclidian geometry* - Pierre MATHONET	B1	Q2	25	15	-	**4**
LANG2967-5	*English: introduction* (english language) - Véronique DOPPAGNE	B1	Q2	30	-	-	**2**
STRA0004-2	*Personal works* - Eric OPSOMER	B1	Q2	20	-	-	**2**
MATH0247-4	*Analysis II* - Françoise BASTIN	B2	Q1	30	30	-	**6**
MECA0201-1	*Analytical Mechanics I* - Pierre DAUBY	B2	Q1	30	30	-	**6**
PHYS3032-1	*Optics* - Serge HABRAKEN	B2	Q2	20	15	-	**3**
PHYS2009-1	*Modern physics* - Laurent DREESEN	B2	Q1	30	25	-	**5**
PHYS2010-1	*Thermodynamics* - Nicolas VANDEWALLE	B2	Q1	30	15	-	**4**
PHYS0209-3	*Numerical methods in physics* - Thierry BASTIN	B2	Q1	25	35	-	**6**
MATH0070-1	*Linear algebra* - Michel RIGO	B2	Q2	30	25	-	**5**
BIOL0851-1	*Biology* - Patrick MOTTE	B2	Q2	30	-	-	**3**
PHYS0060-1	*Structures and Symmetries* - Alejandro SILHANEK	B2	Q2	30	20	-	**4**
PHYS3030-3	*Electromagnetism, Partim A* - John MARTIN	B2	Q2	30	15	-	**4**
CHIM0274-2	*General chemistry, including organic chemistry* - Bénédicte VERTRUYEN - [12h Labo., 16h QA Sess.]	B2	Q2	40	-	[+]	**7**
PHYS0957-1	*Physics of Fluids* - Hervé CAPS	B2	Q2	20	10	-	**3**
LANG0076-5	*English 1* (english language) - Véronique DOPPAGNE, Caroline VAN LINTHOUT	B2	TA	45	-	-	**4**
STAT0064-3	*Statistics of experimental data in physics* - Céline ESSER, Gentiane HAESBROECK	B3	Q1	30	15	-	**4**
PHYS3033-1	*Quantum physics I* - Thierry BASTIN	B3	Q1	35	25	-	**6**
PHYS0092-1	*Experimental physics : Electronic and instrumentation* - Ngoc Duy NGUYEN	B3	Q1	30	35	-	**6**
MECA0523-1	*Analytical mechanics II*	B3	Q1				**6**
	- *Part A* - Pierre DAUBY		12	15	-		
	- *Part B* - Pierre DAUBY		18	15	-		
ASTR0204-2	*Astrophysics and geophysics* - MarcAntoine DUPRET, Valérie VAN GROOTEL	B3	Q1	30	30	-	**5**
PHYS0089-1	*Mathematical tools of physics* - Peter SCHLAGHECK	B3	Q2	30	30	-	**6**
PHYS3034-1	*Quantum physics II* - Thierry BASTIN	B3	Q2	20	10	-	**3**

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

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

OCEA0053-1	*Study of Oceans and Coastal Management* - Sylvie GOBERT, Anne GOFFART	B2	Q2	15	25	-	**4**
PHIL0201-1	*Elements of sciences philosophy* - Pieter THYSSEN	B3	Q2	15	-	-	**2**

Learning support activities (B1 : 1Cr)

A destination des étudiant·e·s ayant acquis moins de 30 crédits

Cross-disciplinary activities

IREM0009-1	*Hebdo MethodO: additional support linked to the context of repeating a year* - Sylviane HUBERT, AnneFrance LANOTTE - [5h REM]	B1	TA	-	-	[+]	-
IREM0010-1	*Getting B1 off to a good start* - Sylviane HUBERT, AnneFrance LANOTTE - [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	-	-	[+]	-

A destination des étudiant·e·s en allègement (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

A destination de tous les étudiant·e·s du bloc 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