

Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 40Cr)							
LANG0085-1	<i>Basic English for Computing</i> (english language) - Daphné BUI, Sabrina D'ARCONSO, David VANMANSHOVEN	B1	Q2	4	36	-	4
INFO0030-3	<i>Programming Projects</i> - Benoît DONNET - [100h Proj.] Corequisite : INFO0946-1 - Introduction à la programmation INFO0947-1 - Compléments de programmation	B1	Q2	20	-	[+]	7
INFO0061-4	<i>Computers organization</i> - Bernard BOIGELOT	B1	Q2	15	15	-	3
MATH2007-1	<i>General mathematics I</i> - Françoise BASTIN	B1	Q1	30	40	-	6
PHYS3027-1	<i>Elements of physics : mechanics</i> - Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS	B1	Q1	15	10	-	4
PHYS3028-1	<i>Elements of physics: electromagnetism</i> - Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS - [10h Labo.] Corequisite : PHYS3027-1 - Eléments de physique : mécanique	B1	Q2	15	20	[+]	4
INFO0946-1	<i>Introduction to computer programming</i> - Benoît DONNET - [10h Labo.]	B1	Q1	30	30	[+]	5
INFO0947-1	<i>Complements of computer programming</i> - Benoît DONNET - [45h Proj.] Corequisite : INFO0946-1 - Introduction à la programmation INFO0030-3 - Projet de programmation MATH2019-1 - Mathématiques pour l'informatique 1	B1	Q2	30	22	[+]	5
MATH7370-1	<i>Descriptive statistics</i> - Arnout VAN MESSEM - [8h Mon. WS]	B1	Q2	16	8	[+]	3
INFO2056-1	<i>First programming project</i> - Laurent MATHY - [10h Proj.]	B1	Q1	-	50	[+]	5
MATH2019-1	<i>Mathematics for computing 1</i> - Emilie CHARLIER	B1	Q1	26	26	-	6
INFO2058-1	<i>Mathematical and physical programming laboratory 1</i> - Part A - Bernard BOIGELOT, Emilie CHARLIER, Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS - Part B - Bernard BOIGELOT, Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS	B1	Q1	-	20	-	4
INFO2059-1	<i>Mathematical and physical programming laboratory 2</i> - Emilie CHARLIER, Bertrand CORNÉLUSSE, Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS	B1	Q2	-	40	-	4
GEST0029-1	<i>General Corporate Accounting (Night classes)</i> - Anne BILS	B2	Q2	30	15	-	3
ECON0107-2	<i>Introduction to economic analysis</i> - Microeconomics - HenryJean GATHON - Macroeconomics - HenryJean GATHON	B2	Q1	20	6	-	3
LANG0310-1	<i>Computing English</i> (english language) - Adnan VESSEUR Prerequisite : LANG0085-1 - Basic English for Computing	B2	TA	5	47	-	5
INFO9015-1	<i>Logic for Computer Science</i> (english language) - Pascal FONTAINE Prerequisite : INFO0947-1 - Compléments de programmation MATH2019-1 - Mathématiques pour l'informatique 1	B2	Q1	24	20	-	5
ELEN0040-1	<i>Digital electronics</i> (english language) - JeanMichel REDOUTÉ Prerequisite : INFO0061-4 - Organisation des ordinateurs	B2	Q2	26	26	-	5
INFO0902-1	<i>Data structures and algorithms</i> - Pierre GEURTS - [40h Proj.] Prerequisite : INFO0947-1 - Compléments de programmation	B2	Q2	26	20	[+]	5
INFO0062-1	<i>Object-oriented programming</i> (english language) - Bernard BOIGELOT -	B2	Q2	25	20	[+]	5

	[20h Proj.]						
	Prerequisite : INFO0947-1 - Compléments de programmation						
MATH0499-1	<i>Graph theory</i> - Michel RIGO	B2	Q1	25	20	-	4
	Prerequisite : MATH2019-1 - Mathématiques pour l'informatique 1						
MATH0006-3	<i>Introduction to numerical analysis</i> (english language) - Quentin LOUVEAUX	B2	Q1	20	20	-	5
	Prerequisite : MATH2019-1 - Mathématiques pour l'informatique 1 MATH2007-1 - Mathématiques générales I						
MATH0495-1	<i>Elements for calculating probabilities</i> - Part 1: Analysis tools for probabilities - Laurent LOOSVELDT - Part 2: Probability theory - Laurent LOOSVELDT	B2	Q1	6	6	-	5
	Prerequisite : MATH2019-1 - Mathématiques pour l'informatique 1 MATH2007-1 - Mathématiques générales I			20	20	-	
INFO0009-2	<i>Database (general organisation)</i> - Christophe DEBRUYNE - [25h Proj.]	B2	Q2	26	26	[+]	5
	Prerequisite : INFO0947-1 - Compléments de programmation						
MATH2020-1	<i>Mathematics for computing 2</i> - Emilie CHARLIER	B2	Q1	26	26	-	5
	Prerequisite : MATH2019-1 - Mathématiques pour l'informatique 1						
INFO0027-2	<i>Programming techniques</i> (english language) - Algorithmics - Laurent MATHY - [40h Proj.] - Software patterns - Laurent MATHY - [30h Proj.]	B2	Q2	14	14	[+]	5
	Corequisite : INFO0062-1 - Object-oriented programming INFO0902-1 - Structures des données et algorithmes			10	10	[+]	
INFO0054-1	<i>Functional programming</i> - Christophe DEBRUYNE - [20h Proj.]	B3	Q1	24	24	[+]	5
	Prerequisite : INFO0062-1 - Object-oriented programming						
DROI0101-1	<i>Computer Law Contracts</i> - Benoît KOHL	B3	Q2	30	-	-	4
LANG0988-1	<i>Advanced English for ICT studies</i> (english language) - Adnan VESSEUR	B3	Q1	5	25	-	3
	Prerequisite : LANG0310-1 - Computing English						
INFO0004-2	<i>Object-oriented programming projects</i> (english language) - Laurent MATHY - [90h Proj.]	B3	Q2	20	-	[+]	5
	Prerequisite : INFO0062-1 - Object-oriented programming						
INFO0012-2	<i>Computation structures</i> (english language) - Pascal FONTAINE, Laurent MATHY - [40h Proj.]	B3	Q1	26	26	[+]	5
	Prerequisite : ELEN0040-1 - Digital electronics INFO0902-1 - Structures des données et algorithmes						
MATH0487-2	<i>Elements of statistics</i> - Pierre SACRÉ - [25h Proj.]	B3	Q1	15	10	[+]	3
	Prerequisite : MATH7370-1 - Statistique descriptive MATH0495-1 - Eléments du calcul des probabilités						
INFO9012-1	<i>Parallel Programming</i> (english language) - Pascal FONTAINE	B3	Q2	25	25	-	5
	Prerequisite : INFO0902-1 - Structures des données et algorithmes						
INFO0064-2	<i>Embedded systems</i> (english language) - Bernard BOIGELOT	B3	Q1	25	20	-	3
	Prerequisite :						

	INFO0947-1 - Compléments de programmation								
INFO2055-1	<i>Embedded systems project</i> (english language) - Bernard BOIGELOT - [60h Proj.] Corequisite : INFO0064-2 - Embedded systems	B3	Q2	-	-	[+]	2		
INFO8006-1	<i>Introduction to artificial intelligence</i> (english language) - Gilles LOUPPE - [45h Proj.] Prerequisite : MATH0495-1 - Eléments du calcul des probabilités	B3	Q1	25	20	[+]	5		

Optional courses (B3 : 20Cr)

[...] With the agreement of the President of the jury, students may choose five credits from all the University programmes or the UNIC catalogue .

Choose one option from the following : (B3 : 15Cr)

General computer science option (B3 : 15Cr)

INFO0010-4	<i>Introduction to computer networking</i> (english language) - Guy LEDUC - [12h Labo., 40h Proj.] Prerequisite : INFO0062-1 - Object-oriented programming	B3	Q1	32	2	[+]	5		
INFO0940-1	<i>Operating systems</i> (english language) - Laurent MATHY - [30h Proj.] Prerequisite : INFO0902-1 - Structures des données et algorithmes Corequisite : INFO0012-2 - Computation structures	B3	Q2	30	6	[+]	5		
ELEN0060-2	<i>Information and coding theory</i> (english language) - Louis WEHENKEL - [30h Proj.] Prerequisite : MATH0495-1 - Eléments du calcul des probabilités Corequisite : MATH0487-2 - Eléments de statistiques	B3	Q2	30	15	[+]	5		

Data science option (B3 : 15Cr)

SYST0002-2	<i>Introduction to signals and systems</i> - Guillaume DRION, Alessio FRANCI - [15h Proj.] Prerequisite : MATH2019-1 - Mathématiques pour l'informatique 1 MATH2007-1 - Mathématiques générales I	B3	Q2	26	26	[+]	5		
MATH1222-3	<i>Introduction to stochastic processes</i> - Céline ESSER, Pierre GEURTS - [10h Mon. WS] Prerequisite : MATH2007-1 - Mathématiques générales I MATH2019-1 - Mathématiques pour l'informatique 1 Corequisite : MATH0495-1 - Eléments du calcul des probabilités	B3	Q2	20	10	[+]	5		
MATH0461-2	<i>Introduction to numerical optimization</i> (english language) - Quentin LOUVEAUX - [25h Proj.]	B3	Q1	30	20	[+]	5		

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	-	-	[+]	-		
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Cross-disciplinary activities

IREM0009-1	<i>Hebdo MethodO: additional support linked to the context of repeating a</i>	B1	TA	-	-	[+]	-		
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Study programmes 2025-2026
Faculty of Applied Sciences
Bachelor of Science (BSc) in Computer Science

year - Sylviane HUBERT, AnneFrance LANOTTE - [5h REM]

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