

#### Block view of the study programme

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#### Block 1

##### Compulsory courses

LANG0085-1	<i>Basic English for Computing</i> (english language) - Daphné BUI, Sabrina D'ARCONSO, Christine FILOT, ISLV	Q1	4	36	-	<b>4</b>
INFO0030-3	<i>Programming Projects</i> - Benoît DONNET - [100h Proj.] <b>Corequisite :</b> INFO0947-1 - Compléments de programmation INFO0946-1 - Introduction à la programmation	Q2	20	-	[+]	<b>7</b>
INFO0061-4	<i>Computers organization, Part A</i> - Bernard BOIGELOT	Q2	15	15	-	<b>3</b>
MATH2007-1	<i>Mathematics</i> - Françoise BASTIN	Q1	30	40	-	<b>6</b>
PHYS3027-1	<i>Elements of physics : mechanics</i> - Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS	Q1	15	10	-	<b>4</b>
PHYS3028-1	<i>Elements of physics II : mechanics</i> - Matthieu VERSTRAETE - Suppl : Jérémy BRISBOIS - [10h Labo.] <b>Corequisite :</b> PHYS3027-1 - Eléments de physique : mécanique	Q2	15	20	[+]	<b>4</b>
INFO0946-1	<i>Introduction to computer programming</i> - Benoît DONNET - [10h Labo.]	Q1	30	20	[+]	<b>5</b>
INFO0947-1	<i>Complements of computer programming</i> - Benoît DONNET - [45h Proj.] <b>Corequisite :</b> INFO0030-3 - Projet de programmation INFO0946-1 - Introduction à la programmation	Q2	30	22	[+]	<b>5</b>
MATH1472-2	<i>Probability and statistics I</i> - Part 1 : <i>Descriptive statistics</i> - Gentiane HAESBROECK - [8h Mon. WS] - Part 2 : <i>Complement of descriptive statistics</i> - Gentiane HAESBROECK	Q2	5 11	- 8	[+] -	<b>3</b>
INFO2056-1	<i>First programming project</i> - Laurent MATHY - [10h Proj.]	Q1	-	50	[+]	<b>5</b>
MATH2019-1	<i>Mathematics for computing 1</i> - Emilie CHARLIER, N...	Q2	26	26	-	<b>6</b>
INFO2058-1	<i>Mathematical and physical programming laboratory 1</i> - Bernard BOIGELOT, Emilie CHARLIER, Matthieu VERSTRAETE	Q1	-	40	-	<b>4</b>
INFO2059-1	<i>Mathematical and physical programming laboratory 2</i> - Emilie CHARLIER, Bertrand CORNÉLUSSE, Matthieu VERSTRAETE	Q2	-	40	-	<b>4</b>

#### Block 2

##### Compulsory courses

GEST0029-1	<i>General Corporate Accounting (Night classes)</i> - Anne BILS	Q2	30	15	-	<b>4</b>
ECON0107-2	<i>Introduction to economic analysis</i> - <i>Microeconomics</i> - HenryJean GATHON - <i>Macroeconomics</i> - HenryJean GATHON	Q1	20 20	6 6	- -	<b>3</b>
LANG0310-1	<i>Computing English</i> (english language) - Christine FILOT, ISLV, Adnan VESSEUR <b>Prerequisite :</b> LANG0085-1 - Basic English for Computing	TA	5	47	-	<b>5</b>
INFO0027-2	<i>Programming techniques</i> (english language) - Laurent MATHY - [70h Proj.] <b>Corequisite :</b> INFO2050-1 - Programmation avancée INFO0062-1 - Object-oriented programming	Q2	24	24	[+]	<b>5</b>
ELEN0040-1	<i>Digital Electronics</i> - JeanMichel REDOUTÉ <b>Prerequisite :</b> INFO0061-3 - Organisation des ordinateurs	Q2	26	26	-	<b>5</b>
INFO2050-1	<i>Advanced computer programming</i> - Pierre GEURTS - [40h Proj.]	Q1	25	20	[+]	<b>5</b>

	<b>Prerequisite :</b> INFO0947-1 - Compléments de programmation							
INFO0062-1	<i>Object-oriented programming</i> (english language) - Bernard BOIGELOT - [20h Proj.]	Q2	25	20	[+]			<b>5</b>
	<b>Prerequisite :</b> INFO0947-1 - Compléments de programmation							
MATH0499-1	<i>Graph theory</i> - Michel RIGO	Q1	25	20	-			<b>4</b>
	<b>Prerequisite :</b> MATH2007-1 - Mathématique							
MATH0500-1	<i>Introduction to numerical algorithmic</i> - Quentin LOUVEAUX - [6h Labo., 45h Proj.]	Q1	24	14	[+]			<b>5</b>
	<b>Prerequisite :</b> MATH2007-1 - Mathématique							
MATH0495-1	<i>Elements of probability calculus</i> - Pascal GRIBOMONT - [5h Proj.]	Q1	15	15	[+]			<b>3</b>
	<b>Prerequisite :</b> MATH2007-1 - Mathématique MATH2019-1 - Mathématiques pour l'informatique 1							
INFO0054-1	<i>Functional programming</i> - Pascal GRIBOMONT - [15h Proj.]	Q2	28	24	[+]			<b>5</b>
	<b>Prerequisite :</b> INFO0947-1 - Compléments de programmation INFO2059-1 - Laboratoire de programmation mathématique et physique 2 MATH2019-1 - Mathématiques pour l'informatique 1							
INFO0009-2	<i>Database (general organisation)</i> - Pierre WOLPER - Suppl : Samuel HIARD - [25h Proj.]	Q2	26	26	[+]			<b>5</b>
	<b>Prerequisite :</b> INFO0947-1 - Compléments de programmation							
MATH2020-1	<i>Mathematics for computing 2</i> - Emilie CHARLIER, N...	Q1	26	26	-			<b>6</b>
	<b>Prerequisite :</b> MATH2019-1 - Mathématiques pour l'informatique 1							

### Block 3

#### Compulsory courses

DROI0101-1	<i>Computer Law Contracts</i> - Benoît KOHL	Q1	30	-	-			<b>4</b>
LANG0988-1	<i>Advanced English for ICT studies</i> (english language) - Christine FILOT, ISLV, Adnan VESSEUR	Q1	5	25	-			<b>3</b>
	<b>Prerequisite :</b> LANG0310-1 - Computing English							
MATH1222-3	<i>Introduction to stochastic processes</i> - Céline ESSER, Pierre GEURTS - [10h Mon. WS]	Q2	20	10	[+]			<b>5</b>
	<b>Prerequisite :</b> MATH0495-1 - Eléments du calcul des probabilités							
INFO0004-2	<i>Object-oriented programming project</i> - Laurent MATHY - [90h Proj.]	Q2	20	-	[+]			<b>5</b>
	<b>Prerequisite :</b> INFO0062-1 - Object-oriented programming							
INFO0010-4	<i>Introduction to computer networking</i> (english language) - Part A - Guy LEDUC - [8h Labo., 40h Proj.] - Part B - Guy LEDUC - [4h Labo.]	Q2	30	2	[+]			<b>5</b>
	<b>Prerequisite :</b> INFO0062-1 - Object-oriented programming		5	-	[+]			
INFO0012-2	<i>Computation structures</i> (english language) - Pierre WOLPER - [40h Proj.]	Q1	26	26	[+]			<b>5</b>
	<b>Prerequisite :</b> INFO2050-1 - Programmation avancée ELEN0040-1 - Electronique numérique							
INFO0940-1	<i>Operating systems</i> (english language) - Laurent MATHY - [30h Proj.]	Q2	30	6	[+]			<b>5</b>

**Prerequisite :**

INFO2050-1 - Programmation avancée

**Corequisite :**

INFO0012-2 - Computation structures

INFO2051-1	<i>Object-oriented programming on mobile devices</i> (english language) - Laurent MATHY - [90h Proj.]	Q1	15	10	[+]	<b>5</b>
	<b>Prerequisite :</b> INFO0062-1 - Object-oriented programming					
MATH0487-2	<i>Elements of statistics</i> - Louis WEHENKEL - [25h Proj.]	Q1	15	10	[+]	<b>3</b>
	<b>Prerequisite :</b> MATH0495-1 - Eléments du calcul des probabilités MATH1472-2 - Probabilité et statistique I					
GEST3162-1	<i>Principles of management</i> (english language) - Michael GHILISSEN, François PICHHAULT	Q1	25	25	-	<b>5</b>
INFO0064-2	<i>Embedded systems</i> (english language) - Bernard BOIGELOT	Q1	25	20	-	<b>3</b>
	<b>Prerequisite :</b> INFO0947-1 - Compléments de programmation					
INFO2055-1	<i>Embedded systems project</i> (english language) - Bernard BOIGELOT - [60h Proj.]	Q2	-	-	[+]	<b>2</b>
	<b>Corequisite :</b> INFO0064-2 - Embedded systems					
INFO8006-1	<i>Introduction to artificial intelligence</i> (english language) - Gilles LOUPPE - [45h Proj.]	Q1	25	10	[+]	<b>5</b>

**Option cours**

[...] With the approval of the President of the Jury, students can choose 5 credits from all the programmes of the University.