

Cycle view of the study programme

| | | Bl | Or | Th | Pr | Au | Cr |
|---|---|----|----|----|----|-----|----------|
| Compulsory courses (B1 : 60Cr, B2 : 60Cr, B3 : 60Cr) | | | | | | | |
| LANG0085-1 | <i>Basic English for Computing</i> (english language) - Daphné BUI, Sabrina D'ARCONSO, Christine FILOT, ISLV | B1 | Q1 | 4 | 36 | - | 4 |
| INFO0030-3 | <i>Programming Projects</i> - Benoît DONNET - [100h Proj.] Corequisite : INFO0947-1 - Compléments de programmation INFO0946-1 - Introduction à la programmation | B1 | Q2 | 20 | - | [+] | 5 |
| INFO0061-3 | <i>Computers organization</i> - Bernard BOIGELOT | B1 | Q2 | 25 | 20 | - | 5 |
| MATH2007-1 | <i>Mathematics</i> - Françoise BASTIN | B1 | Q1 | 30 | 40 | - | 6 |
| MATH0009-5 | <i>General Mathematics, General mathematics : part B</i> - Françoise BASTIN Corequisite : MATH2007-1 - Mathématique | B1 | Q2 | 30 | 30 | - | 6 |
| PHYS3027-1 | <i>Elements of physics : mechanics</i> - Matthieu VERSTRAETE | B1 | Q1 | 15 | 10 | - | 3 |
| PHYS3028-1 | <i>Elements of physics II : mechanics</i> - Matthieu VERSTRAETE - [10h Labo.] Corequisite : PHYS3027-1 - Eléments de physique : mécanique | B1 | Q2 | 15 | 20 | [+] | 3 |
| INFO0946-1 | <i>Introduction to computer programming</i> - Benoît DONNET - [10h Labo.] | B1 | Q1 | 30 | 20 | [+] | 5 |
| INFO0947-1 | <i>Complements of computer programming</i> - Benoît DONNET - [45h Proj.] Corequisite : MATH0492-1 - Algèbre linéaire MATH0491-1 - Mathématiques pour l'informatique INFO0030-3 - Projet de programmation INFO0946-1 - Introduction à la programmation | B1 | Q2 | 30 | 22 | [+] | 5 |
| MATH0491-1 | <i>Mathematics for computing</i> - Georges HANSOUL | B1 | Q1 | 25 | 25 | - | 5 |
| MATH0492-1 | <i>Linear algebra</i> - Georges HANSOUL Corequisite : MATH0491-1 - Mathématiques pour l'informatique | B1 | Q2 | 25 | 25 | - | 5 |
| MATH1472-2 | <i>Probability and Statistics I, Part 1 : Descriptive Statistics</i> - Gentiane HAESBROECK - [8h Mon. WS] | B1 | Q2 | 16 | 8 | [+] | 3 |
| INFO2056-1 | <i>First programming project</i> - Bernard BOIGELOT, Laurent MATHY - [10h Proj.] | B1 | Q1 | - | 50 | [+] | 5 |
| GEST0029-1 | <i>General Corporate Accounting (Night classes)</i> - Anne BILS | B2 | Q2 | 30 | 15 | - | 4 |
| ECON0107-2 | <i>Introduction to economic analysis</i> - HenryJean GATHON | B2 | Q1 | 40 | 12 | - | 3 |
| LANG0310-1 | <i>Computing English</i> (english language) - Christine FILOT, ISLV, Adnan VESSEUR Prerequisite : LANG0085-1 - Basic English for Computing | B2 | TA | 6 | 54 | - | 5 |
| INFO0027-2 | <i>Programming techniques</i> (english language) - Laurent MATHY - [70h Proj.] Corequisite : MATH0499-1 - Théorie des graphes INFO2050-1 - Programmation avancée INFO0062-1 - Object-oriented programming | B2 | Q2 | 30 | 24 | [+] | 5 |
| ELEN0040-1 | <i>Digital electronics</i> (english language) - Michael KRAFT Prerequisite : INFO0061-3 - Organisation des ordinateurs | B2 | Q2 | 30 | 30 | - | 5 |
| INFO2050-1 | <i>Advanced computer programming</i> - Pierre GEURTS - [40h Proj.] Prerequisite : | B2 | Q1 | 25 | 20 | [+] | 5 |

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| | INFO0947-1 - Compléments de programmation | | | | | | | | |
| INFO0062-1 | <i>Object-oriented programming</i> (english language) - Bernard BOIGELOT - [20h Proj.] Prerequisite : INFO0947-1 - Compléments de programmation | B2 | Q2 | 30 | 24 | [+] | 5 | | |
| MATH0499-1 | <i>Graph theory</i> - Michel RIGO Prerequisite : MATH2007-1 - Mathématique MATH0492-1 - Algèbre linéaire | B2 | Q1 | 25 | 20 | - | 4 | | |
| MATH0500-1 | <i>Introduction to numerical algorithmic</i> - Quentin LOUVEAUX - [6h Labo., 45h Proj.] Prerequisite : MATH0492-1 - Algèbre linéaire MATH2007-1 - Mathématique | B2 | Q1 | 24 | 14 | [+] | 5 | | |
| MATH0232-3 | <i>General mathematics supplements</i> - Françoise BASTIN Prerequisite : MATH0492-1 - Algèbre linéaire MATH2007-1 - Mathématique | B2 | Q1 | 30 | 30 | - | 6 | | |
| MATH0495-1 | <i>Elements of probability calculus</i> - Pascal GRIBOMONT - [5h Proj.] Prerequisite : MATH1472-2 - Probabilité et statistique I MATH2007-1 - Mathématique | B2 | Q1 | 15 | 15 | [+] | 3 | | |
| INFO0054-1 | <i>Functional programming</i> - Pascal GRIBOMONT - [15h Proj.] Prerequisite : INFO0947-1 - Compléments de programmation | B2 | Q2 | 30 | 25 | [+] | 5 | | |
| INFO0009-1 | <i>Database (general organisation)</i> - Pierre WOLPER - [25h Proj.] Prerequisite : INFO0947-1 - Compléments de programmation | B2 | Q2 | 30 | 25 | [+] | 5 | | |
| DROI0101-1 | <i>Computer Law Contracts</i> - Benoît KOHL | B3 | Q1 | 30 | - | - | 4 | | |
| LANG0988-1 | <i>Advanced English for ICT studies</i> (english language) - Christine FILOT, ISLV, Adnan VESSEUR Prerequisite : LANG0310-1 - Computing English | B3 | Q1 | 5 | 25 | - | 3 | | |
| MATH1222-3 | <i>Introduction to stochastic processes, Markov chains</i> - Pierre GEURTS, Yvik SWAN - [10h Mon. WS] Prerequisite : MATH0495-1 - Eléments du calcul des probabilités | B3 | Q2 | 20 | 10 | [+] | 5 | | |
| INFO0004-2 | <i>Object-oriented programming projects</i> (english language) - Laurent MATHY - [90h Proj.] Prerequisite : INFO0062-1 - Object-oriented programming | B3 | Q1 | 20 | - | [+] | 5 | | |
| INFO0063-1 | <i>Object-oriented software engineering</i> (english language) - Bernard BOIGELOT - [30h Proj.] Prerequisite : INFO0062-1 - Object-oriented programming | B3 | Q1 | 30 | 24 | [+] | 5 | | |
| INFO0010-4 | <i>Introduction to computer networking</i> (english language) - Guy LEDUC - [12h Labo., 40h Proj.] Prerequisite : INFO0062-1 - Object-oriented programming | B3 | Q2 | 35 | 2 | [+] | 5 | | |
| INFO0012-2 | <i>Computation structures</i> (english language) - Pierre WOLPER - [40h Proj.] Prerequisite : INFO2050-1 - Programmation avancée ELEN0040-1 - Digital electronics | B3 | Q1 | 30 | 25 | [+] | 5 | | |
| INFO0940-1 | <i>Operating systems</i> (english language) - Laurent MATHY - [80h Proj.] | B3 | Q2 | 30 | 6 | [+] | 5 | | |

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| | 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.] | B3 | Q2 | 15 | 10 | [+] | | | 5 |
| | Prerequisite : INFO0062-1 - Object-oriented programming | | | | | | | | |
| MATH0487-2 | <i>Elements of statistics</i> - Louis WEHENKEL - [25h Proj.] | B3 | Q1 | 15 | 10 | [+] | | | 3 |
| | Prerequisite : 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 PICHAULT, Thierry PIRONET, Didier VAN CAILLIE - Suppl : Fanny FOX | B3 | Q1 | 25 | 25 | - | | | 5 |
| 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.] | B3 | Q2 | - | - | [+] | | | 2 |
| | Corequisite : INFO0064-2 - Embedded systems | | | | | | | | |

Optional courses

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