

First Year

Compulsory courses

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|------------|---|----|----|-----|--|-----------|
| MATH0201-1 | <i>Algebra I</i> - <i>Introduction to Algebra</i> - Michel RIGO - <i>Algebra</i> - Michel RIGO | 10 | - | - | | 11 |
| MATH0202-1 | <i>Analysis I</i> - <i>Part a) Introduction to the analysis academic study</i> - Samuel NICOLAY - <i>Part b) Analysis</i> - Samuel NICOLAY | 15 | - | - | | 16 |
| MATH0203-1 | <i>Geometry I</i> - <i>Partim a) Introduction to the study of geometry</i> - Pierre LECOMTE - <i>Partim b) Elementary geometry</i> - Pierre LECOMTE | 10 | - | - | | 11 |
| PHYS2002-1 | <i>General Physics I</i> - Philippe GHOSEZ, Nicolas VANDEWALLE | 30 | 45 | - | | 8 |
| MATH0472-1 | <i>Probability and statistics I</i> - Gentiane HAESBROECK - [10h Mon. WS] | 25 | 15 | [+] | | 5 |
| STRA0016-1 | <i>Personal work in Algebra, Analysis and Geometry</i> - Pierre LECOMTE, Samuel NICOLAY, Michel RIGO - [40h Mon. WS] | 10 | - | [+] | | 5 |
| LANG0076-1 | <i>English 1</i> - Véronique DOPPAGNE, ISLV | 45 | - | - | | 4 |

Second Year

Compulsory courses

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|------------|---|----|----|-----|--|----------|
| MATH0246-1 | <i>Calculus II</i> - Georges HANSOUL | 30 | 30 | - | | 6 |
| MATH0247-1 | <i>Analysis, II</i> - Françoise BASTIN | 30 | 30 | - | | 6 |
| INFO2006-2 | <i>Introduction to Numerical Analysis</i> - Jean-Pierre SCHNEIDERS | 30 | 30 | - | | 6 |
| INFO2007-1 | <i>Introduction to programming</i> - Samuel NICOLAY - [20h Mon. WS] | 20 | - | [+] | | 4 |
| MATH0257-1 | <i>Analysis II, part 2</i> - Jean-Pierre SCHNEIDERS | 30 | 30 | - | | 6 |
| MATH0482-1 | <i>Probability and Statistics II</i> - Paul GÉRARD | 25 | 10 | - | | 3 |
| MATH0248-1 | <i>Geometry II</i> - Pierre LECOMTE | 40 | 40 | - | | 7 |
| MATH0249-1 | <i>Graph theory</i> - Michel RIGO | 30 | 30 | - | | 6 |
| PHYS3002-1 | <i>Physics II</i> - Hervé CAPS | 30 | 25 | - | | 5 |
| MECA0479-1 | <i>Analytical Mechanics I</i> - Pierre DAUBY | 30 | 30 | - | | 5 |
| LANG0077-1 | <i>English 2</i> - Véronique DOPPAGNE, ISLV | 45 | - | - | | 4 |
| PHIL0201-1 | <i>Elements of philosophy</i> - Julien PIERON | 15 | - | - | | 2 |

Third Year

Compulsory courses

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|------------|--|----|----|---|--|----------|
| MATH0250-1 | <i>Algebra III</i> - Georges HANSOUL | 30 | 30 | - | | 6 |
| MATH0251-1 | <i>Analysis III, 1st part</i> - Jean-Pierre SCHNEIDERS | 30 | 30 | - | | 6 |
| MATH0256-2 | <i>Differential Geometry</i> - Pierre LECOMTE | 30 | 30 | - | | 6 |
| MATH0252-1 | <i>Discrete Mathematics</i> - Bruno TEHEUX | 30 | 30 | - | | 6 |
| MECA0448-1 | <i>Mechanics</i> - Pierre DAUBY, Jean SURDEJ | 40 | 40 | - | | 7 |
| MATH0212-2 | <i>General Topology</i> - Fabian RADOUX | 30 | 30 | - | | 6 |
| MATH0254-1 | <i>Probability and statistics II</i> - Gentiane HAESBROECK | 40 | 40 | - | | 7 |
| MATH0473-1 | <i>Analysis III</i> - Françoise BASTIN | 30 | 30 | - | | 6 |
| DOCU0044-1 | <i>Techniques of documentation and communication</i> - Fabienne PROSMANS | 30 | - | - | | 2 |
| LANG0082-1 | <i>English 3</i> - Véronique DOPPAGNE, Christine FILOT, ISLV | 45 | - | - | | 4 |
| INFO0212-2 | <i>Computability and complexity theory</i> - Michel RIGO | 20 | 20 | - | | 4 |

Compulsory courses

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|------------|---|----|----|---|--|----------|
| MATH0250-1 | <i>Algebra III</i> - Georges HANSOUL | 30 | 30 | - | | 6 |
| MATH0251-1 | <i>Analysis III, 1st part</i> - Jean-Pierre SCHNEIDERS | 30 | 30 | - | | 6 |
| MATH0256-2 | <i>Differential Geometry</i> - Pierre LECOMTE | 30 | 30 | - | | 6 |
| MATH0252-1 | <i>Discrete Mathematics</i> - Bruno TEHEUX | 30 | 30 | - | | 6 |
| PHYS2003-1 | <i>Physique théorique</i> - <i>Partim a) Electromagnétisme</i> | 15 | 15 | - | | 6 |

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|------------|--|----|----|-----|----------|
| | - <i>Partim b) Thermodynamique</i> | 15 | 15 | - | |
| MECA0489-1 | <i>Mécanique analytique II</i> | 12 | 15 | - | 4 |
| MATH0212-2 | <i>General Topology</i> - Fabian RADOUX | 30 | 30 | - | 6 |
| MATH0474-1 | <i>Probabilité et statistique III</i> - [5h Mon. WS] | 25 | 15 | [+] | 4 |
| MATH0473-1 | <i>Analysis III</i> - Françoise BASTIN | 30 | 30 | - | 6 |
| DOCU0044-1 | <i>Techniques of documentation and communication</i> - Fabienne PROSMANS | 30 | - | - | 2 |
| LANG0082-1 | <i>English 3</i> - Véronique DOPPAGNE, Christine FILOT, ISLV | 45 | - | - | 4 |
| INFO0212-2 | <i>Computability and complexity theory</i> - Michel RIGO | 20 | 20 | - | 4 |