

First Year

Compulsory course

MATH0483-2 *History of mathematics* - Georges HANSOUL - [20h Mon. WS] 20 - [+] 4

Optional courses

With the approval of the Board of Studies in mathematics, choose courses totaling 56 credits from the two lists below, and possibly in the courses programme of other masters :

First list

[...] At least 32 credits from from "Première liste"

| | | | | | |
|------------|---|----|----|-----|---|
| MATH0463-1 | <i>Functional Analysis I</i> - JeanPierre SCHNEIDERS - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| MATH0209-3 | <i>Measure Theory</i> - Samuel NICOLAY - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| INFO0213-2 | <i>Automata and formal languages theory</i> - Michel RIGO - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| MATH0220-2 | <i>Functions of complex variables</i> - JeanPierre SCHNEIDERS - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| MATH0464-1 | <i>Differential geometry II</i> - Pierre LECOMTE - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| MATH0017-3 | <i>Mathematical Logic and Set Theory</i> - Georges HANSOUL - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| MATH0465-1 | <i>Algebraic Topology</i> - JeanPierre SCHNEIDERS - [20h Mon. WS] | 30 | 10 | [+] | 8 |

The second list

[...] At most 24 credits of courses from "Deuxième liste"

| | | | | | |
|------------|--|----|----|-----|---|
| STAT0723-2 | <i>Statistical linear models</i> - N... - Suppl : Catherine TIMMERMANS - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| STAT0201-3 | <i>Multivariate statistics</i> - Adelin ALBERT, Gentiane HAESBROECK - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| STAT0725-2 | <i>Bayesian statistics</i> - Philippe LAMBERT - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| INFO0902-1 | <i>Data structures and algorithms</i> - Pierre GEURTS | 30 | 30 | - | 8 |
| INFO0054-1 | <i>Functional programming</i> - Pascal GRIBOMONT | 30 | 30 | - | 8 |
| ASTR0201-3 | <i>Astronomy</i> - MarcAntoine DUPRET - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| PHYS0243-2 | <i>Quantum Physics I</i> - Thierry BASTIN - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| PHYS0203-2 | <i>Statistical physics</i> - Nicolas VANDEWALLE - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| SPAT0012-1 | <i>General relativity</i> - Yves DE ROP | 60 | - | - | 8 |
| SPAT0044-1 | <i>Stellar Structure and evolution I</i> - MarcAntoine DUPRET | 20 | 20 | - | 4 |
| SPAT0045-1 | <i>Stellar structure and evolution II</i> - MarcAntoine DUPRET | 20 | 20 | - | 4 |
| MECA0203-3 | <i>Continuum Mechanics</i> - Pierre DAUBY - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| PHYS0204-3 | <i>Complement of quantum Physics 2</i> - Thierry BASTIN - [20h Mon. WS] | 30 | 10 | [+] | 8 |
| PHYS0205-2 | <i>Complement of physical statistics</i> - Nicolas VANDEWALLE - [20h Mon. WS] | 30 | 10 | [+] | 8 |

Programme of courses for other masters degrees

[...] At the most 8 credits of courses of the University of Liege

Optional free course

AESS0252-1 *Introduction to mathematics didactics* - Marguerite GILOT 10 10 - 2