

## First Year

### Compulsory courses

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

## Second Year

### Compulsory courses

MATH0246-1	<i>Calculus II</i> - Georges HANSOUL	30	30	-		<b>6</b>
MATH0247-1	<i>Analysis, II</i> - Françoise BASTIN	30	30	-		<b>6</b>
INFO1274-1	<i>Introduction to programming and to numerical analysis</i> - Jean-Pierre SCHNEIDERS	30	30	-		<b>6</b>
MATH0257-1	<i>Analysis II, part 2</i> - Jean-Pierre SCHNEIDERS	30	30	-		<b>6</b>
MATH0253-1	<i>Probability and statistics I</i> - Gentiane HAESBROECK	40	40	-		<b>7</b>
MATH0248-1	<i>Geometry II</i> - Pierre LECOMTE	40	40	-		<b>7</b>
MATH0249-1	<i>Graph theory</i> - Michel RIGO	30	30	-		<b>6</b>
PHYS0202-3	<i>Theoretical physics</i> - Nicolas VANDEWALLE	30	30	-		<b>6</b>
STRA0006-1	<i>Exercices</i> - Pierre LECOMTE, Michel RIGO, Jean-Pierre SCHNEIDERS	30	-	-		<b>4</b>
LANG0077-1	<i>English 2</i> - Véronique DOPPAGNE, ISLV	45	-	-		<b>4</b>
PHIL0201-1	<i>Elements of philosophy</i> - Julien PIERON	15	-	-		<b>2</b>

### Compulsory courses

MATH0246-1	<i>Calculus II</i> - Georges HANSOUL	30	30	-		<b>6</b>
MATH0247-1	<i>Analysis, II</i> - Françoise BASTIN	30	30	-		<b>6</b>
INFO2006-1	<i>Introduction à l'analyse numérique</i>	40	40	-		<b>8</b>
MATH0257-1	<i>Analysis II, part 2</i> - Jean-Pierre SCHNEIDERS	30	30	-		<b>6</b>
MATH0482-1	<i>Probability and Statistics II</i> - N...	25	10	-		<b>4</b>
MATH0248-1	<i>Geometry II</i> - Pierre LECOMTE	40	40	-		<b>7</b>
MATH0249-1	<i>Graph theory</i> - Michel RIGO	30	30	-		<b>6</b>
PHYS3002-1	<i>Physique générale II</i>	30	25	-		<b>5</b>
MECA0479-1	<i>Mécanique analytique I</i>	30	30	-		<b>4</b>
LANG0077-1	<i>English 2</i> - Véronique DOPPAGNE, ISLV	45	-	-		<b>4</b>
INFO2007-1	<i>Introduction à la programmation</i> - [20h Mon. WS]	20	-	[+]		<b>2</b>
PHIL0201-1	<i>Elements of philosophy</i> - Julien PIERON	15	-	-		<b>2</b>

## Third Year

### Compulsory courses

MATH0250-1	<i>Algebra III</i> - Georges HANSOUL	30	30	-		<b>6</b>
MATH0251-1	<i>Analysis III, 1st part</i> - Jean-Pierre SCHNEIDERS	30	30	-		<b>6</b>
MATH0256-2	<i>Differential Geometry</i> - Pierre LECOMTE	30	30	-		<b>6</b>
MATH0252-1	<i>Discrete Mathematics</i> - Michel RIGO	30	30	-		<b>6</b>
MECA0448-1	<i>Mechanics</i> - Pierre DAUBY, Jean SURDEJ	40	40	-		<b>7</b>
MATH0212-2	<i>General Topology</i> - Pierre MATHONET	30	30	-		<b>6</b>

MATH0254-1	<i>Probability and statistics II</i> - Gentiane HAESBROECK	40	40	-	<b>7</b>
MATH0473-1	<i>Analysis III</i> - Françoise BASTIN	30	30	-	<b>6</b>
DOCU0044-1	<i>Techniques of documentation and communication</i> - Fabienne PROSMANS	30	-	-	<b>2</b>
LANG0082-1	<i>English 3</i> - Véronique DOPPAGNE, Christine FILOT, ISLV	45	-	-	<b>4</b>
INFO0212-2	<i>Computability and complexity theory</i> - Michel RIGO	20	20	-	<b>4</b>

**Compulsory courses**

MATH0250-1	<i>Algebra III</i> - Georges HANSOUL	30	30	-	<b>6</b>
MATH0251-1	<i>Analysis III, 1st part</i> - Jean-Pierre SCHNEIDERS	30	30	-	<b>6</b>
MATH0256-2	<i>Differential Geometry</i> - Pierre LECOMTE	30	30	-	<b>6</b>
MATH0252-1	<i>Discrete Mathematics</i> - Michel RIGO	30	30	-	<b>6</b>
PHYS2003-1	<i>Physique théorique</i>				<b>6</b>
	- Partim a) <i>Electromagnétisme</i>	15	15	-	
	- Partim b) <i>Thermodynamique</i>	15	15	-	
MECA0489-1	<i>Mécanique analytique II</i>	-	-	-	<b>4</b>
MATH0212-2	<i>General Topology</i> - Pierre MATHONET	30	30	-	<b>6</b>
MATH0474-1	<i>Probabilité et statistique III</i> - [5h Mon. WS]	25	15	[+]	<b>4</b>
MATH0473-1	<i>Analysis III</i> - Françoise BASTIN	30	30	-	<b>6</b>
DOCU0044-1	<i>Techniques of documentation and communication</i> - Fabienne PROSMANS	30	-	-	<b>2</b>
LANG0082-1	<i>English 3</i> - Véronique DOPPAGNE, Christine FILOT, ISLV	45	-	-	<b>4</b>
INFO0212-2	<i>Computability and complexity theory</i> - Michel RIGO	20	20	-	<b>4</b>