

## First Year

### Compulsory courses

MATH0201-2	<i>Algebra I</i> - part a) <i>Introduction to Algebra</i> - Michel RIGO - part b) <i>Algebra</i> - Michel RIGO	20	-	-		<b>11</b>
MATH0202-2	<i>Analysis I</i> - Part a) <i>Introduction to the analysis academic study</i> - Samuel NICOLAY - Part b) <i>Analysis</i> - Samuel NICOLAY	25	-	-		<b>16</b>
MATH0203-2	<i>Geometry I</i> - part a) <i>Introduction to the study of geometry</i> - Pierre LECOMTE - Partim b) <i>Elementary geometry</i> - Pierre LECOMTE	20	-	-		<b>11</b>
PHYS2002-3	<i>General Physics I</i> - John MARTIN	40	35	-		<b>8</b>
MATH0472-1	<i>Probability and statistics I</i> - Gentiane HAESBROECK - [10h Mon. WS]	25	15	[+]		<b>5</b>
MATH0063-1	<i>Discrete mathematics I</i> - Pierre MATHONET	25	15	-		<b>5</b>
LANG0076-1	<i>English 1, (Q1 + Q2)</i> (english language) - Véronique DOPPAGNE, ISLV	45	-	-		<b>4</b>

## Second Year

### Compulsory courses

MATH0246-2	<i>Algebra II</i> - Georges HANSOUL	35	35	-		<b>7</b>
MATH0247-4	<i>Analysis, II, 1st part</i> - Françoise BASTIN	35	35	-		<b>7</b>
INFO2006-2	<i>Introduction to Numerical Analysis</i> - Jean-Pierre SCHNEIDERS	30	30	-		<b>6</b>
INFO2007-2	<i>Introduction to programming</i> - Samuel NICOLAY - [30h Mon. WS]	20	-	[+]		<b>5</b>
MATH0257-2	<i>Analysis II, 2nd part</i> - Jean-Pierre SCHNEIDERS	35	35	-		<b>7</b>
MATH0482-2	<i>Probability and Statistics II</i> - Paul GÉRARD	30	15	-		<b>4</b>
MATH0248-1	<i>Geometry II</i> - Pierre LECOMTE	40	40	-		<b>8</b>
PHYS2006-5	<i>General Physics, II</i> - Ngoc Duy NGUYEN, Alejandro SILHANEK	30	25	-		<b>5</b>
MECA0479-1	<i>Analytical Mechanics I</i> - Pierre DAUBY	30	30	-		<b>5</b>
LANG0077-1	<i>English 2</i> (english language) - Véronique DOPPAGNE, ISLV	45	-	-		<b>4</b>
PHIL0201-1	<i>Elements of philosophy</i> - Julien PIERON	15	-	-		<b>2</b>

### Optional free course

OCEA0053-1	<i>Study of Oceans and Coastal Management</i> - Sylvie GOBERT, Anne GOFFART	15	25	-		<b>4</b>
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## 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</i> - Pierre LECOMTE	30	30	-		<b>6</b>
MATH0064-1	<i>Discrete mathematics II</i> - Michel RIGO	30	30	-		<b>6</b>
PHYS2003-1	<i>Theoretical physics</i> - part a) <i>Electromagnetism</i> - Peter SCHLAGHECK - part b) <i>Thermodynamics</i> - Peter SCHLAGHECK	15	15	-		<b>6</b>
MECA0489-1	<i>Analytical mechanics II</i> - Jean SURDEJ	12	15	-		<b>3</b>
MATH0212-2	<i>General Topology</i> - Pierre MATHONET	30	30	-		<b>6</b>
MATH0474-1	<i>Probability and statistics III</i> - Gentiane HAESBROECK - [10h Mon. WS]	25	15	[+]		<b>5</b>
MATH0473-1	<i>Analysis III, 2nd part</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> (english language) - Véronique DOPPAGNE, Ellen HARRY, ISLV	45	-	-		<b>4</b>
INFO0212-2	<i>Computability and complexity theory</i> - Michel RIGO	20	20	-		<b>4</b>