

### A single year

The Higher Education degrees concerned by this preliminary programme are :

- \* Bachelor in agronomy
- \* Bachelor in chemistry
- \* Bachelor in "AESI" (sciences : biology, chemistry, physics)
- \* Bachelor in medical laboratory technologies
- \* Bachelor in agronomical sciences
- \* Bachelor in industrial sciences
- \* Degree of specialization in waters analysis and treatment

### Compulsory courses

BIOC0209-4	<i>Chemistry of biological macromolecules, including thermodynamics of biological systems</i> - Moreno GALLEN, André MATAGNE - [4h Vis. Ind. Pl. ]	70	40	[+]	<b>10</b>
BIOL0003-1	<i>Biology of pluricellular organisms</i> - <i>Animal</i> - MarieFrance VERSALI	15	15	-	<b>5</b>
	- <i>Plant Biology</i> - Claire PÉRILLEUX	15	15	-	
BIOL0216-1	<i>Animal physiology</i> - JeanChristophe PLUMIER, Marc THIRY	60	30	-	<b>6</b>
BIOL0217-1	<i>Vegetal physiology</i> - Patrick MOTTE, Claire PÉRILLEUX	40	25	-	<b>5</b>
GENE0210-1	<i>Genetics and molecular biology</i> - N... - Suppl : Jacques DOMMES, Bernard PEERS, Marianne VOZ	60	30	-	<b>8</b>
IMMU0521-1	<i>Immunology</i> - Catherine SADZOT	20	15	-	<b>3</b>
MICR0711-1	<i>Microbiology</i> - <i>Part 1 : Algology and mycology</i> - Denis BAURAIN	20	10	-	<b>7</b>
	- <i>Part 2 : Bacteriology</i> - Bernard JORIS	20	10	-	
	- <i>Part 3 : Virology</i> - Jacques PIETTE	20	10	-	
PHIL1106-1	<i>Philosophy and bioethics</i> - <i>Part : Philosophy</i> - Julien PIERON	15	-	-	<b>2</b>
	- <i>Part : Bioethics</i> - JeanMarie BOUQUEGNEAU	15	-	-	
STAT0203-1	<i>General statistics and data processing</i> - Adelin ALBERT	30	30	-	<b>6</b>
STRA0044-1	<i>Training in scientific communication</i> - Jacques DOMMES, Patrick MOTTE - [50h Internship]	-	-	[+]	<b>4</b>
LANG0082-1	<i>English 3</i> (english language) - Véronique DOPPAGNE, Ellen HARRY, ISLV	45	-	-	<b>4</b>