

### 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

STAT0076-1	<i>General statistics - N...</i> - Suppl : Yvik SWAN, Thomas VERDEBOUT	Q1	30	20	-	<b>4</b>
STAT0077-1	<i>Computing analysis and processing of biological data</i> - Patrick MEYER	Q2	25	-	-	<b>2</b>
MICR0711-1	<i>Microbiology</i>	TA				<b>7</b>
	- <i>Part 1 : Algology and mycology</i> - Denis BAURAIN	20	10	-		
	- <i>Part 2 : Bacteriology</i> - Bernard JORIS	20	10	-		
	- <i>Part 3 : Virology</i> - Jacques PIETTE	20	10	-		
BIOL0216-1	<i>Animal physiology</i> - JeanChristophe PLUMIER, Marc THIRY	Q1	60	30	-	<b>6</b>
BIOL0217-1	<i>Vegetal physiology</i> - Claire PÉRILLEUX	Q2	35	20	-	<b>4</b>
IMMU0521-1	<i>Immunology</i> - Catherine SADZOT	TA	20	15	-	<b>3</b>
BIOL0003-1	<i>Biology of pluricellular organisms</i>	Q1				<b>5</b>
	- <i>Animal</i> - MarieFrance VERSALI	15	15	-		
	- <i>Plant Biology</i> - Claire PÉRILLEUX	15	15	-		
GENE0004-1	<i>Molecular biology of the gene</i> - Franck DEQUIEDT	TA	60	30	-	<b>7</b>
BIOC0724-2	<i>Chemistry of biological macromolecules, Including thermodynamics of biological systems</i> - Moreno GALLEN, André MATAGNE	TA	70	40	-	<b>9</b>
BIOL0024-1	<i>Molecular physiology of the cell</i> - Patrick MOTTE	Q2	15	10	-	<b>2</b>
STRA0038-1	<i>Seminars</i> - Moreno GALLEN - [4h Vis. Ind. Pl. ]	Q1	5	-	[+]	<b>1</b>
STRA0044-1	<i>Training in scientific communication</i> - Jacques DOMMES, Patrick MOTTE - [50h Internship]	Q2	-	-	[+]	<b>4</b>
PHIL1106-1	<i>Philosophy and bioethics</i>	Q2				<b>2</b>
	- <i>Part : Philosophy</i> - Julien PIERON	15	-	-		
	- <i>Part : Bioethics</i> - Florence CAEYMAEX, Jacques DOMMES, Vincent GEENEN	15	-	-		
LANG0082-1	<i>English 3 (english language)</i> - Clara BRERETON, Véronique DOPPAGNE, Ellen HARRY, ISLV	TA	45	-	-	<b>4</b>