

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

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|------------|--|----|----|-----|-----------|
| BIOC0209-4 | <i>Chemistry of biological macromolecules, including thermodynamics of biological systems</i> - Moreno GALLEN, André MATAGNE - [4h Vis. Ind. Pl.] | 70 | 40 | [+] | 10 |
| BIOL0003-1 | <i>Biology of pluricellular organisms</i> - <i>Animal</i> - Marie-France VERSALI - <i>Plant Biology</i> - Claire PÉRILLEUX | 15 | 15 | - | 5 |
| BIOL0216-1 | <i>Animal physiology</i> - Jean-Christophe PLUMIER, Marc THIRY | 60 | 30 | - | 6 |
| BIOL0217-1 | <i>Vegetal physiology</i> - Patrick MOTTE, Claire PÉRILLEUX | 40 | 25 | - | 5 |
| GENE0210-1 | <i>Genetics and molecular biology</i> - Joseph MARTIAL | 60 | 30 | - | 8 |
| IMMU0521-1 | <i>Immunology</i> - Catherine SADZOT | 20 | 15 | - | 3 |
| MICR0711-1 | <i>Microbiology</i> - <i>Part 1 : Algology and mycology</i> - Vincent DEMOULIN - <i>Part 2 : Bacteriology</i> - Bernard JORIS - <i>Part 3 : Virology</i> - Jacques PIETTE | 20 | 10 | - | 7 |
| PHIL1106-1 | <i>Philosophy and bioethics</i> - <i>Part : Philosophy</i> - Julien PIERON - <i>Part : Bioethics</i> - Jean-Marie BOUQUEGNEAU | 15 | - | - | 2 |
| STAT0203-1 | <i>General statistics and data processing</i> - Adelin ALBERT | 30 | 30 | - | 6 |
| STRA0008-1 | <i>Bibliographical research and student seminars, 50 h.</i> - Jacques DOMMES, Patrick MOTTE - [50h Internship] | - | - | [+] | 4 |
| LANG0082-1 | <i>English 3 (english language)</i> - Véronique DOPPAGNE, Christine FILOT, ISLV | 45 | - | - | 4 |