

## A single year

### The Higher Education degrees concerned by this preliminary programme are :

- \* Bachelor in Agricultural Sciences
- \* Bachelor in Industrial Sciences

The supplementary year giving access to the master's degree in space sciences consists of the third year of the bachelor's degree in physical sciences in engineering sciences ( civil engineering orientation) or in engineering sciences (bioengineering orientation)

### Compulsory courses (programme of the 3rd year of Bachelor in Physics)

PHYS0089-1	<i>Mathematical tools of physics</i> - Peter SCHLAGHECK	30	30	-	<b>6</b>
STAT0064-3	<i>Statistics of experimental data in physics</i> - N... - Suppl : Gentiane HAESBROECK, Christel RUWET	30	15	-	<b>4</b>
PHYS0091-1	<i>Quantum physics</i> - Thierry BASTIN	55	35	-	<b>8</b>
PHYS0092-1	<i>Experimental physics : Electronic and instrumentation</i> - Ngoc Duy NGUYEN	30	35	-	<b>6</b>
PHYS0093-1	<i>Nuclear detection</i> - David STRIVAY	10	25	-	<b>3</b>
PHYS0212-2	<i>Statistical physics</i> - Nicolas VANDEWALLE	30	30	-	<b>6</b>
PHYS0936-2	<i>Materials Physics</i> - Philippe GHOSEZ - Suppl : Julien VARIGNON	30	20	-	<b>5</b>
MECA0202-2	<i>Analytical Mechanics II</i> - Jean SURDEJ	30	30	-	<b>6</b>
PHIL0201-1	<i>Elements of philosophy</i> - Julien PIERON	15	-	-	<b>2</b>
ASTR0204-2	<i>Astrophysics and geophysics</i> - MarcAntoine DUPRET	30	30	-	<b>6</b>
STRA0005-3	<i>Training sessions and personal activities</i> - Ngoc Duy NGUYEN, Christelle PROSPERI - [2d FW]	10	30	[+]	<b>4</b>
LANG0082-1	<i>English 3</i> (english language) - Véronique DOPPAGNE, Ellen HARRY, ISLV	45	-	-	<b>4</b>

Concerning the two other possibilities, the courses programme is available at the office of the Faculty of Applied Sciences for the third year of the Bachelor in engineering sciences, civil engineer orientation, or at the office of the Faculty of Gembloux Agro Bio-Tech (GxABT) for the third year of the Bachelor in engineering sciences, in bioengineering.