

## First Year

All year round

### Compulsory courses

STAT1207-1	<i>Applied statistics</i> - JeanJacques CLAUSTRIAUX	30	30	-	5
LANG0906-2	<i>English language, part 2</i> - Estelle MAYARD	16	32	-	4

First semester

### Compulsory courses

GEST3028-2	<i>Accounting and management</i> - Thomas DOGOT, Philippe LEBAILLY	24	24	-	4
GEST3015-1	<i>Quality management</i> - Marianne SINDIC - [6h SEM]	18	-	[+]	2
AGRO0018-1	<i>Office automation</i> - JeanJacques CLAUSTRIAUX	15	-	-	2

Second semester

### Compulsory courses

MANA0001-1	<i>Human resources and industrial relations management</i> - Philippe LEPOIVRE - [8h AUTR]	-	-	[+]	2
RSTG0006-1	<i>Training</i> - COLLÉGIALITÉ	-	-	-	10

### Optional courses

[...] Choose courses from the 1st and 2nd year of the Master in Bioengineering totalling 31 ECTS, with the approval of the President of the Jury

## Second Year

### Compulsory courses

DOCU0449-2	<i>Scientific literature and information literacy</i> - Bernard POCHE	4	6	-	2
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### Optional courses

Choose courses totaling 36 ECTS from the following :

#### Final work

RTFE0007-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	28
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*Notice* : Final work for students enrolled at the Professional focus.

RTFE0013-1	<i>Final work</i> - COLLÉGIALITÉ	-	-	-	18
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*Notice* : Final thesis for students enrolled in the professional focus in biological waste treatment

#### These courses has to be taken by the students enrolled in the professional focus in biological waste treatment.

GESA0001-2	<i>Chemical and physico-chemical analysis of waters</i> - JeanPaul BARTHELEMY	8	16	-	2
GESA0002-1	<i>Measurement and analysis of pollutants and micropollutants</i> - Philippe MAESEN	18	6	-	2
GESA0003-1	<i>Automatisation of processing sites</i> - N... - Suppl : JeanLuc VASEL	9	9	-	2
GESA0004-2	<i>Environmental legislation and policy</i> - N...	12	-	-	2
ENVT2055-1	<i>Ecosystem deterioration</i> - Roger PAUL	12	-	-	2
GESA0005-1	<i>Fluid mecanic and hydrology</i> - N...	10	4	-	2
GESA0014-1	<i>Life cycle analysis</i> - Angélique LÉONARD	12	12	-	2
GESA0016-1	<i>Industrial effluent treatment</i> - Philippe THONART	12	-	-	2
CHIM9225-1	<i>Gas effluents processing</i> - JeanMarc ALDRIC	14	-	-	2

[...] Courses should be chosen from the 1st and 2nd year Masters programmes (bioengineer, statistics specialising in biostatistics, agronomical and industrial life sciences) in relevant fields for a total of 10 credits.

### Compulsory courses

DOCU0451-1	<i>Literature seminar</i> - N...	-	-	-	8
DOCU0452-1	<i>Quality systems and their systems of reference in terms of research</i> - Marianne SINDIC	-	-	-	2
LANG0907-2	<i>English language : scientific communication</i> - Sophie DEPOTERRE, Dany ETIENNE	-	36	-	4

### Master en sciences agronomiques et industrie du vivant, à finalité approfondie

DOCU0453-1 [...]	<i>Study and design of a research project - N...</i> A 2-credit course to be chosen from the 1st and 2nd year Masters programmes (bioengineer, statistics specialising in biostatistics, agronomical and industrial life sciences) in relevant fields.	-	-	-	<b>6</b>
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Second semester

#### Compulsory courses

DOCU0449-2	<i>Scientific literature and information literacy - Bernard POCHET</i>	4	6	-	<b>2</b>
RTFE0013-1 [...]	<i>Final work - COLLÉGIALITÉ</i> Classes to be chosen from the 1st and 2nd year Masters in Bioengineering programme or from the programme of another ULg faculty for a total of 10 credits minimum, from subjects relating to the field, in agreement with the President of the Jury	-	-	-	<b>18</b>

#### Compulsory courses

##### All year round

DOCU0451-1	<i>Literature seminar - N...</i>	-	-	-	<b>8</b>
DOCU0452-1	<i>Quality systems and their systems of reference in terms of research - Marianne SINDIC</i>	-	-	-	<b>2</b>
LANG0907-2	<i>English language : scientific communication - Sophie DEPOTERRE, Dany ETIENNE</i>	-	36	-	<b>4</b>
DOCU0453-1 [...]	<i>Study and design of a research project - N...</i> Classes for a total of 10 credits to be chosen from the 1st and 2nd year Masters in Bioengineering programme from subjects relating to the field, in agreement with the President of the Jury	-	-	-	<b>6</b>