

First Year

All year round

Compulsory courses

STAT1207-1 *Applied statistics* - Yves BROSTAUX TA 30 30 - 5

Optional courses

Courses to be chosen according to the level test

LANG2962-1 *English language : level 2* - Sophie DEPOTERRE, Estelle MAYARD - [48h
E-Lrng] TA - 24 [+] 4

LANG2966-1 *English language : level 3 (english language)* - Ingrid BERTRAND TA - 48 - 4

First semester

Compulsory courses

GEST3015-1 *Quality management* - Marianne SINDIC - [6h SEM] Q1 18 - [+] 2

Second semester

Compulsory courses

GEST3028-2 *Accounting and management* - Thomas DOGOT, Philippe LEBAILLY Q2 24 24 - 4
RSTG0006-1 *Internship and professional relations* - COLLÉGIALITÉ - - - 12

Optional courses

[...] Choose courses from the programme of the 1st and 2nd Master in bioengineering
totalling 33 ECTS, with the approval of the President of the Jury

Second Year

First semester

Compulsory courses

DOCU0449-3 *Scientific literature and information literacy* - Bernard POCHET - [14h AUTR] Q2 4 6 [+] 2

Second semester

Compulsory courses

RTFE0013-1 *Final work* - COLLÉGIALITÉ - - - 18

[...] Choose courses, with the approval of the President of the Jury, totalling
minimum 10 ECTS from the following list

- * 1st and 2nd year courses in the master in bioengineering in subjects related to the field of speciality;
- * Master-level courses from another of the ULg's faculties in subjects related to the field;
- * Bibliographical studies and preparation for final thesis.

Microbial biotechnologies

Compulsory courses

Approach per subject

BIOT0002-1 *Biopharmaceutical applications* - Frank DELVIGNE, Patrick FICKERS - - - 3

BIOT0003-1 *Agro-alimentary applications* - Frank DELVIGNE, Patrick FICKERS - - - 3

BIOT0004-1 *Bioenergy applications* - N..., N... - - - 3

BIOT0005-1 *Environmental applications* - Frank DELVIGNE, Patrick FICKERS - - - 3

BIOT0006-1 *Green chemistry applications* - N..., N... - - - 4

Approach per project: solving industrial problems

BIOT0007-1 *Project* - Frank DELVIGNE, Patrick FICKERS, Philippe JACQUES - - - 6

Module of ex cathedra course and conference

BIOT0008-1 *Introduction to bioprocess dimensioning* - Frank DELVIGNE, Philippe JACQUES - - - 4

BIOT0009-1 *Seminar and latest developments* - Frank DELVIGNE, N..., N... - - - 4