

BIOTECH BEYOND BORDERS

EXCHANGE SEMESTERS

WINTER SEMESTER



UCLy
LYON CATHOLIC
UNIVERSITY



ESTBB is part of UCLy (Catholic University of Lyon), a private higher education institution recognized of general interest [EESPIG] by the French government.

10 PLACE DES ARCHIVES
69288 LYON CEDEX 02
FRANCE
+33 (0)4 72 32 51 98

INTERNATIONAL RELATIONS OFFICE
estbb-relationsinternationales@univ-catholyon.fr



estbb ^{UCLy}
École d'Ingénieurs en Biotechnologies

The Engineering School of
Biotechnology at UCLy in Lyon
for over 70 years

Intermediate level studies | 2nd Year Undergraduate Courses : Semester 3, from September to mid-January

Bachelor Assistant Engineer Biology - Biochemistry - Biotechnologies

Title	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Immunology applied to diagnosis	French	5	20	4	12	/
Bactériology 2	French	10	16	/	68	/
Bactériology 3	French	5	6	/	34	/
Structural Biochemistry 2	French	5	10	2	34	/
Functional biochemistry - Enzymology	French	5	10	2	19	/
Biochemical analysis techniques	French	10	26	/	54	/
Biostatistics 2	French	5	12	16	/	/

Bachelor Life Sciences - minor Humanities

Title	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
General immunology	French	5	26	12	10	/
Microbiology	French	5	30	10	12	/
Metabolic Biochemistry and enzymology	French	5	30	12	12	/
Advanced Genetic	French	6	26	12	10	20
Humanities : - Histoire et épistémologie de la biologie - Naturel et artificiel	French	5	22 25	/	/	/

Engineer in Biotechnology

Title	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Metabolic Biochemistry	French	5	10	6	14	6
Chemical Kinetics and Enzymology	French	5	10	6	14	6
Cell Biology - Signaling	French	5	10	10	10	6
Genetic engineering	French	5	10	/	20	6
Computer Science 3	French	5	10	10	/	20
Analytic Sciences 2	French	5	10	10	10	6
Electronic	French	5	10	10	10	6
Organic Chemistry 2	French	5	10	10	10	6
Physics 3	French	5	10	20	/	6
Mathematics 3	French	5	10	20	/	6
Interculturality, Ecological transition and sustainable development 1	French	5	10	20	/	/

LEGEND

L: Lectures
 LC: Laboratory classes
 EC: Exercise Classes
 T: Tutorial
 ECTS: European Credits Transfert system
 Document may be subject to change.

Advanced level studies | 3rd Year Undergraduate Courses : Semester 5, from September to mid-January

Bachelor Assistant Engineer Biology - Biochemistry - Biotechnologies

Title	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Developmental biology and applied immunology	French	5	17	7	4	/
Drug development	French	5	12	4	/	/
Cell Culture 2	English	10	2	/	41	/
Introduction to entrepreneurship	French	15	70	10	/	/

Bachelor Life Sciences - minor Humanities

Title	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Applied Immunology	English	5	28	12	8	/
Systems biology	English	5	30	8	/	12
Humanities: - module obligatoire: Biodiversité - module au choix: Anthropologie du corps / Santé et maladie	French	5	25 25	/	/	/

Engineer in Biotechnology

Title	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Infectiology (Virology, Mycology)	French	5	10	/	24	/
Biotechnologies and introduction to Bioproduction	French	5	12	/	24	/
Introduction to Genetic analysis	French	5	16	14	/	8
Quality Management: from GLP to GMP	French	5	10	10	10	/
Bioprocesses	French	5	10	10	18	/
Analytical Methods validation	French	5	8	8	18	/
Mathematics/statistics - level 4 [R et design of experiments]	French	5	16	14	/	/
Physic: heat transfer and matter	French	5	10	10	10	/
Introduction to Economical Sciences	French	5	25	5	/	/
Society and Biotechnology: ethical and societal / Introduction to law	French	5	20	10	/	/

LEGEND

L: Lectures
 LC: Laboratory classes
 EC: Exercise Classes
 T: Tutorial
 ECTS: European Credits Transfert system
 Document may be subject to change.



Modules with a flexible timeline :

To mix and match as you prefer with the 2nd year or 3rd year courses

Modules with a flexible timeline : to mix and match as you prefer						
Title	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Scientific written communication	English	10	/	/	/	30
Research project	English	5	/	/	/	30
French as a Foreign Language courses	French	3	30	/	/	/
Acting in English	English	5	20	/	/	/
Intercultural Communication Skills	English	5	20	/	/	/
Media Social Communication on Climate change	English	5	20	/	/	/
Preserving Biodiversity: A Challenge we must face	English	5	20	/	/	/

IMPORTANT INFORMATION

Syllabus can be found on [estbb](http://estbb.com) website

Exchange students follow the same courses as **ESTBB** students.

If you select courses from different study courses or different semesters, this might lead to clashes in your time table and/ or clashes in the examination period.



LEGEND

L: Lectures
LC: Laboratory classes
EC: Exercise Classes
T: Tutorial
ECTS: European Credits Transfert system
Document may be subject to change.

Application procedure

1. Online nomination

<https://www.estbb.fr/en/foreign-student/programmes/exchange-semester-at-estbb/incoming-students/>

- Deadline: Winter semester: May 15th

2. Online application

<https://www.estbb.fr/en/foreign-student/programmes/exchange-semester-at-estbb/incoming-students/>

- Deadline: Winter Semester: June 1st

3. Additional documents required:

- Transcript of Records
- Proof of English or French language proficiency (official exam or a letter of recommendation from your English or French teachers)
- Your CV and a cover letter explaining what you are expecting from this mobility in French or English
- 1 passport-sized photograph



For more information



Find us also on

