

BIOTECH BEYOND BORDERS

EXCHANGE SEMESTERS SPRING 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.



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estbb 
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 4, from mid-January to June

Bachelor Assistant Engineer Biology-Biochemistry-Biotechnologies						
Titre	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Virology _ Genetic Engineering 2	English	10	28	10	31	/
Cell Culture level 1 - Histology	French	5	14	/	13	/
Metabolic and Analytical Biochemistry	French	5	32	/	34	/

Bachelor Life Sciences - minor Humanities						
Titre	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Advanced Microbiology	French	5	24	12	10	/
Integrative Cell Biology	French	6	30	12	10	/
Sciences for the Engineer	French	6	26	30	/	/
Plant Physiology	French	5	26	12	12	/
Bioinformatic	French	6	/	24	/	49
Humanities: - module obligatoire: Identité biologique et identité humaine - module au choix: Culture Scientifique et enjeux sociétaux / Entreprise et humanisme	French	5	25 25	/	/	/

Biotechnology Engineer						
Titre	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Microbiology 2 (Bactériologie, virology et parasitology)	French	5	10	/	20	6
Animal and plant physiology	French	5	10	10	10	6
Immunology	French	5	10	10	10	6
Ecosystem Biology	French	5	10	10	10	6
Biostatistics	French	5	10	10	10	6
Physic 4	French	5	10	20	/	6
Mathématique 4	French	5	10	20	/	6
Interculturality, Ecological transition and sustainable development 2	French	2,5	10	10	/	/

Advanced level studies | 3rd Year Undergraduate Courses : Semester 6, from mid-January to June

Bachelor Assistant Engineer Biology-Biochemistry-Biotechnologies						
Titre	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Skin Biology	English	5	23	/	13	/
Advanced genetic engineering (Molecular biology, Virology, Cancer biology)	English	5	36	/	/	/
Bioprocesses	English	5	12	/	31	/

Bachelor Life Sciences - minor Humanities						
Titre	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Technologies cellulaires	French	5	22	16	11	/
Biotechnologies	French	5	30	8	/	8
Scientific Writing	French	6	16	12	/	20
Case study	French	6	22	4	/	36
Humanities: - module obligatoire: éthique de la santé - module au choix: savoir et croire / L'art comme chemin de la connaissance	French	5	25 25	/	/	/

Biotechnology Engineer						
Titre	Language of teaching	ECTS	L (h)	EC (h)	LC (h)	T (h)
Advanced Immunology	English	5	10	8	16	/
Genetic Engineering	English	5	10	/	24	/
Project : European Biotechnology	English	5	10	/	/	30
Cellular technologies	English	5	10	/	30	/
Bioinformatic	English	5	6	24	10	/
Industrial Microbiology	English	5	10	/	30	/
Introduction to Chronic Diseases: Cancer, Neurodegenerative and Metabolic Diseases	English	5	30	/	/	/
Microbial cell factories	English	5	30	/	/	/
Entrepreneurship level 1	French	5	10	10	/	20

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 to 10	/	/	/	30
Internship	English	10 to 30				
French as a Foreign Language courses	English	3	30	/	/	/
French Language & Intercultural Communication through Student Engagement and Networking	English	5	30	/	/	10
Acting in English	English	5	20			
Behind the scenes of International Diplomacy	English	5	20			
Intercultural Communication Skills	English	5	20			
Preserving Biodiversity: A challenge we must face	English	5	20			



IMPORTANT INFORMATION

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

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Application procedure

1. Online nomination

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

- Deadline: Spring semester: Oct 15th

2. Online application

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

- Deadline: Spring Semester: Nov 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**



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