

Modules taught in English

Syllabus can be found on estbb website

Exchange students follow the same courses as degree students. If you select courses from different study courses or different semesters (e.g. semester 2 and 4), this might lead to clashes in your time table and/ or clashes in the examination period. Please consider this in your choices.

Code	Title	Language of teaching	ECTS
<i>Modules with a flexible timeline : to mix and match as you prefer</i>			
EL-IN1	Scientific written communication	English	10
EL-IN2	Research project	English	5 to 10
EL-IN3	Epigenetics	Online - English	5
EL-IN4	Ecology	Online - English	5
EL-IN5	Genome editing and Engineering	Online - English	5
EL-IN6	Cancer Biology	Online - English	5
AIS6UE08-IN	Internship	English	10 to 30
<i>Semester 5 [Fall] : From mid-October to mid-November: 4 weeks of Practical with a small group (less than 12) of French students</i>			
AIS5UE03-IN	Cell culture 2	English	10
<i>Semester 5 [Fall]: From Mid-October to Mid-December: to go further in Life Sciences and to combine with other interests</i>			
SVH5SUE 01-IN	Applied Immunology	English	5
SVH5SUE 02-IN	Ecology	English	5
SVH5SUE 02-IN	Systems biology	English	5
<i>Semester 6 [Spring]: From mid-January to June (last exam: end of May): to develop strong basis to become an Engineer in Biotechnology</i>			
INS6TBS 01-IN	Advanced Immunology	English	5
INS6TBS 02-IN	Genetic Engineering	English	5
INS6TBS 03-IN	Project : European Biotechnology	English	5
INS6TSTI 02-IN	Cellular technologies	English	5
INS6TSTI 03-IN	Bioinformatic	English	5
INS6TSTI 04-IN	Industrial Microbiology	English	5
<i>Semester 6 [Spring]: From End of January to End of March : a short semester with a perfect timeline to combine with an internship</i>			
AIS6UE03-IN	Advanced genetic engineering [Molecular biology, Virology, Cancer biology]	English	5
AIS6UE04-IN	Bioprocesses	English	5



Application procedure

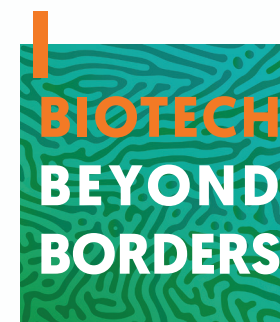
- 1. Nomination by your Home university**
Deadline: Fall Semester: May 15th
Spring semester: Oct 15th
- 2. You will receive an email with the application form**
Deadline: Fall semester: June 1st
Spring Semester: Nov 1st
- 3. Choose your plan study; need help to decide?**
contact Fanny ODET
- 4. Fill the application and send it to us at:**
estbb-relationsinternationales@univ-catholyon.fr



For more information



Find us also on



EXCHANGE 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

Fanny ODET-RADVAY
Director of International Relations
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

Modules taught in French

Assistant Engineer Bachelor program (AI)

Code	Titre	Language of teaching	ECTS
Semester 3 (Fall): From September 1st to end of January (2nd year Assistant Engineer Bachelor) : to learn by doing, with a lot of Practical in small group			
AIS3UE01-IN	Immunologie appliquée au diagnostic	French *	5
AIS3UE02-IN	Bactéries non exigeantes	French *	10
AIS3UE03-IN	Bactéries fragiles et antibiogrammes	French *	5
AIS3UE04-IN	Biochimie structurale	French *	5
AIS3UE05-IN	Biochimie fonctionnelle Enzymologie	French *	5
AIS3UE06-IN	Techniques d'analyses biochimiques	French *	10
AIS3UE07-IN	Biostatistiques 2	French	5
Semester 4 (Spring): From mid-January to mid-May (2nd year Assistant Engineer Bachelor)			
AIS4UE01-IN	Virology _ Genetic Engineering 2	English	10
AIS4UE02-IN	Culture cellulaire 1 - Histologie	French	5
AIS4UE03-IN	Biochimie métabolique et analytique	French	5
Semester 5 (Spring): From mid-January to mid-May (3rd year Assistant Engineer Bachelor)			
AIS5UE01-IN	Biologie du développement et immunologie appliquée	French	5
AIS5UE02-IN	Développement du médicament	French	5
AIS5UE03-IN	Cell Culture 2	English	10
AIS5UE04-IN	Initiation à l'entrepreneuriat	French	15
AIS5UE06-IN	Communication écrite scientifique	English / French	10

Modules taught in English

from other faculties

Being part of UCLy means that you can chose a course in the other faculties; have a look here:

- Business (ESDES)
- Faculty of Law
- Languages, Translation, and Communication (ESTRI)
- Faculty of Psychology
- Faculty of Literature and Civilization
- Extended Learning
- Département (DFH)



Modules taught in French

Bachelor in Life Sciences minor Humanities program

Code	Title in French	Language of teaching	ECTS
Semester 3 (fall) : From September 1st to the end of January (2nd year Bachelor Life Scdences minor Humanities)			
SVHS3UE 01-IN	Immunologie générale	French	5
SVHS3UE 02-IN	Microbiologie	French	5
SVHS3UE 03-IN	Biochimie Métabolique et enzymologie	French	5
SVHS3UE 04-IN	Génétique avancée	French	6
SVHS3UE 05-IN	Compétences transversales	French	4
SVHS3UE 06-IN	Humanités : - Histoire et épistémologie de la biologie - Naturel et artificiel	French	5
Semester 4 (spring): From mid-January to mid-June (2nd year Bachelor Life Sciences minor Humanities)			
SVHS4UE 01-IN	Microbiologie avancée	French	5
SVHS4UE 02-IN	Biologie cellulaire intégrative	French	6
SVHS4UE 02bis-IN	Sciences de l'ingénieur - Chimie / Physique / Mathématiques	French	6
SVHS4UE 03-IN	Physiologie végétale	French	5
SVHS4UE 04-IN	Apprentissage par la Recherche, Bioinformatique	French	6
SVHS4UE 05-IN	Compétences transversales	French	4
SVHS4UE 06-IN	Humanités: - module obligatoire: Identité biologique et identité humaine - module au choix: Culture Scientifique et enjeux sociétaux / Entreprise et humanisme	French	5
Semester 6 (spring): From mid-January to mid-June (3rd year Bachelor Life Sciences minor Humanities)			
SVHS6UE 01-IN	Technologies cellulaires	French	5
SVHS6UE 02-IN	Biotechnologies	French	5
SVHS6UE 03-IN	Ecriture scientifique	French	6
SVHS6UE 04-IN	Etude de cas	French	6
SVHS6UE 05-IN	Compétences transversales	French / English	4
SVHS6UE 06-IN	Humanités: - module obligatoire: éthique de la santé - module au choix: savoir et croire / L'art comme chemin de la connaissance	French	5

Modules taught in French

Bachelor in Life Sciences minor Humanities program

Code	Title in French	Language of teaching	ECTS
Semester 3 (Fall): From September 1st to the end of January (Engineer in Biotech-2nd preparatory year)			
INS3ETBS 01-IN	Biochimie métabolique	French	2,5
INS3ETBS 02-IN	Cinétique chimique et Enzymologie	French	2,5
INS3ETBS 03-IN	Biologie cellulaire - Signalisation	French	2,5
INS3ETBS 04-IN	Génie Génétique	French	2,5
INS3ETSTI 01-IN	Informatique 3	French	5
INS3ETSTI 02-IN	Sciences analytiques 2	French	5
INS3ETSTI 03-IN	Electronique	French	5
INS3ETSF0 1-IN	Chimie organique 2	French	5
INS3ETSF0 2-IN	Physique 3	French	5
INS3ETSF0 3-IN	Mathématique 3	French	5
INS3ETHM 01-IN	Interculturalité, transition écologique et développement durable 1	French	1
Semester 4 (Spring): From mid of January to mid-June (Engineer in Biotech-2nd preparatory year)			
INS4ETBS 01-IN	Biochimie métabolique	French	5
INS4ETBS 02-IN	Cinétique chimique et Enzymologie	French	5
INS4ETBS 03-IN	Biologie cellulaire - Signalisation	French	5
INS4ETBS 04-IN	Génie Génétique	French	5
INS4ETSTI 01-IN	Informatique 3	French	5
INS4ETSF0 2-IN	Sciences analytiques 2	French	5
INS4ETHM 01-IN	Electronique	French	2,5
Semester 5 (Fall): From September 1st to end of December (Engineer in Biotech-1st year common core)			
INS5ETBS 01-IN	Socle infectieux (virologie, parasitologie, mycologie)	French	5
INS5ETBS 02-IN	Panorama des biotechnologies et introduction à la bioproduction	French	5
INS5ETBS 03-IN	Introduction à l'analyse génétique	French	5
INS5ETSTI 01-IN	SMQ: des BPL au BPF	French	5
INS5ETSTI 02-IN	Socle génie des bioprocédés	French	5
INS5ETSTI 03-IN	Validation des méthodes analytiques	French	5
INS5ETSF0 1-IN	Mathématiques/statistiques - Cours 4 (R et plan d'expérience)	French	5
INS5ETSF0 2-IN	Physique: les transferts de chaleur et matière	French	5
INS5ETHM 01-IN	Introduction aux sciences économiques	French	5
INS5ETHM 02-IN	Société et biotechnologie: enjeux éthiques et sociétaux / Introduction au droit	French	5

