

PROGRAM

BIOSCIENCES

ENS DE LYON – UNIVERSITÉ CLAUDE-BERNARD LYON 1

<http://biologie.ens-lyon.fr/>

A HIGH-LEVEL CURRICULUM, DRIVEN BY CUTTING-EDGE RESEARCH, TO TAKE UP THE CHALLENGES IN CONTEMPORARY BIOLOGY

- Providing fundamental knowledge in cellular and molecular biology to grasp biology from the sub-cellular level to the highest levels of complexity: organism, population, biosphere and their evolution
- Acquiring universal skills: English, statistics and IT, bibliography, scientific communication

Students complete lab works and internships in France and abroad as a part of the curriculum.

They start designing their own curriculum during their first year at the ENS de Lyon, with the agreement of the Head of their study program, and benefit from an individualized mentoring.

FUNDING OPPORTUNITIES

For all students:

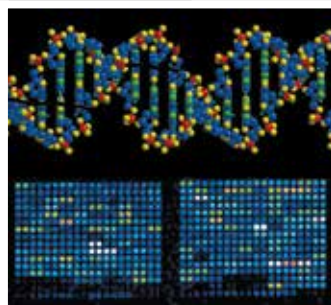
- ENS de Lyon Ampère scholarship
- Scholarship from the Avenir Lyon Saint Étienne program (PALSE)

For «normalien» students:

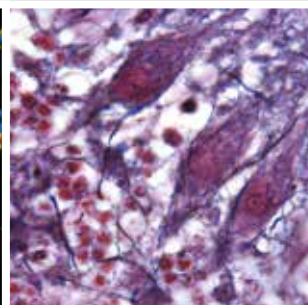
- Salary for students from an EU member state
- Excellence grants for students from any other country



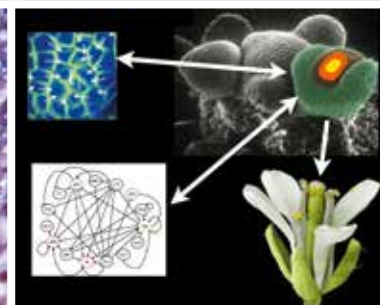
Hydrangea



Gene expression



Purkinje cell of the mouse cerebellum



Floral development

COURSE OF STUDY

- **Biosciences Bachelor's Degree (3rd year only)**
100% in French

The course provides solid knowledge to best prepare students for the Master's Degree program

- **Biosciences Master's Degree (Label Université de Lyon)**

1st semester: 100% in French / 2nd to 4th semester: 100% in English

- General 1st semester, including two mandatory courses (English / French according to native language, Science and Society) and 4 selective courses to select from a list of 12
- 2nd, 3rd and 4th semesters of specialization with a large range of options and research internships in France and abroad

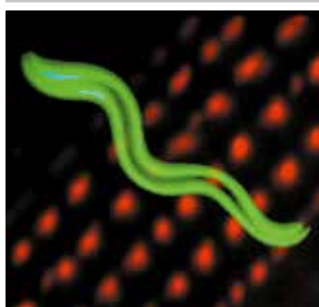
CAREER OPPORTUNITIES

- Researchers, academic career, research engineers, executives in public laboratories or R&D researchers in the private sector
- Preparation for French high school teaching degrees

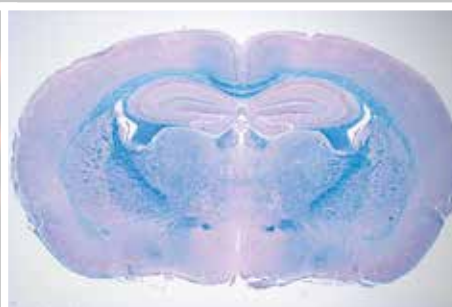
ADMISSION

Open both before and after a Bachelor's degree: possibility to join the ENS de Lyon for the 3rd year of the Bachelor's Degree program (L3), and for the 1st or 2nd year of the Master's Degree program (M1, M2)

ENTRANCE EXAM Status: «normalien» student / L3	SELECTION BASED ON CV AND ACADEMIC RECORD Status: student / M1, M2	INTERNATIONAL EXCHANGE PROGRAM Status: student / L3, M1, M2
<ul style="list-style-type: none"> • 1st entrance exam: open to students who completed 2 years in a <i>Classe Préparatoire aux Grandes Écoles</i> • 2nd entrance exam: open to undergraduate students who completed a minimum of 2 years of a Bachelor's Degree 	<ul style="list-style-type: none"> • Examination of the student's academic record by a recruitment commission • Selection criteria: quality of the candidate's academic profile, motivation and personal project in line with the program content 	<ul style="list-style-type: none"> • Bilateral agreements, ERASMUS, CREPUQ (Quebec), or ORA (Ontario) for a 1 or 2 semester study period recognized by the home university • Pre-selection by the home university
Level of French required: B2 (Common European Framework of Reference for Languages classification) Level of English required: B2 (Common European Framework of Reference for Languages classification)		



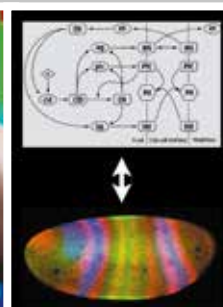
C. elegans muscle



Mouse brain cross section: neurobiology



Chromatin structure



Embryonic development

HOW TO APPLY

APPLICATION FOR THE ENTRANCE EXAM	SUBMISSION OF THE APPLICATION FILE	APPLICATION FOR INTERNATIONAL EXCHANGE
1 st entrance exam: application form to be sent in December / January	To get a scholarship: application form to be sent in February	1 st semester or the entire year: application form to be sent by April 30 th
2 nd entrance exam: application form to be sent between January and April	Without scholarship: application form to be sent in March	2 nd semester: application form to be sent by October 30 th

MORE ABOUT

APPLICATION

On www.ens-lyon.eu:
 International > Studying at the ENS de Lyon

- **1st and 2nd entrance exam**
 - > Become a Normalien
- **Admission on application file**
 - > Masters/Doctorate
- **International exchange program**
 - > International Exchanges

FUNDING OPPORTUNITIES

On www.ens-lyon.eu:
 International > Studying at the ENS de Lyon > Scholarships

PROGRAM LEADERS:
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