UCL Faculté des sciences

SC

BIOL2283 Biologie moléculaire et cellulaire végétale

[30h+15h exercises] 3.5 credits

This course is taught in the 1st semester

Teacher(s):	François Chaumont
Language:	french
Level:	2nd cycle course

Aims

To understand the way the expression of genes and proteins is specifically regulated in the cells and tissues during the development of the plant under the effect of internal or external stimuli. After this course the student will be capable of understanding and explaining the strategies and methodologies of molecular and cellular biology used to discover the functioning of a plant.

Main themes

This course completes by molecular data the teaching of morphogenesis and vegetal development seen at the level of the organism and its physiology. The starting point is the plant in development exposed to various environmental stimuli. The regulation of gene and protein expression at different developmental stages and in different environmental conditions will be studied. The subjects in this course will have to be adaptable to scientific actuality and correspond to the interests of students.

Other credits in programs

BIOL22/A	Deuxième licence en sciences biologiques (Biologie moléculaire, cellulaire et humaine)	(3.5 credits)
BIOL22/B	Deuxième licence en sciences biologiques (Biologie des organismes et des populations)	(3.5 credits)