



Faculté des sciences

SC

BIOL2211 **Génétique microbienne**

[30h+15h exercises] 3.5 credits

This course is taught in the 2nd semester

Teacher(s): Anne-Marie Corbisier, Bernard Hallet
Language: english
Level: 2nd cycle course

Aims

The objective of this course is to introduce the students to the diversity and mostly the flexibility of genetic systems encountered in microorganisms, whether bacteria or eucaryotes (filamentous fungus or yeast). We go into detail on the different types of organization of genetic information, the modes of genetic regulation (replication and expression), the variations (mutations and rearrangements), reparations and transfers, mostly detailed on bacteria. The genetic systems of inferior eucaryotes presented in depth are nuclear or Mendel heredity and cytoplasmic or non-Mendel heredity.

Main themes

See BIOL department.

Other credits in programs

BIOL22/A	Deuxième licence en sciences biologiques (Biologie moléculaire, cellulaire et humaine)	
CHIM22	Deuxième licence en sciences chimiques	(3.5 credits)