

Faculty of Law



ECRI1506 Criminal Biology

[30h] 3 credits

Teacher(s): Philippe De Witte
Language: French
Level: First cycle

Aims

The aim of this lecture is to introduce students to the biological thinking, in scientific approach and on the role of neurobiological bases of human behaviors and particularly in delinquent behaviors.

Main themes

1. Neurobiological development and the evolutionary process of man.
2. Consequences of chromosome anomalies and of heredity on human conduct and criminality.
3. Role of brain structures and of hormonal secretions on the regulation of human conduct.
4. Neurobiology and aggressive behaviors.
5. Neurobiology of addictive behaviors .
6. States of consciousness and criminal behavior.
7. Neurophysiological consequences of cerebral lesions. Relationship with criminality.

Content and teaching methods

The following chapters will be developed :

- 1/ Neurobiological development and "hominisation" process.
- 2/ Consequences of chromosomal abnormalities and the weight of heredity on human behaviors and delinquency.
- 3/ Role of brain structures and hormonal secretions on the regulation of the human being behaviors.
- 4/ Neurobiology of aggressive behaviors.
- 5/ Neurobiology of addictive behaviors (neurotransmission, drugs of abuse,...).
- 6/ Neurophysiological consequences of brain insults.
- 7/ Drugs used as treatment in sexual aggression.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisite : Elementary Biology.
 Oral Exam
 References Books.

Other credits in programs

CRIM21	Première licence en criminologie	(3 credits)	Mandatory
CRIM21MS	Première année du master en criminologie, à finalité spécialisée	(3 credits)	Mandatory
CRIM22	Deuxième licence en criminologie	(3 credits)	
CRIM22MS	Deuxième année du master en criminologie, à finalité spécialisée	(3 credits)	Mandatory