

## Faculty of Psychology and Education Sciences



### PSP1201 Psychophysiology

[30h] 2 credits

This course is taught in the 1st semester

**Teacher(s):** Marc Crommelinck  
**Language:** French  
**Level:** First cycle

#### Aims

Continuation of the course of Neurophysiology (BA1 ??).

Study of the nervous mechanisms of behaviour in its more integrative aspects. It will be shown by which mechanisms the sensori-motor functions are integrated in a dynamics including complex processes such as attention, learning and memory, motivation and emotions, cognitive treatments.

#### Main themes

- Nervous mechanisms of vigilance (arousal, sleep, attention)
- Mechanisms of plasticity and learning, interaction of the genetic and epigenetic variables
- Psychophysiological aspects of memory
- Regulations and nervous mechanisms of the motivations
- Nervous control of the emotional life
- Cognitive aspects, language and lateralisation
- Neurobiology of consciousness

#### Content and teaching methods

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#### Other credits in programs

<b>PSP12BA</b>	Deuxième année de bachelier en sciences psychologiques et de l'éducation (2 credits)	Mandatory
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