

## Faculty of Psychology and Education Sciences



### LOGO2212 Audiologie

[22.5h] 3 credits

This course is not taught in 2006-2007

Language: French

Level: Second cycle

#### Aims

This course should give the students an overview of the various methods of investigation and exploration of the hearing function : subjective and objective audiometry (electrophysiology of the hearing function)

#### Main themes

- 1) Recall (4H) : Anatomophysiology of hearing - Units of measure dB SPL - HL - SL - HB - octave etc
- 2) Pure-tone audiometry (6H)
  - modes - aerial, bony - ipsi-corticolateral masking - normal and pathological data (frequent) - supralinear tests
- 3) Speech audiometry (4H)
  - Basis - special tests - normal and pathological data
- 4) Acoumetry (1H)
- 5) Acoustic impedance (5H)
  - Theoretical recall - normal data - pathological data - measure devices - tympanogram - stapedial reflex - clinical applications (2H)
- 7) Electrocochleography : - normal results - clinical applications

#### Content and teaching methods

##### Audiology

The course will give the students an overview of the methods of investigation of the hearing function : pure-tone liminar and supra-liminar audiometry, speech audiometry, objective audiometry.

##### Exercices in audiology :

The students will learn the methodology of the examination of the hearing function, as well in the pure-tone, supraliminar and speech audiometry as in objective audiometry. Electrophysiology is tackled in another course.

Discussion of clinical cases

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

Anatomy and physiology of the hearing system. The course of Audiology must be given before the course of Hearing deficiency

Lectures with presentation of cases related with the reeducation methods presented. Case studies on videos.

#### Other credits in programs

<b>LOGO21</b>	Première licence en logopédie (programme commun UCL/ULB)	(3 credits)	Mandatory
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