

Faculty of Medicine


KINE2185 Physiological and therapeutic aspects of sports for the handicaped

[22.5h+7.5h exercises] 4.5 credits

Teacher(s): Bénédicte Schepens, Daniel Theisen (coord.)
Language: French
Level: Second cycle

Aims

The course aims at sensitizing the student with the physiological and therapeutic implications of the practice of a physical or sporting activity by the people presenting of deficiencies (chronic diseases or deficiencies sensorimotor, physiological...) for a use of the physical or sporting activity from the point of view of readjustment and D-drive at the effort.

Main themes

Theoretical complement, application and discussion concerning the approach of the aquatic environment with a therapeutic aim of leisures and/or competition with specific people of groups or different handicaps.

Content and teaching methods

Study of physiological and/or biomechanical specificities following a chronic disease or a deficiency. Study of the implications of these specificities on the practice of a physical or sporting activity: immediate recommendations and counter-indications, effects of the practice, effects of the longer-term drive, performance evaluation, recommendations for the programming of physical or sporting activities. Seminars and work practise on the physiological and biomechanical evaluation people having specific needs, in particular people with reduced mobility.

Other credits in programs

IEPR3DS/TM	Diplôme d'études spécialisées en sciences de la motricité (Thérapie manuelle)	(4.5 credits)	Mandatory
KINE21	Première licence en kinésithérapie et réadaptation	(4.5 credits)	
KINE21/PS	Première licence en kinésithérapie et réadaptation	(4.5 credits)	