



Università degli Studi di Verona
Corso di Laurea Magistrale in Scienze Motorie Preventive e Adattate
A.A. 2016-2017

Course
***Adapted Motor Learning (at
choice)***

Lecturer
Mirta Fiorio

Objectives

The course starts illustrating the neurobiological bases of learning and the motor circuits subtending the execution of goal-directed actions. Then, a number of cases of diseases affecting the motor domain will be presented. Finally, we will discuss recent studies that helped to define new strategies to facilitate learning and motor recovery. The ultimate goal is to let students to achieve a critical point of view that can encourage further investigations and new ideas.

Program

The course will be organized into 4 themes:

- 1 Learning: definition, how it works, the neurobiological mechanisms, investigation methods.*
- 2 Motor: how to learn and consolidate simple and complex movements.*
- 3 Adapted: special situations where you need to relearn gestures.*
- 4 Recent findings and future perspectives.*

Examination

Interview

Suggested Textbooks

- Ad-hoc handouts will be provided and it is strongly recommended to take notes!*
- NICOLETTI R., BORGHI A.M. Il controllo motorio. Ed. Il Mulino.*