UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Neuromechanics Of Human Movement

2627-122R-16

Title

Neuromechanics of human movement

Teacher(s)

Prof. Cristiano Alessandro

Language

English

Short description

Students will familiarize with the basic concepts of neuromechanics, understanding how the execution of voluntary movements results from the complex interplay between neural processes and biomechanical properties of the musculoskeletal system. This integrative approach to study the control of movement will be analyzed during the course through both frontal lessons and interactive discussions on relevant scientific papers.

CFU / Hours

1 CFU / 8 hours

Teaching period

June 10 2027, 11am-13pm (time to be confirmed)
June 17 2027, 11am-13pm (time to be confirmed)
June 24 2027, 11am-13pm (time to be confirmed)
July 01 2027, 11am-13pm (time to be confirmed)

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING