

Teaching guide

IDENTIFICATION DETAILS

Degree:	Physical Activity and Sports Sciences		
Field of Knowledge:	Health Science		
Faculty/School:	Health Sciences		
Course:	FUNCTIONAL EVALUATION OF THE MUSCULOSKELETAL SYSTEM		
Type:	Optional	ECTS credits:	6
Year:	4	Code:	7556
Teaching period:	Seventh semester		
Area:	Physiology of Exercise		
Module:	Scientific Foundations of Human Motor Skills		
Teaching type:	Classroom-based		
Language:	Spanish		
Total number of student study hours:	150		

SUBJECT DESCRIPTION

Specific methods of work in Physiotherapy are introduced to help students develop a capacity for diagnosis and to establish different formulas of treatment in different pathologies related to the Musculoskeletal System. In order to be able to make this future diagnosis, students should learn, develop and master the various different techniques and exploratory tests so that they can perform a good and effective musculoskeletal examination and propose the most appropriate treatment.

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

General Skills

To be familiar with and understand the matter of study of physical activity and sports sciences.

To develop skills for leadership, interpersonal relations and teamwork.

To develop analytical, synthetic, reflective, critical, theoretical and practical thought.

To reflect on professional practice, developing initiative and entrepreneurship, innovation and research in order to improve one's professional endeavour.

Specific skills

To apply physiological, biomechanical, behavioural and social principles during the supervision of sports activities based on the principles of training.

To be familiar with the musculoskeletal system and its functionality in human movement.

To understand the scientific and professional aspects concerning the concept, evolution and foundations of physiotherapy.

To understand the general theory of operation, disability and health and their international classification, as well as intervention models in physiotherapy and healthcare practice.

To be familiar with the theoretical foundations and the development of physiotherapeutic methods and procedures.

To understand the manual and instrumental assessment methods and procedures in physiotherapy and physical rehabilitation, and to be familiar with the scientific evaluation of their usefulness and effectiveness.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
60 hours	90 hours