

Physiotherapy

Specific competences

SC1.1 - Understand the principles and theories of physical therapies and their applications in physiotherapy.

SC1.2 - Understand the principles of biomechanics and electrophysiology and their main applications in the field of physiotherapy.

SC1.3 - Identify the psychological and social factors that influence the state of health or illness of individuals, families and communities.

SC1.4 - Understand and develop communication theory and interpersonal skills.

SC1.5 - Understand the learning theories to be applied in health education and in the lifelong learning process itself.

SC1.6 - Understand the psychological aspects of the physiotherapist-patient relationship.

SC1.7 - Identify the factors involved in teamwork and leadership situations.

SC1.8 - Identify anatomical structures as a basis of knowledge to establish dynamic relationships with the functional organisation.

SC1.9 - Understand the physiological and structural changes that occur following the application of physiotherapy.

SC1.10. Identify life-threatening situations and know how to perform basic and advanced life support manoeuvres.

SC1.11 - Understand the physiopathology of diseases, identifying the manifestations that appear throughout the process, as well as the medical-surgical treatments, mainly in their physiotherapeutic and orthopaedic aspects.

SC1.12 - Encourage the participation of users and their families in the recovery process.

SC1.15. Understand and identify the psychological and physical problems derived from gender-based violence to enable students to prevent, early detect, assist and provide rehabilitation and care for the victims of this form of violence.

SC1.14 - Understand the principles of the scientific method and bio-health research, critically assessing and knowing how to use technologies and sources of information to obtain, organise, interpret and communicate clinical, scientific and health information.

SC1.15 - Be able to design and carry out simple statistical studies using computer programmes and to interpret results. Understand and interpret statistical data in the literature.

SC2.16 - Identify the scientific and professional aspects of the concept, evolution and foundations of physiotherapy.

SC2.17 - Understand the general theory of functioning, disability and health and its international classification, as well as the intervention models in physiotherapy and its care practice.

SC2.18 - Know and apply the theoretical bases and the development of physiotherapeutic methods and procedures.

SC2.19 - Be able to assess the functional state of patients/users from a physiotherapy perspective, considering their physical, psychological and social aspects.

SC2.20 - Understand and apply manual and instrumental assessment methods and procedures in Physiotherapy and Physical Rehabilitation, as well as the scientific evaluation of their usefulness and effectiveness.

SC2.21 - Understand, design and apply the different types of treatment and general procedures of intervention in Physiotherapy: Massage therapy, Electrotherapy, Magnetotherapy, Hydrotherapy, Balneotherapy, Climatotherapy, Thalassotherapy, Thermotherapy, Cryotherapy, Vibrotherapy, Phototherapy, Pressure therapy, therapies derived from other physical agents, as well as fundamental aspects of Ergotherapy and other therapies related to the sphere of physiotherapy.

SC2.22 - Identify the most appropriate physiotherapeutic treatment in the various processes of health alteration, prevention and promotion, as well as in the growth and development processes.

SC2.23 - Identify the patient/user's situation through a physiotherapy care diagnosis, planning interventions and evaluating their effectiveness in a cooperative work environment with other health science professionals.

SC2.24 - Understand and apply good clinical practice guidelines.

SC2.25 - Understand and perform the specific methods and techniques related to the locomotor system, neurological processes, respiratory system, cardio-circulatory system and static and dynamic alterations. Specific methods and techniques that take into account the implications of orthopaedics in physiotherapy, reflex therapy techniques, as well as other alternative and/or complementary methods and techniques, whose safety and efficacy are proven according to the current state of scientific development.

SC2.26 - Understand ergonomic and anthropometric principles.

SC2.27 - Analyse, programme and apply movement as a therapeutic measure, promoting the patient/user's participation in the process.

SC2.28 - Understand the fundamental concepts of health and physiotherapists' role in the health system.

SC2.29 - Promote healthy lifestyles through health education.

SC2.30 - Understand health-related factors and issues related to physiotherapy in primary, specialised and occupational health care settings.

SC2.31 - Understand the Spanish Health System and the aspects related to health services management, especially those involving physiotherapy.

SC2.32 - Understand and analyse the management processes of a physiotherapy service or unit.

SC2.33 - Know and apply quality mechanisms in physiotherapy practice, in accordance with recognised and approved quality criteria, indicators and standards for appropriate professional practice.

SC2.34 - Understand the ethical and legal bases of the profession in a changing social context.

SC2.35 - Understand the professional codes of ethics and conduct SC3.36 - Pre-professional internships, consisting of independent clinical rotations and a final competence assessment in Health Centres, Hospitals and other care centres. This will enable students to put into practice all the knowledge, skills and attitudes and values acquired across all subjects; students will also develop all professional skills and competences, which will enable them to provide effective physiotherapy care.

SC3.37 - Present and defend an undergraduate final year project before a university examining board, where they will be required to integrate the knowledge and skills acquired throughout the degree programme.