

## BSc in Physiotherapy

**INTEGRADED COURSE TITLE:** Information Technology/Seminar Activities

**NUMBER OF ECTS CREDITS:** 2

**SSD:** MED/48 - MED/45

**MODULE CONVENOR:** Iliaria Erba  
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Visiting Professor programma Erasmus

### **PREREQUISITES**

No pre-requisites are required.

### **LEARNING OBJECTIVES**

Prof. Amadio

General Objective: student must know the international landscape of rehabilitation and disability, as well as for international and national regulation for informed consent, professional responsibility, and clinical record.

Specific objectives:

- International guidelines on rehabilitation and WHO framework, UNCRPD;
- Informed consent: differences between HICs and LMICs, differences of informed consent and particular cases;
- Clinical record: read and draw up sections for professional uses

Prof.ssa Erba

General Objective: The student should know the vital parameters (Blood Pressure: BP, Heart Rate: HR, Respiratory Rate: RF, Body Temperature: TC, Pain, Saturation: SpO2), their characteristics, the way they are measured and should know how to evaluate and manage them in clinical practice.

### **LEARNING OUTCOMES**

Prof. Amadio

At the end of the course the student is required:

- to know international guidelines of rehabilitation
- to know principles of UNCRPD
- understand base principle of informed consent, its values and principles
- to understand information about patient and care from clinical record
- to understand differences between rehab programme and project

Prof.ssa Erba

At the end of this teaching the student will need to:

- Know the vital parameters (BP; HR; FR; CT; Pain; SpO2)
- Know how to monitor vital parameters (PA; HR; FR; CT; Pain; SpO2)
- Know how to detect vital parameters (BP; HR; FR; CT; Pain; SpO2) and understand their characteristics
- Know how to identify abnormal vital parameters



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## **COURSE SYLLABUS**

### **Syllabus Prof. Amadio**

The WHO Rehabilitation Guidelines: Disability Action Plan 2014-2021, the Rehabilitation 2030 a call for action; Rehabilitation in Health Systems;

The UN Convention on the Rights of Persons with Disabilities;

Informed Consent: general rules, the WHO framework, the point of view of patients and the European Disability Forum, special cases;

The Gelli Bianco Law: professional responsibility and working according to guidelines;

The Medical Record: general data, family history, pathological history, the rehabilitation record, rehabilitation project and programme;

### **Syllabus Prof.ssa Erba**

Vital parameters: definition and characteristics of BP; HR; FR; CT; Pain; SpO<sub>2</sub>.

Methods of detection of vital parameters.

Monitoring, evaluation and identification of vital parameter abnormalities.

Modalities of recording vital parameters.

## **COURSE STRUCTURE**

The teaching is organized into 20 hours of lectures and practical classroom exercises.

## **COURSE GRADE DETERMINATION**

The students' preparation will be verified through an oral exam (theoretical-practical) on the topics covered by Prof. Erba and Prof. Amadio.

## **READING MATERIALS**

Slides and background material

World Health Organization, 2017. Rehabilitation in health systems. World Health Organization.

World Health Organization, 2015. WHO Global Disability Action Plan 2014-2021: Better health for all people with disabilities. World Health Organization.