

## Course Description

**Pathology:** 12032115  
3 CH

### **Course Description**

This course contains introduction to general and basic knowledge of diseases, their causes, pathogenesis, general morphological and changes at gross, microscopic and submicroscopic levels as well as the prognosis of the disease.

**Psychology for Rehabilitation students:** 12012216  
2 CH

### **Course Description**

This course presents an introduction to psychology and deals with mental and psychological diseases with a focus on the impact of injuries and disabilities on the psychological and social situation of patients and the role of the natural therapist in improving the mental state of the injured.

**Medical Rehabilitation Ethics** 12041218  
1 CH

### **Course Description**

This course is offered to physiotherapists with a focus on the role of the physiotherapist in providing the best and highest service to the patient, the patient's family and the community.

**General Medical Physics** 11021205  
3 CH

### **Course Description**

This course will familiarize the students with the basic concepts and principles of mechanics (the motion of the objects, laws of motion, work and energy), elasticity, and fluid dynamics. Describing the elasticity and general information about fluid dynamics, heat and temperature, waver (sound, electromagnetic).

**General Biology** 11011281  
3 CH

### **Course Description**

Cell structure, cytology, cytology, cytology, cytology, cytology, cytology, cytology, molecular genetics, genetic code, multiplication and reproduction of genetic material, building proteins, inheritance of bacteria and viruses Living.

## **General Life Science Practical 11011282**

**1 CH**

### **Course Description**

The material includes the study of cell structures, chemical components of the living cell and cellular activities (reproductive methods, enzymatic activities, physical properties, respiration and photosynthesis). The study also included the study of plant and animal tissues, the diversity of living organisms, and genetics.

## **Human anatomy: 12021211**

**3 CH**

### **Course Description**

This course provides an theoretical introduction to general anatomy of the human body including anatomy of the skin, musculoskeletal system, nervous system, endocrine system, circulatory system, lymphatic system, respiratory system and urinary system.

## **Human anatomy Practical: 12021212**

**1 CH**

### **Course Description**

This course provides practical anatomy of the human body including anatomy of the skin, musculoskeletal system, nervous system, endocrine system, circulatory system, lymphatic system, respiratory system and urinary system.

## **General Chemistry 11011107**

**3 CH**

### **Course Description**

Chemical interactions, chemical calculations, gaseous states, thermal chemistry, electronic and periodic structure, chemical bonds, particle shapes, material states and the power of attraction between molecules, physical properties of solutions, principles of equilibrium.

## **General Chemistry practical 11011108**

**1 CH**

### **Course Description**

The course aims at providing students with knowledge of basic laboratory techniques, determining the physical and chemical properties of the material, and how to determine the experimental formula between compounds.

**Physiology:**  
**3 CH**

**12042221**

**Course Description**

This course deals with the functions of the various body systems with some clinical applications related to the physiotherapy specialization, including study of the respiratory system, circulatory system, circulatory system, urinary system, gastrointestinal system, endocrine system, muscles and nervous system. Where natural functions.