

<b>Course Title:</b>	<b>Central Nervous System, Special Senses and Behavior</b>
<b>Course Code:</b>	<b>CNS413</b>
<b>Program:</b>	<b>Bachelor of Medicine and Bachelor of Surgery (MBBS)</b>
<b>Department:</b>	<b>Basic Medical Science</b>
<b>College:</b>	<b>College of Medicine</b>
<b>Institution:</b>	<b>AlMaarefa University</b>

## Course Identification

<b>1. Credit hours:</b>	<b>8</b>							
<b>2. Course type</b>								
a.	University	<input checked="" type="checkbox"/>	College	<input type="checkbox"/>	Department	<input type="checkbox"/>	Others	<input type="checkbox"/>
b.		Required	<input checked="" type="checkbox"/>	Elective	<input type="checkbox"/>			
<b>3. Level/year at which this course is offered: Year 4- level 7</b>								
<b>4. Pre-requisites for this course (if any): ANA214 – PHSL215 – PATH216 BLOCKS</b>								
<b>5. Co-requisites for this course (if any): None</b>								

## Course Objectives

### 1. Course Description

The course introduces students to the concepts, philosophy, and objectives of the medical school. The principles and practice of Problem-Based Learning (PBL), problem solving, self-directed learning, and process of learning, as well as an introduction to the basic sciences and their relationship to and integration into clinical sciences will be introduced. In addition, students will be introduced to professional skills and community health activities. Teaching good medical practice, and inculcating the values and behavior expected by society, and sensitivity to religion and culture are needed.

## 2.Course Main Objective

This course is designed

- To introduce the structure and function of the nervous system.
- To provide an understanding of the anatomy of the nervous system.
- Describe the histological characteristics of various parts of nervous system.
- To know the function of different parts & regions of nervous system and to understand the coordination of different parts of nervous system to maintain the homeostasis.
- Describe the various biochemical processes going on in the nervous system for controlling the sensory motor activities.
- To describe the pathological changes occurring in nervous system in various clinical conditions and the microorganisms involved in causing the diseases of it
- To understand the pharmacological actions of the drugs used in treatment of nervous system disorders.