

<b>Course Title:</b>	<b>Medical Genetics</b>
<b>Course Code:</b>	<b>MGEN410</b>
<b>Program:</b>	<b>Bachelor of Medicine and Bachelor of Surgery (MBBS)</b>
<b>Department:</b>	<b>Basic Medical Sciences</b>
<b>College:</b>	<b>College of Medicine</b>
<b>Institution:</b>	<b>AlMaarefa University</b>

## Course Identification

<b>1. Credit hours: 2 hours</b>								
<b>2. Course type</b>								
a.	University	<input type="checkbox"/>	College	<input checked="" 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): 70 hours</b>								
<b>5. Co-requisites for this course (if any): None</b>								

## Course Objectives

<b>1. Course Description</b> MGEN 410 course is a sixteen weeks (Week 1-16) course on the human medical genetic system. The course imparts an understanding of the concepts of various fields of Medical Genetics with special focus on clinical applications and Molecular Biotechnology. This course deals with Genetic basis for the common genetic diseases in the human body system.
<b>2. Course Main Objective</b> <i>By the end of this block, students should be able to:</i> <ul style="list-style-type: none"> <li>This course is aiming at giving the medical students a comprehensive understanding of the concepts of the various fields and applications of Medical Genetics with special focus on clinical applications and advanced Molecular Technology.</li> <li>At the same time, the course is integrated with other medical courses taught in the Medical Program.</li> </ul>