

<b>Course Title:</b>	<b>Principles Of Pathology, Microbiology and Community Medicine</b>
<b>Course Code:</b>	<b>PATH216</b>
<b>Program:</b>	<b>Bachelor of Medicine and Bachelor of Surgery (M.B.B.S)</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>4 (2 + 2 + 0)</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:</b>		<b>Year 2 – Level 3</b>	
<b>4. Pre-requisites for this course (if any):</b> ENG104 , BIOL101, CHEM101, PHYS101			
<b>5. Co-requisites for this course (if any):</b> None			

### Course Objectives

<b>1. Course Description</b> <p>This course, together with PHSL 215 and ANAT214, lays the foundation for subsequent courses along the road of undergraduate Medical Education. This course introduces the medical student to the basic principles of pathology, microbiology and community medicine.</p>
<b>2. Course Main Objective By the end of this course, students are expected to:</b> <ul style="list-style-type: none"> <li>Identify ecological perspectives in understanding human - environment relationship - Health consequences of exposure to a variety of potential hazards (physical, chemical and biological) in the environment.</li> <li>Identify the impact of environment on illness and its impact on the family and the community.</li> <li>This course will identify the general principles of microbiology and the importance of microbiology science in human life.</li> <li>Infectious bacteria, fungi, viruses, and parasites will be classified depending on microscopic and cultural characteristics, biochemical tests, serologic reactions, and biotyping reactions.</li> <li>Pathogenesis and clinical picture of some infectious microbes will be explained briefly.</li> <li>By the end of this course, students are expected to identify and know the basics about: inflammation, repair, cell injury, most common circulatory disturbances and neoplasia.</li> </ul>

