

320 Mbio: Microbial diagnosis	2(1+0+2) credit-hours
<p><b>Course Description</b></p> <p>Modern techniques in collecting samples and methods of transporting and preserving them. Various media that used for microbial identification and isolation. Microbial diagnosis by physical and biochemical methods. Methods for extracting nucleic acids from medical samples. Molecular and serological methods for microbial disease diagnosis.</p>	
<p><b>Course Main Objective</b></p> <ul style="list-style-type: none"> <li>• The student should be able to recognize sample collecting methods, transport and preserve them.</li> <li>• The student should be able to list various media used for microbial identification and isolation.</li> <li>• The student should be able to identify physical and biochemical methods for Microbial diagnosis.</li> <li>• The student should be able to explain methods for extracting nucleic acids from the medical sample.</li> <li>• The student should be able to illustrate molecular and serological methods for microbial disease diagnosis.</li> </ul>	