

331 Mbio: Microbial Physiology	3(2+0+2) credit-hours
<p>Course Description</p> <p>Energy: its importance, its compounds and sources stating the physical and chemical nature of the phenomena. The carbon sources and the spectrum of bacterial utilization of natural carbon sources maintaining the recycling of compounds in and out the biological system. The formation of the primary units for construction of the cell and its relation to nutrition and growth. The primary metabolism and secondary metabolism to explain growth, industrial and the pathogenic nature of microbes.</p>	
<p>Course Main Objective</p> <ol style="list-style-type: none"> 1. To learn Microbial Nutrition 2. To recognize of bacterial groups 3. To Tapes and classification of Microorganisms 4. To learn the role of enzymes in bacterial metabolism 5. To recognize the Cycle of microbe's growth 6. To learn of Effect environmental factors on microbial growth 7. Application and the role of the Microorganisms 8. 	