



### **Microbiology**

Microbiology course aims to give students the basic knowledge on how microorganisms grow and function. Without these microscopic organisms the Earth's atmosphere would not have attained today's oxygen levels, cars would not burn gasoline, we would not know many of today's medicines, bread, wine, yogurt, or vaccines. Upon successful completion of the course, students will be able to know and understand the diversity of microorganisms, the structure and function of bacterial cells, their growth and metabolism as well as the basic applications of Microbiology in everyday life. Additionally, they will be able to use the laboratory infrastructure to perform basic microbiological techniques.