

School Name: School of Health Sciences
Course Title: Microbiology
Semester: III

Program Name: BCVT
Course Code: BHCT-302

- Discuss the nutritional requirements and physical factors affecting bacterial growth.

- What is the basic structure of a bacterial cell?
- Give a broad classification of viruses.
- What are the general properties of fungi?
- Define the term disinfection.
- List some commonly used anti parasitic agents.
- Explain the morphological basis of bacterial classification.
- Describe the stages of the bacterial growth curve.
- What is the role of immunity in viral diseases?
- Discuss the principles and types of disinfection.
- Explain the pathogenesis and pathology of parasitic infections.
 - Explain the various staining reactions used for bacteria.
- Describe the general properties, structure, and classification of parasites.
- Discuss the nutritional requirements and physical factors affecting bacterial growth.
- Define gram staining.
- What is a bacterial growth curve?
- List some commonly used antiviral agents.
- What is pasteurization?
- Describe acid-fast staining.
- Describe the process of gram staining.
- Discuss the process of pasteurization.
- Explain the methods of sterilization.
- Elaborate the significance of prophylaxis in parasitic infections.
- Write the stages of the bacterial growth curve.
- Describe in detail about the cell structure of bacteria.
- Explain the principles, types, and methods of sterilization and disinfection.