

# MIC 354 : Advanced Microbiology

This course will introduce students to key concepts and principles of infection control in relation to pharmaceutical practice. The various approaches to control of growth of microbial agents and the types of microbial control agents utilized in healthcare and industrial settings will be addressed. In this course students learn about the indications, approaches, equipment and agents utilized for cleaning, sterilization and disinfection processes in the healthcare setting as well as in industrial pharmaceutical settings. They will begin to understand the criteria for selecting and monitoring the usefulness of the agents, equipment and monitoring approaches used for sterilization & disinfection. The course will also address approaches to infection control practices in the community with special emphasis on community pharmaceutical practices.

**Credits** 2

**Prerequisite Courses**

MIC 243

**Corequisites**

None