



1. Program Aims (Brief description of the overall purpose of the program)

The Microbiology program aims to:

1. Prepare scientifically and professionally qualified graduates in microbiology who are capable of keeping pace with recent scientific and technological developments.
2. Equip students with fundamental and advanced knowledge in microbiology, biotechnology and related biological sciences.
3. Develop students' laboratories, research and analytical skills using modern scientific techniques and equipment.
4. Enhance students' generic skills including scientific communication, information technology, and data analysis.
5. Prepare graduates for employment in medical, industrial, pharmaceutical, and research sectors, and enable them to compete in the local and regional labor market.
6. Promote students' awareness of ethical, professional, environmental and societal issues related to microbiology and its applications.
7. Qualify graduates for postgraduate studies and active participation in scientific research and community development.
8. Provide a supportive and stimulating learning environment that enhances critical thinking, self-learning, teamwork, and lifelong learning skills.