

Course Information

School : School of Medicine

Department : Microbiology

Curriculum : Browse

Major : Bacteriology

Level : Ph.D. of Medical Bacteriology

Course Description : Ph.D. course of Medical Bacteriology is one of the Majors of medical science which should be passed by master graduates of sciences in medical microbiology. This field should be considered as a Ph.D. level after Master's degree in Medical Microbiology. Graduates of this major will be able to perform required activities such as conducting research, training students and performing relevant services in order to diagnose infections caused by microbes.

Course Objectives : Ph.D. graduates of medical bacteriology are expected to reach the following abilities:

- As instructors the graduates should be able to perform theoretical and practical training in the field of medical microbiology in accordance with the latest international knowledge in all levels
- Working as a qualified and skillful researcher in universities and research institutes
- Being qualified as technical supervisors in microbiology section of medical diagnosis laboratories in order to diagnose pathogenic microorganisms based on latest international standards
- Working as scientific advisors in the field of medical microbiology in scientific communities of colleges, universities, institutes, etc.

-Gaining the ability to evaluate, investigate and analyze relevant scientific papers

Method of Instruction :

- Performing theoretical and practical training courses in order to gain relevant and required abilities and skills
- Doing continuous and steady student evaluation in training period of courses via log book information, studying and reviewing to ensure the continuous improvement of skills and knowledge
- Holding conferences, journal clubs and morning reports
- Doing continuous and steady student evaluation in research period of courses through log book information study and holding thesis progress review meetings to ensure the continuous improvement of skills and knowledge
- Student Cooperation as an Associate Instructor and Trainer in Theoretical Training Courses and Practical Training and Workshops in Order to Improve Their Skills, Abilities and Performance

Course Location(s) :

- Library of Microbiology Department -
- Microbiology laboratory
- Classrooms of Microbiology Department

Course Instructor(s) :

Dr. Akabar Mirsalehian
Dr. Mehdi FeizAbadi
Dr. Mohammad Emameini
Dr. Abbas Bahador
Dr. Fereshteh Jabalameli
Dr. Farhad Bonakdarhashemi

Course Instructor(s) CV : Browse

Possible Attendees :

Those who hold the following degrees are allowed to apply for the course:
- PhD of Medicine

- PhD of Pharmacy
- PhD of Dentistry
- PhD of Veterinary Medicine
- PhD of Laboratory Science
- M.Sc. of Medical Microbiology
- M.Sc. of Pathobiology
- M.Sc. of Bacteriology
- M.Sc. of Cellular and Molecular Biology
- M.Sc. of Medical Mycology
- M.Sc. of Medical Parasitology
- M.Sc. of Medical Virology

Course Duration :

4 years