

Physiology (msc)

Key Learning Outcomes

1. Having enough knowledge in basic medical physiology and basic medical sciences to support those physiology notions, as well as to evaluate and improve those knowledge.
2. An ability to apply knowledge of physiology
3. An ability to design and conduct experiments, as well as to analyze and interpret data
4. Design an original scientific research topic, apply the experimental methodology necessary to conduct research related to the hypothesis and present a written and oral scientific report by discussing the results of the study in detail.
5. An ability to function on multi-disciplinary teams
6. An ability to identify, evaluate, and solve physiologic problems
7. An understanding of professional and ethical responsibility
8. An ability to communicate effectively
9. The broad education necessary to understand the impact of physiologic solutions in a global, economic, environmental, and societal context
10. A recognition of the need for, and an ability to engage in life-long learning
11. A knowledge of contemporary issues
12. An ability to use the techniques, skills, and modern physiologic tools necessary for physiology practice
13. Designing scientific research in their field and, to conduct that research individually or with their team. To have enough knowledge in statistic, to use necessary software and to offer solutions to problems.
14. Applying the laboratory methods used in studies related to the field of physiology
15. Having the current literature knowledge about related field and continuously improves their professional knowledge and skills.