

## **Learning outcomes of the Department of Biomedical Engineering Msc (with Thesis) Degree Program**

In the design of the master program, subject related and social competences gained in Bachelor of Science degree program are deepened and modified. The master's program leads to the acquisition of advance analytical and methodological competences.

*Upon completion of the MSc. in Biomedical Engineering, students will demonstrate the ability to:*

- 1- Apply the rules of scientific research and ethics to produce innovative biomedical approaches.
- 2- Discuss complex biomedical engineering issues as well as own research results comprehensively and in the context of current international research and present these in writing and orally.
- 3- Solve problems by systems analytical thinking both in subject specific and interdisciplinary concepts.
- 4- Combine specialised knowledge of various component disciplines.
- 5- Producing innovative approaches to organise conduct and lead more high-tech medical devices.
- 6- To organize and manage health service units located in various institutions.