



**ESKİŞEHİR OSMANGAZİ UNIVERSITY**  
**GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES**

**NANOSCIENCE AND NANOTECHNOLOGY DEPARTMENT MSc PROGRAMME LEARNING OUTCOMES**

<b>LO1</b>	Extending the knowledge in mathematics, science, nanoscience and nanotechnology to the professional level, and understanding the interdisciplinary interactions among these subjects.
<b>LO2</b>	The synthesizing ability of the different information gathered from different disciplines in the framework of nanoscience and nanotechnology.
<b>LO3</b>	Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence.
<b>LO4</b>	Designing ability of the complex system, process, equipment or product under the realistic constraints and conditions by developing the novel strategic approaches.
<b>LO5</b>	Ability to develop, select and use modern methods and tools required for nanoscience and nanotechnology applications; ability to effective usage of information technologies.
<b>LO6</b>	Ability to determine, define, formulate and solve complex nanoscience and nanotechnology problems; for that purpose an ability to select and use convenient analytical and experimental methods.
<b>LO7</b>	Ability of criticizing and proposing alternatives in the professional subjects.
<b>LO8</b>	Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement.
<b>LO9</b>	Ability to communicate in written and oral forms in Turkish/English; proficiency in at least one foreign language.
<b>LO10</b>	Ability of effective usage of the information technologies