



ESKİŞEHİR OSMANGAZI UNIVERSITY
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES

NANOSCIENCE AND NANOTECHNOLOGY (English) DEPARTMENT MSc PROGRAMME LEARNING OUTCOMES

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| LO1 | Extending the knowledge in mathematics, science, nanoscience and nanotechnology to the professional level, and understanding the interdisciplinary interactions among these subjects.. |
| LO2 | The synthesizing ability of the different information gathered from different disciplines in the framework of nanoscience and nanotechnology. |
| LO3 | Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence. |
| LO4 | Designing ability of the complex system, process, equipment or product under the realistic constraints and conditions by developing the novel strategic approaches. |
| LO5 | Competence to make critical evaluations in the areas of expertise to be developed, to create policies and practices, to offer alternatives and to evaluate the results obtained within the framework of quality processes. |
| LO6 | Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement. |
| LO7 | The ability to use at least one foreign language adequately, ability to communicate and discuss at an advanced level in written, oral and visual at this foreign language |
| LO8 | Ability of effective usage of the information technologies |
| LO9 | Professional and ethical responsibility awareness |