



NEAR EAST
UNIVERSITY

**DEPARTMENT OF Materials Science
and Nanotechnology Engineering**

Program Outcomes

2021-2022

Key Learning Outcomes

The student who successfully completes the program should be able to

- Apply mathematics, science, and engineering knowledge to understand materials and nanotechnology engineering related events
- Develop an essential understanding of the characteristics of the materials, the related processing and implementations along with a fundamental knowledge on their role in society, with emphasis on the science and engineering principles of nanoscale materials.
- Have the ability to work with multi-disciplinary engineering sciences.
- Identify and solve problems using technical literature for research tasks and system design.
- Understand professional, ethical responsibilities and standards of engineering practice.
- Use engineering techniques, skills, and tools for practice and product development.