LEBANESE INTERNATIONAL UNIVERSITY

Major Title: Bachelor of Physics
Major Code: BPHYS
Level: underGraduate
Number Of Credits: 99
Date: 30-09-2026

Bachelor of Physics (BPHYS)

Program Objectives

Objective	Description
PO-1	Enable graduates to acquire a strong foundation in fundamental concepts and principles of physics.
PO-2	Facilitate graduates' development of competence in mathematical and computational methods used in physics.
PO-3	Support graduates in developing experimental skills and understanding through laboratory-based physics.
PO-4	Prepare graduates for careers in education and other physics-related fields, as well as for postgraduate studies, with an awareness of ethical responsibilities and cultural contexts.

Program Learning Outcomes

Outcome	Description
PLO-1	Apply fundamental laws and principles of physics to solve problems.
PLO-2	Explain fundamental physics principles and their connection to real-world phenomena.
PLO-3	Implement appropriate mathematical and computational tools to analyze physics problems.
PLO-4	Test the basic physics laws experimentally, and examine the results to validate theoretical predictions.
PLO-5	Integrate concepts from different areas of physics to study advanced physical systems and phenomena.
PLO-6	Communicate scientific information effectively through written reports and oral presentations, individually or collaboratively.
PLO-7	Apply knowledge and skills from general education and allied disciplines to support scientific learning and develop cultural awareness.
PLO-8	Apply ethical and professional principles in scientific and academic practice.