LEBANESE INTERNATIONAL UNIVERSITY

**Major Title:** Bachelor of Computer Science
**Major Code:** BCSCI
**Level:** underGraduate
**Number Of Credits:** 99
**Date:** 18-10-2026

# Bachelor of Computer Science (BCSCI)

## Program Objectives

| Objective | Description |
|---|---|
| **PO-1** | Assume leadership positions in computer science or in related fields in public and private sectors |
| **PO-2** | Pursue further studies and conduct research at graduate levels in computer and other related fields |
| **PO-3** | Identify, design, and implement appropriate software solutions to problems within the limits of professional ethics and responsible behavior |
| **PO-4** | Pursue professional development and apply technological changes in a range of relevant contexts. |

## Program Learning Outcomes

| Outcome | Description |
|---|---|
| **PLO-1** | describe and explain the essential facts, concepts, theories and mathematical methods relevant to computing, computing equipment, computer communication and informatics applications as appropriate to their program of study |
| **PLO-2** | select and use relevant analytic, modeling and simulation methods |
| **PLO-3** | choose appropriate solution patterns, algorithms and data structures |
| **PLO-4** | describe the software development process and apply relevant practical and programming skills to the creation of computer programs, and/or other informatics artifacts |
| **PLO-5** | explain the importance of information privacy and security issues in relation to the design, development, maintenance, monitoring and use of informatics-based systems |
| **PLO-6** | describe and explain management techniques appropriate to the design, implementation, testing, deployment and maintenance of informatics systems, including project management, configuration management, change management, etc., and including relevant automated techniques |
| **PLO-7** | communicate effectively both verbally and using a variety of communications media |
| **PLO-8** | plan self-learning and improve personal performance as a foundation for lifelong learning and ongoing professional development |
| **PLO-9** | participate effectively in informatics group work |