PhD IN COMPUTER AND TELECOMMUNICATIONS ENGINEERING

Campus Where The Program Is Offered: CST

OBJECTIVES

- Prepare candidates for an advanced, specialized academic level, enabling them to meet current and future challenges in the fields of computer and communications engineering.
- Develop skills that help candidates remain committed and succeed in high-quality research.
- Equip candidates with methods to effectively communicate research results both through publications and oral presentations.
- Train candidates to pursue academic, leadership or entrepreneurial positions in the fields of computer engineering and telecommunications.

PROGRAMME LEARNING OUTCOMES (COMPETENCIES)

1. Master the theoretical frameworks, conceptual foundations, and current trends in the field of study to position the work at the forefront of current knowledge.
2. Produce original scientific contributions, validated by peers, that significantly advance the field of research.
3. Apply advanced research methodologies including analytic, qualitative, quantitative, or mixed techniques to process data.
4. Communicate concepts and results effectively and critically to diverse audiences while employing appropriate teaching strategies to support learning.
5. Demonstrate scientific integrity by adhering to professional standards, including consideration of the social, cultural, and ethical impacts of research.

ADMISSION REQUIREMENTS

Candidates must:

- Hold the Lebanese Baccalaureate or its equivalent.
- Hold a Master's degree in engineering or its equivalent.
- Ensure consistency between their Master's and PhD disciplines.
- Have a minimum average of 12/20 or equivalent in the Master's degree.

PROGRAM REQUIREMENTS

- Validation of 180 ECTS credits (12 course credits and 168 credits for the preparation of a PhD dissertation).
- Maximum duration of 6 years for a full-time dissertation (8 years for part-time).
- Publication as first author in peer-reviewed indexed journals or conference proceedings of two scientific papers based on dissertation results.
- Participation in the PhD days.
- Write and submit a dissertation report.
- Positive assessment from two reviewers.
- Dissertation defense before a jury.