



USJ



Université Saint-Joseph de Beyrouth
Faculté d'ingénierie
École supérieure d'ingénieurs
de Beyrouth

New Program in English

COMPUTER AND COMMUNICATIONS ENGINEERING CCE

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Objectives

Form highly competent and technically sound engineers in the areas of software systems, communication systems, networks and security, embedded systems, artificial intelligence, and data science.

Job Opportunities

Graduates work for a range of companies in high-tech industries:

- Digital service companies
- Software development companies
- Telecommunication operators: service operators and network operators
- Network and enterprise communication system integrators
- Computer, electronics, and telecommunication manufacturers
- Technological startups
- Consulting firms and design offices
- Research and development centers
- Banking and insurance companies
- Home automation companies
- Robotics companies



Job Titles

Common job titles for computer and communications engineers are:

- Network, security and telecommunication architect
- Network, security and telecommunication integrator
- Software architect-developer
- Full stack mobile and web application architect-developer
- Communicating embedded system architect-developer
- Information and communication technology consultant
- Research and development engineer
- Network and system administrator
- Data scientist

Programs and specialties

The Computer and Communications Engineering program consists of five years (300 ECTS credits).

Two specialization options are offered:

- Software Engineering
- Telecommunication Networks