

# ELECTRICAL ENGINEERING

## BACHELOR'S DEGREE

ENGINEERING BASIC CURRICULUM PROGRAM: 22 SUBJECTS

### SPECIALIZATION PROGRAM: 12 SUBJECTS

|                       |                                |
|-----------------------|--------------------------------|
| Circuits Analysis     | Advanced Electromagnetism      |
| Computer Architecture | Artificial Intelligence        |
| Automatic Control     | Introduction to Communications |
| Energy Transformation | Digital Signal Processing      |
| Analog Design         | Signals and Systems            |
| Digital Design        | Analog Systems                 |

ADDITIONAL COMPULSORY PROGRAM: 2 SUBJECTS

ENGLISH PROGRAM: 6 SUBJECTS

GENERAL FORMATION PROGRAM: 6 SUBJECTS

## DEGREE

### SPECIALIZATION PROGRAM: 5 SUBJECTS

|                      |                           |
|----------------------|---------------------------|
| Modern Communication | Random Processes          |
| Optics               | Electrical Design Project |
| Electric Power       |                           |

### SPECIALIZATION ELECTIVE PROGRAM / DIPLOMA

|                       |                       |
|-----------------------|-----------------------|
| Electrical Elective 1 | Electrical Elective 3 |
| Electrical Elective 2 | Electrical Elective 4 |

MANAGEMENT PROGRAM: 3 SUBJECTS

ADDITIONAL COMPULSORY PROGRAM: 1 SUBJECT

ENGLISH PROGRAM: 3 SUBJECTS

GENERAL FORMATION PROGRAM: 2 SUBJECTS

DEGREE PROGRAM: 2 SUBJECTS

■ Core Curriculum

■ Specialization