



**LSBU**  
London South  
Bank University

**ASU**  
جامعة العلوم التطبيقية  
APPLIED SCIENCE UNIVERSITY

# BEng (Hons) Electrical and Electronic Engineering

## Programme Details

Final Qualification	Language of Study	Mode of Study
BEng (Hons)	English	Full Time

## Programme Structure

Study Period	Total Credit Hours	Number of Courses
4 Years	150 Credit Hours	32 Courses

## Brief about the Programme

This programme is intended for undergraduate students who wish to study the discipline of Electrical and Electronic Engineering to Honours degree level and who may wish to achieve professional status later. This programme is designed to embrace developments in the industry, in particular the Engineering Council UK (ECUK) Standard for Professional Engineering Competence (UK-SPEC). The curriculum emphasises the development of traditional engineering numerical strengths coupled with an enquiring creative approach as required by employers.

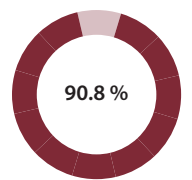
The programme leads to a dual award from Applied Science University (ASU Bahrain) and London South Bank University (LSBU-UK).

## Aims of the Programme

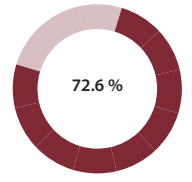
1. Equip graduates with a deep understanding of electrical and electronic engineering.
2. Develop graduate expertise in mathematics, circuit theory, digital and analogue systems, hybrid electronic systems, computer hardware and software, as well as the theory and applications of control systems.
3. Equip graduates with the ability to analyse electrical and electronic engineering components and systems using advanced simulation techniques, understand the advantages and disadvantages of different analytical approaches, and select the most appropriate solution.
4. Enhance practical design, testing, measurement skills, and proficiency with advanced software and hardware tools.
5. Graduates will acquire the ability to critically evaluate arguments, assumptions, abstract concepts, and data (even when incomplete), make judgements, and identify a range of effective solutions.

## General Statistics

Advisory Board Satisfaction Rate:



Student Satisfaction Rate:



The first university in the Kingdom of Bahrain to achieve global accreditation from the British Quality Assurance Agency for Higher Education (QAA)

Rated 5 Stars in the QS Rating System

Ranked 30th in the QS Arab Region University Rankings 2026

Ranked 613 in the QS World University Rankings 2026

Ranked 301+ Worldwide in the Times Higher Education University Impact Rankings

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Apply Now



Enquiry

## Career Paths

1. Electrical Engineer
2. Electronics Engineer
3. Power Systems Engineer
4. Telecommunications Engineer
5. Control Systems Engineer
6. Instrumentation Engineer
7. Renewable Energy Engineer
8. Embedded Systems Developer
9. Automation Engineer
10. Network Engineer

## Entry Requirements

### Foundation Level / Year 1

A Bahraini or GCC Secondary School (Scientific) Certificate with a minimum of 65% GPA\* and 60% in Mathematics and 60% in English language or equivalent. Candidates from the industrial track can also be admitted to BEng (Hons) Electrical and Electronic Engineering. Candidates with a lower GPA may also be admitted, subject to a satisfactory interview by the College.

IELTS Test Score of 4.5 or equivalent.

### Direct Entry to Level 4 Year 2

Foundation Year Completion Certificate, or equivalent international qualifications which may typically include:

Advanced Level (A-Level) – BBC or equivalent in UCAS points including Maths or Physical Science

International Baccalaureate- IB 30 points

CBSE minimum of 65% with 70% in English

IELTS Test Score of 6.0 or equivalent.



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