



LSBU
London South
Bank University



ASU
جامعة العلوم التطبيقية
APPLIED SCIENCE UNIVERSITY

BEng (Hons) Mechanical Engineering

Programme Details

Final Qualification

BEng (Hons)

Language of Study

English

Mode of Study

Full Time

Programme Structure

Study Period

4 Years

Total Credit Hours

150 Credit Hours

Number of Courses

32 Courses

Brief about the Programme

This programme is for students who wish to study Mechanical Engineering to Honours degree level and who wish to achieve professional status later. It 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. Mechanical engineering is a broad discipline offering many specialisms, and this degree provides a solid foundation for all of them. The programme leads to a dual award from Applied Science University (ASU Bahrain) and London South Bank University (LSBU-UK).



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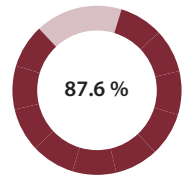
Enquiry

Aims of the Programme

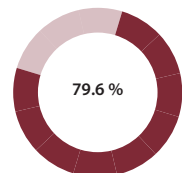
1. Graduates will have a systematic understanding of key topics such as Dynamics, Thermofluids, Solid Mechanics, and Manufacturing, supported by Mathematics, Electrical Engineering, and Computing.
2. Graduates will acquire analytical abilities and Competence in analysing components and systems.
3. Graduates will enhance their practical skills and proficiency in manufacturing, measurement, and instrumentation techniques.
4. Graduates will develop skills in self-awareness, reflection, independent judgment, and lifelong learning.
5. Graduates will master project management and demonstrate creativity in problem-solving, project execution, and innovation-driven design.

General Statistics

Advisory Board
Satisfaction Rate:



Student Satisfaction Rate:



Career Paths

1. Mechanical Engineer
2. Manufacturing Engineer
3. Automotive Engineer
4. Maintenance Engineer
5. HVAC Engineer
6. Robotics Engineer
7. Energy Systems Engineer
8. Quality Assurance Engineer
9. Industrial Engineer
10. Product Design 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) Mechanical 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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