

MECHANICAL ENGINEERING



BEng (HONS)

In a rapidly changing world, mechanical engineers are in demand more than ever before to design and build the new generation of engines, power plants, structures and vehicles that keep the world running.

OVERVIEW

- Available as BEng qualification.
- Professionally-accredited, designed engineering curriculum.
- Teaching is supported by well-equipped laboratories and workshops.
- Industrial visits provide insights into careers in professional engineering.

PROGRAMME STRUCTURE

Level 4

Engineering Mathematics 1a; Engineering Mathematics 1b; Applied Mechanics 1; Thermodynamics and Fluid Mechanics 1; Materials; Engineering Practice 1; Electrical and Electronic Engineering

Level 5

Engineering Mathematics 2; Materials and Processes; Applied Mechanics; Thermodynamics and Fluid Mechanics; Mechanical Engineering Design 2; Engineering Practice 2; Mechatronics

Placement Year

Placement year helps students prepare for the upcoming demand of the industry. It can help you explore potential career paths and provides a valuable work experience, whilst developing transferable skills for the future. Key features of the placement year.

- Enhances career prospects.
- Expands networking opportunities.
- Discover the real working world.
- Improve your academic performance.
- Develops skills and builds confidence.

Level 6 (core)

Engineering Project; Engineering Analysis; Mechanical Engineering Design 3; Industrial Management.

ELIGIBILITY

- Age 17+ by 30 November in the year of registration.
- A' Level 112 UCAS points with minimum grade C in Mathematics and one of the following subjects ((Physics, Chemistry, Computing, Further Maths, Engineering)

or

- BTEC Award (provided grade DMM or above is achieved) in an Engineering discipline with a distinction grade in the Further Mathematics unit.

or

- HSSC at 75% overall marks with 70% marks in Mathematics

or

- Any other relevant high school qualifications
- Provide proof of competence in English and Mathematics by having UK GCSE/GCE 'O' level at grade C. Otherwise a test of proficiency may be required.

“ Outstanding faculty, state-of-the-art campus, well-equipped laboratories and a variety of industry-demanding course offerings are the key elements that categorize the LJMU Department of Electronics as one the best-in-class schools in the region. ”

Baleegha Fatima Current Student

84%

OF STUDENTS SURVEYED SAID THEY WERE SATISFIED WITH THEIR OVERALL LJMU STUDENT EXPERIENCE

National Student Survey (NSS) 2018**