

# SOFTWARE ENGINEERING

**BSc (HONS)**



Software engineering is the art/technique of developing and maintaining software systems that are reliable, efficient, maintainable and affordable.

## OVERVIEW

- BSc (Hons) Software Engineering is a practical hands-on qualification, encouraged to boost employment prospects as it enhances proficiency in programming languages and equipping learners to apply it to a variety of problems.
- State-of-the-art computing facilities, including dedicated labs, available to students.
- Excellent career prospects.

## PROGRAMME STRUCTURE

### Level 4

Programming, Computer Systems, Professional Practice, Data Modelling, Software Engineering Principles, Software Engineering Workshop, Web Development

### Level 5

Database Systems, Object-Oriented Systems, Data Structures, Automate, Languages and Computation, Mobile and Web Development

### Level 6

User Experience Design, Virtualisation and Cloud Computing, Embedded Systems, Applied Data Science, Individual Project

## EXPLORE THE WORLD

Did you know that LJMU students have the opportunity to discover more about the world by studying, working or volunteering abroad? Whether you are looking to enhance your degree, improve your employability or want to have a life-changing experience, LJMU opens the pathways for you

## ELIGIBILITY

### A/AS Level

Applicants should have 112 UCAS tariff points including a minimum of 64 points from Maths and one of the following: Physics, Chemistry, Computing, Further Maths, Electronics or Engineering

### BTEC National Diploma

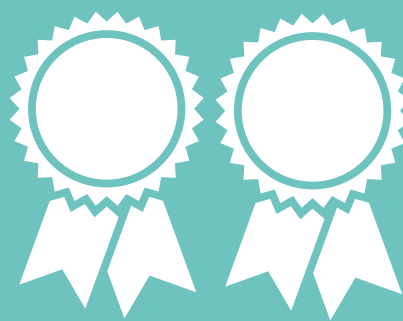
BTEC National Diploma BTEC Extended Diploma - DMM / Engineering discipline required with a Distinction grade in Further Mathematics unit.

### International Baccalaureate

Overall 26 points

## Local Qualifications

Entry to level 4 requires a 75% overall award mark mathematics passed at 70% or above in final year, passes in physics and chemistry.



**FIRST UNIVERSITY  
TO RECEIVE**

**TWO**

**COMMENDED  
JUDGEMENTS  
BY THE QAA\***

\*Quality Assurance Agency for Higher Education (QAA)

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