



THE
GUARDIAN
UK UNIVERSITY
RANKED



STUDY WORLD
Lanka Campus



Pearson



University
of Bolton

GREATER MANCHESTER



BEng (Hons)

MECHANICAL

Engineering

Why Should I Choose

STUDY WORLD LANKA CAMPUS



A state-of-the-art campus with exceptional higher education programs affiliated to Pearson and the University of Bolton that satisfy global standards.

At SWLC, Students have a wide range of undergraduate and postgraduate programmes to choose from the domains of Business, Engineering, Computing & Accountancy.

Study World Lanka Campus is a member of the Study World Group which has vast experience in delivering transnational education across India, UAE, Malta and Sri Lanka.



Why Should I Choose

UNIVERSITY OF BOLTON

A Public University in Greater Manchester, England.

Ranked among Top 40 in UK, out of 121 Universities listed in The Guardian University Guide 2023.

It has over 30,000 Local and International students.

It offers an exciting and challenging student experience with high levels of proactive student.

A teaching intensive, Research informed higher Education Institution whose distinctive high quality, student-focused, undergraduate, and postgraduate programme attract students from all over the world.



Be
Educated
and Feel
Empowered



BEng (Hons) Mechanical Engineering

Technically, Mechanical Engineering is the application of the principles and problem-solving techniques of engineering from design to manufacturing to the marketplace for any object. Mechanical engineers analyse their work using the principles of motion, energy, and force ensuring that designs function safely, efficiently, and reliably, all at a competitive cost.

Our experienced professionals and academics will support you throughout your degree and our programme allows you to get the most out of your lectures and seminars.

PROGRAMME DETAILS



DURATION
3 Years



AWARDING BODY
University of Bolton



AWARDING BODY
BTEC Pearson



CREDITS
360



MODULE DETAILS

First Year

Semester One
Semester Two

Module 1	Engineering Mathematics
Module 2	Electrical & Electronic Principles
Module 3	Mechanical Principles (Basics)
Module 4	Principles and Applications of Fluid Mechanics
Module 5	Thermodynamic Principles and Practice
Module 6	Computer Aided Design in Engineering
Module 7	Computer Programming
Module 8	English Language & Communication
Module 9	Engineering Design
Module 10	Engineering Maths
Module 11	Engineering Science
Module 12	Managing a Professional Engineering Project
Module 13	Mechanical Principles

Second Year

Semester Three
Semester Four

Module 14	Fundamentals of Thermodynamics and Heat Engines
Module 15	Mechatronics
Module 16	Automation, Robotics and Programmable Logic Controllers
Module 17	Research Project
Module 18	Professional Engineering Management
Module 19	Advance Mechanical principles
Module 20	Virtual Engineering
Module 21	Further Mathematics
Module 22	Sustainability
Module 23	Heating, Ventilation, Air Conditioning

Third Year

Semester Five
Semester Six

Module 24	Automobile & Mechanical Design
Module 25	Advanced Materials and Structures
Module 26	Management & Enterprise in Engineering
Module 27	Advanced Thermofluids & Control Systems
Module 28	Finite Element & Difference Solutions
Module 29	Major Project

ENTRY CRITERIA

- GCE A/L – 2 Simple Passes in Mathematics / Science / Technology stream.
- GCE A2 Level – 2 Simple Passes in Mathematics / Science / Technology stream.
- Any relevant qualification which can be approved by SWLC Academic Department.



CAREER OPTIONS

- Automotive Engineer
- Production Engineer
- Maintenance Engineer
- Control and Instrumentation Engineer
- Aerospace Engineer
- Robotics


SWLC STUDENTS' LIFE



FEES STRUCTURE

- SWLC Application & Registration Fee
 - Pearson & Bolton Registration Fee
 - SWLC Course Fee
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- Flexible Payment Options.
 - Fees payable for re-sit or additional examinations and repeat modules are not included in course fees.
 - For Fee details and discounts, Contact SWLC Admissions Department.

 STUDY WORLD LANKA CAMPUS
282/1, HIGH LEVEL RD, NUGEGODA, SRI LANKA.

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Framework

