



THE  
GUARDIAN  
UK UNIVERSITY  
RANKED



STUDY WORLD  
Lanka Campus



Pearson



# Bsc (Hons) COMPUTER SCIENCE

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



# BSc (Hons) Computer Science

BSc (Hons) Computer Science degree is a dynamic 3-year programme that equips students with essential knowledge and skills. Through cutting-edge courses, practical projects, and industry exposure, graduates become adept at programming, data analysis, and system design. Faculty experts and state of the art facilities ensure a transformative learning experience, empowering students for rewarding careers in the ever-evolving world of technology.

## PROGRAMME DETAILS



**DURATION**

3 Years



**AWARDING BODY**

University of Bolton



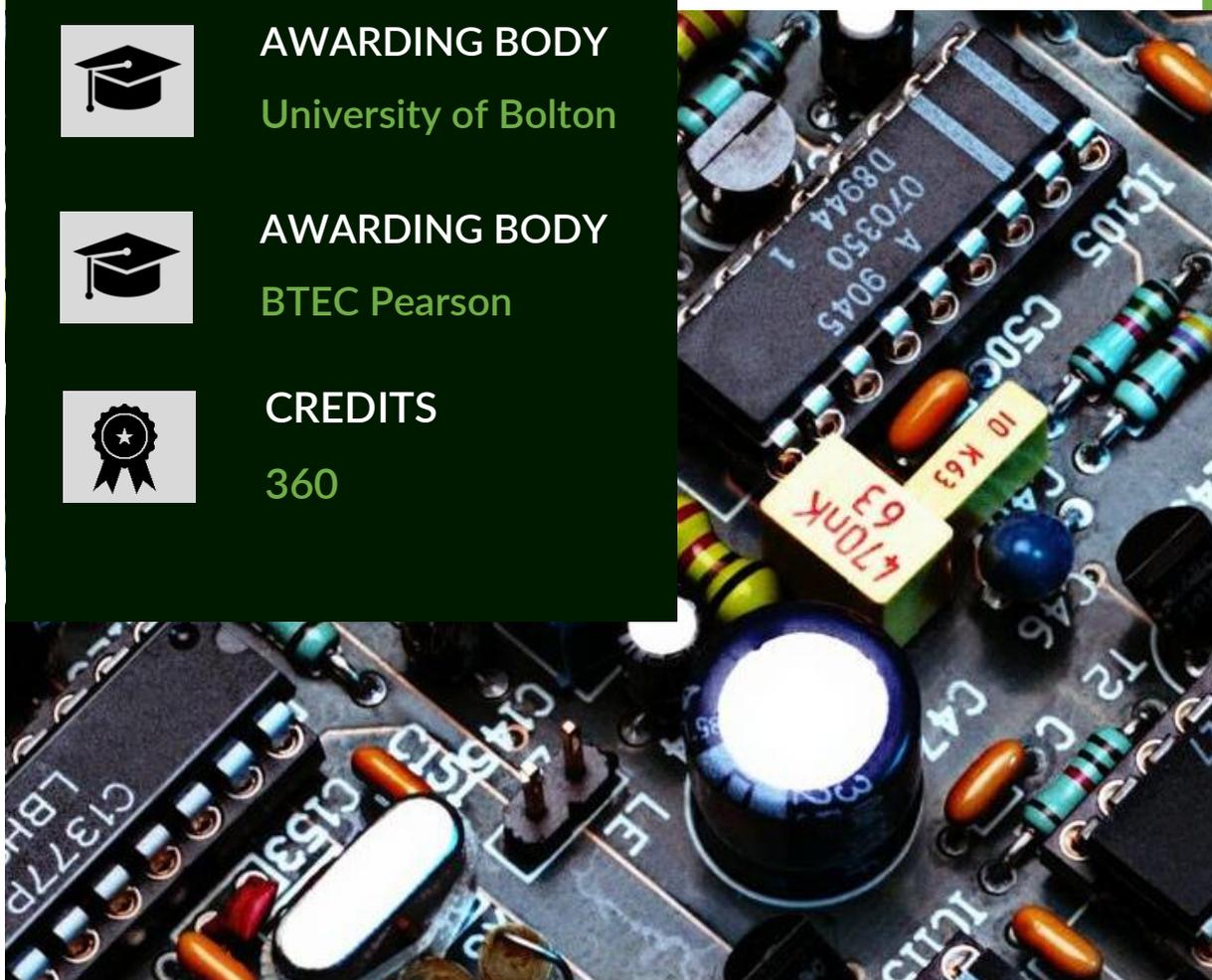
**AWARDING BODY**

BTEC Pearson



**CREDITS**

360



# MODULE DETAILS

## **First Year** Semester One Semester Two

|           |                                         |
|-----------|-----------------------------------------|
| Module 1  | Fundamentals of Computer Systems        |
| Module 2  | Project Management                      |
| Module 3  | Introduction to Web Development         |
| Module 4  | Relational Database Development         |
| Module 5  | Introduction to Software Development    |
| Module 6  | Introduction to Networking              |
| Module 7  | Objected-Oriented Programming           |
| Module 8  | Digital Graphics                        |
| Module 9  | English Language & Communication        |
| Module 10 | Programming                             |
| Module 11 | Networking                              |
| Module 12 | Professional Practice                   |
| Module 13 | Database Design & Development           |
| Module 14 | Managing a Successful Computing Project |

## **Second Year** Semester Three Semester Four

|           |                                          |
|-----------|------------------------------------------|
| Module 15 | Security                                 |
| Module 16 | Maths for Computing                      |
| Module 17 | Computer Systems Architecture            |
| Module 18 | Computing Research Project (Pearson-set) |
| Module 19 | Business Intelligence                    |
| Module 20 | Data Structures and Algorithms           |
| Module 21 | System Analysis and Design               |
| Module 22 | Discrete Maths                           |
| Module 23 | Advanced Programming                     |
| Module 24 | Application Development                  |

## **Third Year** Semester Five Semester Six

|           |                                    |
|-----------|------------------------------------|
| Module 25 | Object Oriented Methods            |
| Module 26 | Professional Issues in Computing   |
| Module 27 | Major Project                      |
| Module 28 | Web Application Project Management |
| Module 29 | Web and Systems Based Programming  |
| Module 30 | Software Engineering               |

# ENTRY CRITERIA

- GCE O/L - 5 Simple Passes Including English Language.
- GCE A/L - 2 Simple Passes in any stream.
- GCE A2 Level - 2 Simple Passes in any stream.
- Any relevant qualification which can be approved by SWLC Academic Department.



# CAREER OPTIONS

- Software Engineer
- Programmer
- Web Designer
- Database Developer
- Data Analyst
- Quality Assurance Engineer

# SWLC STUDENTS' LIFE



## FEES STRUCTURE

- SWLC Application & Registration Fee
  - Pearson & Bolton Registration Fee
  - SWLC Course Fee
- 
- 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.



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