

# Computing: Software Development

West Lothian College

## Content

This programme focuses on building robust, professional software solutions using industry-standard tools and practices.

You will deepen your understanding of object-oriented programming, databases, data structures, and software development processes, while gaining experience through practical, project-based learning.

You will study advanced computing and software development topics, including:

Object-oriented programming using C#; Object-oriented analysis and design; Data structures and algorithms; Software testing and quality assurance; SQL and database design; Data science fundamentals; Web server management; A major Graded Unit project bringing together all skills.

## Start Date

August

## Qualification

HND

## Study Method

Full time

## Course Length

1 year

## Department

Computing and Cyber Security

## Entry Requirements

HNC Computing or other relevant HNC. Interview.

## SCQF Level

8

## SCQF Points

«SCQFPoints»

## Progression Routes

Possible progression to 3rd Year of a Degree Course.

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

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## Website

[www.west-lothian.ac.uk](http://www.west-lothian.ac.uk)