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STOCKPORT
COLLEGE

BSc (Hons) Computing - Software Engineering top-up

Location	Stockport College
Course Type	University Level
Department	Computing
Start Date	Monday 14th September 2026
Duration	Full-time, 1 Year
Time	-
Fee	£ 8200.00
Course Code	SFP-HI6B-1200

Course Overview

Software Engineering is the design, implementation, and testing of complex software applications. In this course you will learn about the production of high quality, large-scale, enterprise-wide, and complex software applications.

This Level 6 top-up course is validated by Sheffield Hallam University and offers a natural progression from the Higher National Diploma (HND) in Computing (Software Engineering) or a Foundation Degree (FdSc) in this subject area. It will appeal to those who want to

further develop skills in programming techniques, tools and processes, and the project management practices used to support and control such projects.

Course Requirements

Whilst applications are considered on an individual basis, offers are usually based on a requirement to have a L5 qualification (240 credits) in Computing (Software Engineering)

What You Will Learn

In the study of software architecture and design, you will have the opportunity to apply the principles of good design, usability and security to the development of software. Adopting a practical approach, different design techniques and architectural styles will be used to develop solutions that are the evaluated against industry-standard criteria. In Semester 1 you will also work as part of a team to design, plan and support the development of IT projects by applying the relevant language and tools. This will involve practical exercises, using problems of graded difficulty that will challenge you to develop your skills and collaborate with others.

In the second semester, the Secure Software Engineering module explores the main objectives of security, relating them to the problems faced in the construction stage of large and complex applications. This will involve the study of information security fundamentals, cryptography, digital identity management and access control, vulnerabilities and protection and defence mechanisms and tools. Students will also be required to undertake a development project, creating a significant software deliverable, guided by a dedicated project supervisor. This offers the opportunity to apply their knowledge and develop the skills needed to transition from undergraduate study to the workplace, or further study.

Students benefit from a multifaceted learning experience, and the subject is delivered through lectures, hands-on lab sessions, tutorials, practice-based applied learning, teamwork and group-based learning with opportunity for self-study and provision of regular feedback.

Assessment

Modules are assessed through course work and work-based learning.

Progression

On completion, students may pursue post graduate study, for example:
MSc Computing
MSc Big Data Analytics
MSc Artificial Intelligence
MSc Information Technology Management

Career Options

The course prepares you for graduate employment and a career in:

Software development
Web based applications
Mobile app development
Systems and IT support
Project management
IT consultancy

Mandatory Units

You will complete the following modules:

Software Architecture and Design
Management of IT Projects
Development Project
Secure Software Engineering

Extra Costs Involved

No

Exam Validation Body

Sheffield Hallam University

Exam Validation Body

Sheffield Hallam University

Hours Per Week

Full time, 12 hours per week

How Long To Complete

1 year

Programme Structure

The course is delivered over two Semesters and students will complete 120 credits at Level 6.

Contact Details

For further information please email HEenquiries@tcg.ac.uk

Disclaimer

Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.