

Employability and Careers

Computer Science

Skills You'll Gain from Studying Computer Science

Understand and apply the fundamental principles and concepts of Computer Science, including abstraction, decomposition, logic, algorithms, and data representation

Analyse problems in computational terms through practical experience of solving such problems, including designing, writing and debugging programs

Think creatively, innovatively, analytically, logically and critically

Understand the components that make up digital systems, and how they communicate with one another and with other systems

Understand the impacts of digital technology to the individual and to wider society

Apply mathematical skills relevant to Computer Science

Potential Careers from Studying Computer Science

Cyber Security – (Information Security Analyst, Ethical Hacking, MI5 and MI6),
Web design, Game design, Software development, Database Administration,
Network Management, Computer Programming, Engineering