LOCATION:	**Malone Road, Belfast**
CLIENT:	**Queen's University Belfast**
VALUE:	**£1.56M**
REFERENCE:	**Raymond Sweetlove (Williams & Shaw)**
CONTACT:	**info@williams-shaw.co.uk (028 90813075)**
COMPLETION DATE:	**June 2016**

PROJECT DESCRIPTION

This project involved a major expansion and refurbishment of the Bernard Crossland Building (BCB) at Queens University Belfast. This expansion will see the existing BCB double in size, with increased numbers of computing resources, more project space and additional seating/social areas for students.

The objective is to create a high-quality transparent building that establishes a discrete identity for Computer Science, integrating both teaching and research; and to deliver a stimulating environment for staff and students. This includes formal and informal student space which can support increasing levels of group and project work.

The new four-storey 3,000m2 building, with a glazed front elevation will be built round and extends the concrete frame of the existing structure and is linked to the Computer Science accommodation in 14 and 16 Malone Road. It will offer a variety of large and small computer labs, project spaces, breakout rooms, a Student Hub spanning three floors, academic and clerical offices, and postgraduate spaces.

 In keeping with the University's commitment to sustainability, the building has been designed to minimize its impact on the environment and to achieve the target of Building Research Establishment Environmental Assessment Method (BREEAM) "Excellent" rating.

Completed using BIM (Building Information Modelling), providing a 3D co-ordinated Revit Model to LOD 4 permitting co-ordination, clash detection & construction sequencing prior to site works and for asset management by the clients FM team post construction.

SERVICES

Local distribution boards

Lighting & emergency lighting

Lighting control

UPS

Data network

 Access control

CCTV

Intruder alarm

Disabled refuge

 Fire alarm

Lightning protection

 PA/AV control cabling

 Mechanical control cabling

Testing & Commissioning