



## University of the West of England

### Project overview

Whitehead was appointed to design and install the building services at this state-of-the-art learning facility in Bristol. The building - for the School of Built and Natural Environment at the University of the West of England - was understandably required to feature extremely high standards of environmental consideration.

The building includes a 100-person lecture theater plus café areas and teaching rooms constructed of natural, low-carbon materials, targeting a BREEAM 'Excellent' rating. Whitehead's extensive work includes: natural ventilation; ground duct air cooling/heating; LPHW heating with a bio fuel oil boiler, underfloor heating; hot and cold water; BMS; public health services; sanitaryware; mains distribution; daylight linked lighting; specialist feature lighting; fire detection and alarms; CAT6 voice and data wiring; access control; CCTV; and security systems.

### Challenges

Given the nature of the new building – for use as the School of Architecture – it was important for Whitehead and the client that it be viewed as an exemplar of high-quality building services. The design features several M&E systems new to Whitehead's project managers and installation teams, and the absence of ceiling finishes means that all services are on display in the finished build.

### Solutions

As is so often the case, Whitehead's dedication to co-ordination and forward planning led to the successful completion of this exemplar project. Whitehead's meticulous design and early discussions with the ground air cooling/heating and bio fuel boiler specialist system suppliers was crucial.

#### Project title

» UWE R Block Phase 2

#### Project Manager

» Mike Parry

#### Sector

» Education

#### Location

» Frenchay Campus, Bristol

#### Client name

» Willmott Dixon Construction

#### Start date

» December 2009

#### Completion date

» July 2010

#### Value

» £1,200,000

"This project had a real requirement for high standards of setting out and sheer quality – after all, the building is going to be occupied by the architects and designers of the future! It's a great shop window for the quality and innovation Whitehead has to offer."

Mike Parry –  
Project Manager