

The Journey from Laying the Foundations To a New Academic Building



Tim Phillips
HoDoMS Annual Conference 2023

Motivation, Opportunity and Means

**Journey begins in
2014**

**Motivation – Space,
Community
Opportunity –
University Bond
Means – Academic
Case; Business Cases**



Senghennydd Road

School of Mathematics
Until August 2021

Academic Case (New Building and Co-location)

- Provide a range and choice of facilities for teaching, learning and research so the building supports different ways of working and studying
- Provide a sense of community
- Create a building with character
- Visibility of the disciplines
- Further the successful activity between the Schools with cohesive teaching programmes
- Promote collaboration
- Space to support visitors and meetings/ conferences

Key Team Members

- University Executive Board Sponsor
- Chair of Steering Board
- University Council member
- Project Manager
- Architects

Engaging Key Stakeholders

- Undergraduates
- Postgraduates
- Academic and Research Staff
- Professional Services
- School Advisory Panel

Design Stage



Currently in the design stage for a 6-storey building with a total size of 9,800m².

This includes 4 lecture theatres, 5 large seminar rooms, 6 computer labs, 130 single staff offices, offices for 230 PhDs/ RAs and space for 20 visiting academic staff. There are also 3 research labs, MAGIC room and a new maker-space.

Social learning space- 310 informal spaces throughout building and 3 project rooms.

The total project cost is £39m with construction an estimated £23m.

There is a service redesign project working alongside the design team which is responsible for the business case, overseeing the move and ensuring the representation of users in all parts of the process.

Design Stage – Study Spaces



Design Stage - Atrium

ATRIUM GROUND & UPPER FLOORS VISUALS



Other Points

- Single Staff Offices
- Retail Space
- The Unexpected
- Room Allocation
- Building Name

2nd March 2020



Under Construction



Key facts about Abacws

Budget and timescale

Budget of £43.4m after contingency revised
Construction value of £23m
Total spend to date £38.4m, anticipated to be £39m

Construction programme ran from Nov 2019 to Aug 2021. Steel delayed by 12 days at the end of March 2020 but no other construction delays.



Transition from existing premises

Service Redesign project organised the transition over 5 weeks with full occupation before teaching commenced in October 2021.

Over 100 academic staff, 50 PS and Research staff and 110 PGR students moved office.

The transition included moving to the new University network.

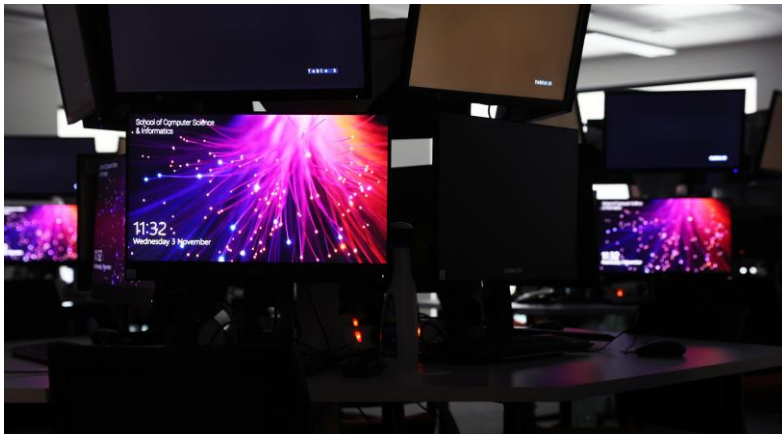
Teaching spaces and the student experience



Innovative spaces within Abacws

Specialist spaces for teaching

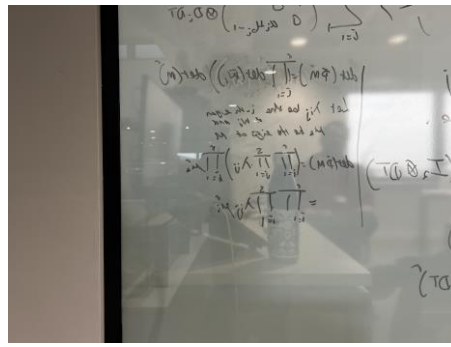
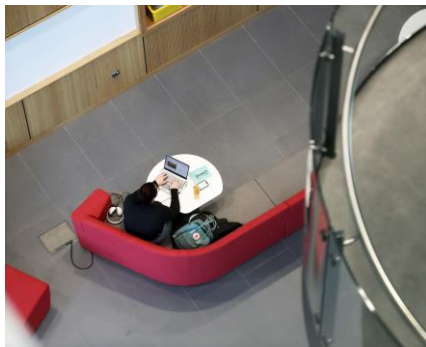
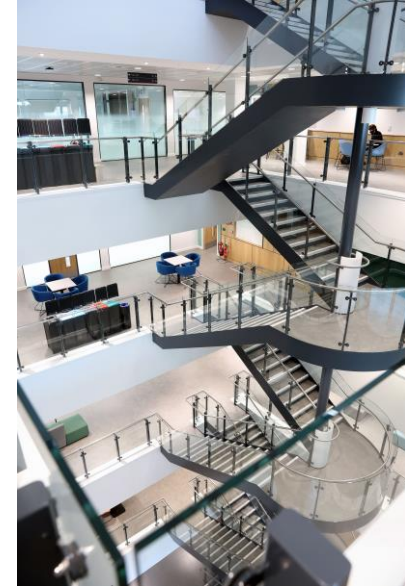
Windows Lab, Linux Lab, Cyber Forensics Lab, Maker Space, Financial Trading Room, Museum, PGR Video-Conferencing Suite



Innovative spaces within Abacws

Collaborative spaces for staff and students

Variety of collaboration spaces, niches and study space on every floor.



5	Building 5.05 Lecture Theatre 5.05	Lab 5.05 Computer Lab 5.04	
4	Lab 4.05 Lecture Theatre 4.05	Lab 4.05 Computer Lab 4.04	
3	Building 3.05 Lecture Theatre 3.05	Lab 3.05 Computer Lab 3.04	
2	Building 2.05 Lecture Theatre 2.05	Lab 2.05 Computer Lab 2.04	
1	Building 1.05 Lecture Theatre 1.05	Lab 1.05 Computer Lab 1.04	
G	Ground Floor Lecture Theatre G.05	Lab G.05 Computer Lab G.04	

September 2021

