UCL is seventh in the world’s top ten universities (QS Rankings 2015) and the UK’s top-rated university for research strength (REF 2014). With over 6,000 academic and research staff, £1 billion turnover, and students from 150 countries, we are London’s Global University.

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Our accomplishments include:

• Influenced the development of guidance and regulations at regional, national, and international levels regarding the effect of the built environment on energy use, health, and carbon mitigation measures.

• Demonstrated that lower levels of brightness are required for white streetlights than for yellow sodium vapour lights. Switching to these dimmer lights led to energy savings of 30–40% and saved 113 GWh of electricity in 2012 alone.

• UCL research on the use of private finance initiatives (PFI) in public infrastructure has formed the basis of training for practitioners.

Research themes:

• Air quality and pollution
• Architectural ecology and experimentation
• Building information modelling (BIM)
• Building forensics & diagnostics
• Construction and project management
• Energy and resource consumption
• Enterprise management and economics
• Health, human well-being and performance
• Innovation in facilities management
• Lighting
• New craft and technologies
• Smart cities
• Transport systems and infrastructure
• Urban design, renewal and governance
• Urban modelling and simulation
• Visualisation and mapping

Services and capabilities offered:

• Building modelling and analysis
• Policy evaluation
• Technology reviews
• Measurement of system performance
• Bespoke training

UCL brings value when:

• Advising on infrastructure renewal or build
• Supporting policy development
• Pioneering new techniques and materials
• Analyzing risk to people or performance
• Developing skills

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