

INTRODUCING

UTS Central

Building 2



Building factsheet

Open to the public on
Monday 19 August 2019

UTS Central is a vibrant student hub and faculty space located next to the UTS Tower on Broadway.

The launch of UTS Central follows the opening of three other significant buildings delivered under the UTS Campus Master Plan, including the Frank Gehry-designed Dr Chau Chak Wing Building.

The UTS Central design responds to its urban context and location, intentionally preserving the prominence of the Brutalist UTS Tower while bringing a complementary contemporary edge to the heart of the campus.

Project Snapshot

- Project commenced July 2016
- Main works completed July 2019
- Location: Corner of Broadway and Jones Street, Ultimo
- Architect, UTS Central: FJMT
- Architect, original Broadway Podium design: Lacoste + Stevenson with DJRD
- Main works contractor: Richard Crookes Constructions
- Sustainability rating: Targeting a 5 Star Green Star Design and As-Built rating certified by the Green Building Council of Australia



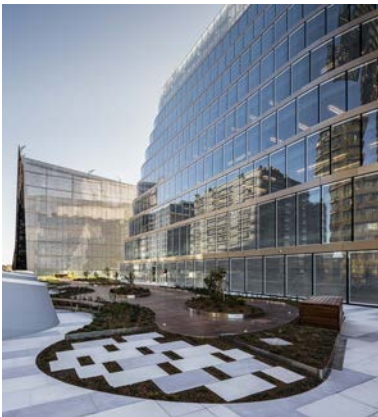
UTS Central Facts & Stats



UTS Reading Room



Glass façade



Terraces

- **17 floors** with two underground floors, a five-storey podium and 10-storey tower.
- Approximately **32,400sqm** of floor space.
- **20,000 cubic metres of concrete** have been used in construction, along with nearly **a kilometre of steel beams**.
- The façade comprises around **3600 glass pieces** made from 48 types of glass, the largest measuring 6 x 2.3m and weighing almost 700kg.

The building accommodates:

- Faculty of Law
 - UTS Blake Library
 - UTS Reading Room
 - Three large collaborative classrooms
 - Additional classrooms
 - Hive Superlab
 - Research spaces for the Faculty of Engineering and IT
 - Research Excellence and Support (RES) Hub and Industry Hub
 - UTS Scholars Centre
 - Multiple student learning commons
 - Student learning hub
 - A food court including a restaurant/café fronting Alumni Green
 - UTS Careers consultation spaces
 - UTS Food Co-op
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- Outdoor terraces are home to 12 mature olive trees and 12 mature fig trees, which were craned-in during construction. The olive trees were rescued from an abandoned olive farm.
 - The underground Library Retrieval System holds around 500,000 items, almost 70% of the UTS Library's collection, and connects to the new library via a book lift.
 - The biggest teaching spaces are the 350-seat collaborative classrooms on levels 5 and 6. These high-tech classrooms support active and collaborative learning at scale. There are no 'traditional' lecture theatres within UTS Central.



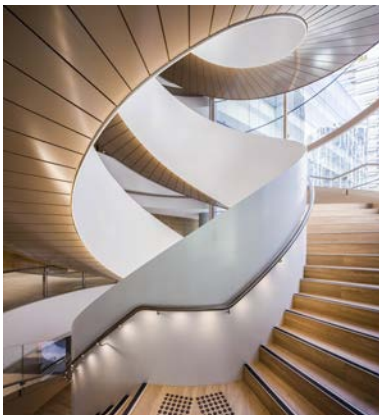
Key features



UTS Reading Room



Hive Superlab



Double helix staircase

UTS Reading Room:

The design of the UTS Reading Room was inspired by traditional scholarly spaces where academics can engage with current research, exchange ideas and immerse themselves in study. With a triple-height atrium opening to a large skylight and an uninterrupted glass façade overlooking Alumni Green, this is a light-filled space for quiet work, reading and contemplation.

Hive Superlab:

With its hexagonal features designed to create an interactive ‘buzz’, the colourful Hive Superlab is a world-class, collaborative teaching lab. Designed to a PC2-standard, the lab accommodates up to 270 students, with specialist audio-visual facilities (including bone conduction headphones) allowing seven classes to run simultaneously.

Large collaborative classrooms:

Three world-leading collaborative classrooms incorporate innovative design features that support collaborative learning and teaching at scale. Designed in consultation with academics, the classrooms have no obvious ‘front’. Multiple presenter spaces and adaptable furniture enhance opportunities for active student participation. The two largest theatres hold up to 350 students, while a third accommodates 198 students.

Double helix staircase:

An intertwining double helix staircase made from Australian steel and curved glass connects levels 4 to 7. Visible from outside the building, the double ribbon spiral design is intended as a reminder of how breakthroughs in science and technology have transformed our world.

UTS Blake Library:

The library will move to UTS Central in November 2019. Spanning levels 7 to 9, the new location offers upgraded facilities and a direct connection to the high-tech Library Retrieval System (LRS) below Alumni Green. Study spaces have been designed with student input and include outdoor informal study areas on north- and south-facing landscaped terraces. Two public exhibition spaces will showcase staff and student work.

Curved exterior and twisted tower:

The UTS Central design is notable for its elegant, curved lines, which both complement and contrast with the modular, utilitarian design of the Brutalist UTS Tower. The upper levels have been designed with a distinctive twist, meaning no two upper-level floor plates are the same.



Key features



Glass façade



Collaborative learning spaces



Student learning commons

Glass façade:

The façade is the work of two specialist subcontractors. The tower façade was completed by Permasteelisa Group, whose other projects include the Guggenheim Museum Bilbao and the Sydney Opera House. Australian company G.James completed the podium façade.

Faculty of Law:

Opening in early 2020, the new home for the Faculty of Law provides accommodation for academics, administration and the Dean's Unit. It will also house updated Moot Court and trial courts, featuring contemporary technology used within Australian courts, as well as student study and common spaces.

Food court:

Featuring direct access to Alumni Green and links to the UTS Tower, the food court includes eight individual outlets. With a world-leading sustainability focus, it has eliminated single-use plastics including bags, coffee cups, straws, bottled drinks and packaging. Reusable, fully compostable and recyclable products are used instead, including cardboard, bamboo and plant-based PLA packaging (also known as bioplastic).

Major public artworks:

Newly commissioned public artworks by Australian artists will be a key feature of UTS Central. Located at three distinct sites, the artworks will each be an expression of UTS's culture of innovation, creativity and engagement in society. Works in the food court are being produced by artists from Studio A, a Sydney-based organisation that creates professional pathways for artists living with intellectual disabilities.

Student learning commons:

UTS Central houses a range of technology-enabled individual and collaborative study spaces. Student commons across seven levels include 'bring-your-own-device' benches, general access computers, bean-bag pods, group tables, lounges and bookable group study rooms.

RES Hub:

UTS Central will be home to the Research Excellence and Support Hub (RES Hub), a dedicated researcher engagement and development space with training, consultation and industry engagement facilities.

Faculty of Engineering and IT:

Specialist research and project spaces accommodate students and staff from the Faculty of Engineering and IT, including the Rapido team who will offer UTS Engineering and IT technical expertise to industry.



Key features

Innovative sun shading:

Bespoke sun shading systems control solar penetration, regulating light and internal temperatures. Geometric panels on the building's northern façade are programmed to respond to the azimuth of the sun across the calendar year. Adjustable louvre blinds encapsulated within the façade of the upper levels give the building its distinctive white veneer.

Recycled water and district cooling:

Innovative urban partnerships will reduce the university's energy and potable water use. Recycled water from the nearby Central Park complex is used for toilet flushing and irrigation of landscaping. A district cooling connection from the Central Park underground energy centre runs air-conditioning, and provides space, power and maintenance savings for the university.



UTS Central, Building 2



For more information visit
uts.edu.au/UTSCentral