

Annual Architectural Design Competition for Year 12 Students

Fitzwilliam is one of Cambridge University's most architecturally diverse and interesting colleges. It is famous for the contrast between the old and the new, and draws architecture students from around the world to study its buildings.

We are pleased to invite you to participate in Fitzwilliam College's Architectural Design Competition. This is an exciting opportunity for secondary school students to analytically approach a design problem and creatively develop architectural design solutions. Students will design and communicate their design solutions through drawings and a design narrative.

Competition Schedule

Entries must be received by **Thursday 1st June**.

Prizes will be awarded during the University Open Days in July 2017.

Design Challenge Brief

You are challenged to design a new building somewhere on the Fitzwilliam College site. This building will serve as a hub for interaction between teaching Fellows and students, where they can share and explore ideas.

During the design process, you will need to think about what programmes or activities need to be accommodated in the new building. You must also consider possible locations for the new building within the College site, taking into consideration the other College buildings in your design.

You are required to submit:

- Project Title that best describes your design intention and final design solution
- Design Narrative of **500 words** that concisely explains your design inspiration, design objective, and final design strategy developed to meet your design objective.
- Drawings that show
 - (1) floor plan(s) of your building,
 - (2) one elevation and/or one building section of your building that best describes main features of your design solution,
 - (3) one site plan that indicates the location of the building in relation to existing buildings in the college site
 - (4) one perspective drawing of your building that highlights your design intention and shows the placement of a new building in relation to existing college buildings nearby

A chance to view Fitzwilliam College Architecture

At the College Open Day on **29 April**, Dr Yeonsook Heo, Director of Studies in Architecture, will give an architectural tour of the College to competition entrants and other attendees interested in architecture. To make a booking for the Open Day, please visit our website:

<http://www.fitz.cam.ac.uk/admissions/open-days>.

Downloading the College Plan

You can download a PDF copy of a plan of the Fitzwilliam College from the competition here:

<http://www.fitz.cam.ac.uk/admissions/essay-competitions>.

Fitzwilliam College Site Information

The Fitzwilliam College is structured around four courts, each of which is bordered by buildings containing student accommodation. Key buildings within the College include The Grove, Hall Building, Auditorium and Chapel. You may find other images on the college website and the instagram account [fitzwilliam_admissions](#).

Below are some images of different aspects of the College, and a map showing its layout. **Fellows' Court, Tree Court, and the Hall Building** were completed between 1961 and 1966 according to the initial Lasdun Masterplan. The choice of a dark-brown brick and the exposed horizontal bands of the concrete floors which delineate the three storeys of the elevations imparts a more austere appearance to the perimeter ranges than the warm red brick façades of older colleges.

In both scale and detail the **Hall Building** makes a much stronger statement. The highly individualistic tall clerestory windows framed by hooded parabolic pods, lighting the dining hall, tower over and dominate the College.

New Court was complete between 1983-1986 to expand south of Fellows' Court for student accommodation. New Court's design took its cue from Lasdun's perimeter ranges in its three-storey elevation, use of dark brick with horizontal concrete string-courses and the mix of narrow and wide windows, with many differences in detail.

Wilson Court was completed between 1991-94 for a new study and accommodation block. This was to be erected east of Lime Tree Avenue, which leads from Storey's Way towards The Grove. The winning design is on the same axis as the south wing of New Court and respects its scale and use of dark brick while offering a variation on the stepped-bay elevation.

Gatehouse Court was added to the site in 2003 for additional office and residential accommodation. The L-shaped range abuts New Court, and the imposing entrance is signalled by the top-lit glass lantern, a contemporary interpretation of the traditional college gatehouse which provides a welcoming ambience. Continuity with the earlier buildings is maintained by the use of dark brick and pale horizontal banding, but a distinctive feature is the zinc and Douglas fir cladding to the window bays.

The Auditorium opened in 2004 and is a building of very different character from Gatehouse Court. The identity of the Auditorium is defined on the one hand by The Grove, with its buff Cambridge vernacular brickwork, and on the other by the eye-catching stainless-steel cladding at the west end.

The Olisa Library is the latest addition to the College's stock of buildings. The round tower (part of the library) emulates the existing chapel and functions as a monumental endpoint to Lasdun's building. Between this tower and a smaller turret is the stepped main façade, with its distinctive white-oak cladding blending with the brickwork of The Grove.

The Grove is a Grade II listed house which lies at the centre of the College and dates from the Napoleonic Wars. It is built from gault brick, with a slate roof.



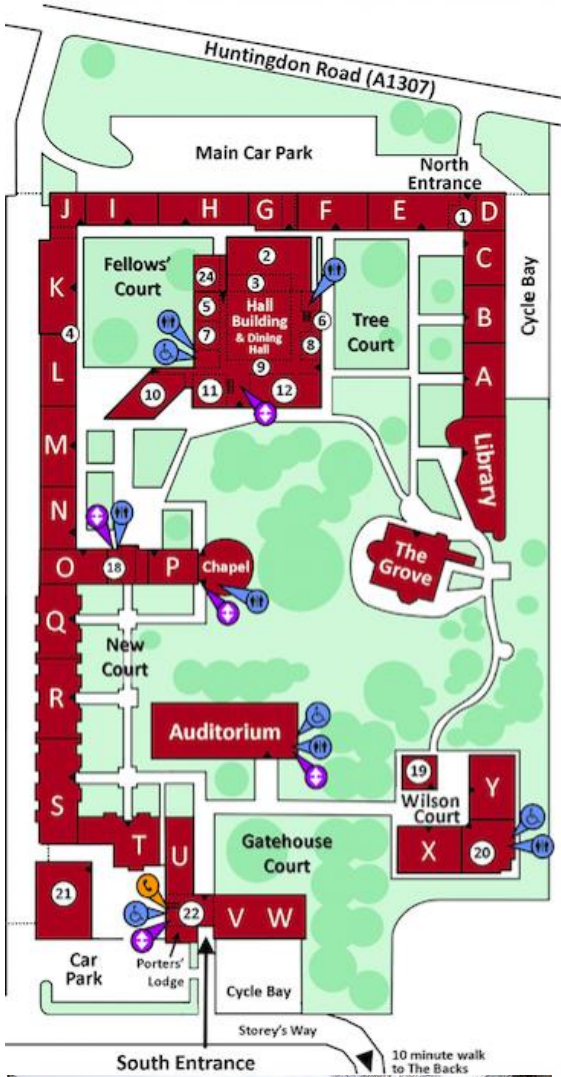
FITZWILLIAM COLLEGE UNIVERSITY OF CAMBRIDGE



View to Follows' Court



View to the Tree Court



View from the Tree Court to the Grove



View from the New Court to the Grove



View from the Gatehouse Court to the Wilson Court



View to the New Court



View from the Wilson Court to the Gatehouse Court