

MASTERPLAN ESTATE STRATEGY 2026+

At the University of Liverpool we are proud of our rich history and heritage and of our place in this fantastic, vibrant city.

As one of the UK's leading research-intensive higher education institutions, we are known for our excellent teaching and research, our global outlook and our continued civic commitment. Our campuses and facilities are an important enabler of this work and, whilst our estate boasts some world-class facilities and wonderful spaces, we need continued investment to best support our ambitious future plans, up to Strategy 2026 and beyond.



University Square

This £1billion Estate Masterplan articulates a clear and coherent long-term vision for the future of our university campuses so that they best support our strategic priorities. Following extensive consultation with staff and students in early 2016 and building on the resulting Estate Strategy, we have placed the issues that matter most to our university community and to our wider stakeholders at the very heart of our plan.

THIS MEANS THAT THE MASTERPLAN HAS BEEN GUIDED BY SEVEN CORE PRINCIPLES:

- enabling world-leading education, research and impact;
- providing a welcoming and distinct campus identity;
- delivering functionality, accessibility and inclusivity;
- enhancing our vibrant campus community;
- building on our regional and global connections;
- progressive heritage guardianship; and
- ensuring a sustainable future.

THE RESULT IS A MASTERPLAN WITH CAREFULLY CONSIDERED PROPOSALS ACROSS THE FOLLOWING AREAS:

ARRIVING AT AND MOVING THROUGH THE CAMPUS

- Commitments to enhance accessibility and further promote equality, diversity and inclusivity across our campuses
- Strategies on public transport, cycling, walking and car parking.

DEVELOPING THE LOOK AND FEEL OF THE CAMPUS

- Carefully selected materials to reference more historical and newer developments to create a unified campus identity
- A commitment to become a 1,000 tree campus
- Strategies to improve campus sustainability
- A strategy to consider the height and mass of new buildings, ensuring they are in keeping with the location.

ENHANCING THE EXPERIENCE OF BEING ON CAMPUS

- Campus zoning to aid navigation and enhance the sense of community
- Open space strategy providing a green heart to campus, civic squares and more
- A strategy to enable more pop up and temporary events on campus
- Plans to enhance the navigability of campus
- Physical and social health strategies to promote health and wellbeing on campus.

PROPOSED IMPROVEMENT PLANS, REDEVELOPMENTS AND NEW BUILDS

- The identification of four key priority areas for particular focus over the next 10 years:
- Dover Street
- Brownlow Hill and University Square
- Mount Pleasant and Cathedral Gateway
- Oxford Street and Abercromby Square
- New builds, redevelopments and improvement plans for each of the three faculty zones and for central university facilities.

PLANS FOR THE LEAHURST CAMPUS AND NESS GARDENS

- Major developments for equine care, expanded research facilities and a redeveloped student skills zone at the Leahurst Campus
- Improvements to the arrivals zone and refurbishment and reconfiguration of existing buildings at Ness Gardens.



ARRIVING AT AND MOVING THROUGH THE CAMPUS

THE VISION FOR THE PUBLIC REALM IS A VIBRANT, HIGH QUALITY, ACCESSIBLE AND WELL-MAINTAINED CAMPUS ACHIEVED THROUGH:

- new gateway spaces that enhance the arrival experience
- the development and implementation of an Accessibility Strategy
- a coherent network of pedestrian routes, streets and spaces
- encouraging staff and students to access the campus by the most sustainable means possible
- promoting safe cycling for students, staff and visitors and encouraging participation
- moving cars to the periphery of campus.

ACCESSIBILITY

The ultimate aims are to ensure the campus:

- can be used safely, easily and with dignity by all
- is convenient and welcoming, so everyone can use accessible spaces and facilities
- is flexible and responsive, taking account of what individuals need and want, so that people can use them in different ways
- offers more than one solution where practical to help balance everyone's needs, recognising that one solution may not work for all.

OUR PUBLIC TRANSPORT STRATEGY AIMS TO:

- reduce the impact of queues at bus stops by increasing pavement widths, reducing the scale of the road
- support future sustainable travel options through the campus
- ensure all bus stops are at a good standard and are safe, easily accessible and well lit
- improve digital and directional signage at key points across the Campus to improve orientation and legibility.

OUR CYCLING STRATEGY AIMS TO:

- create a well-connected cycle network that links the campus with its wider context and provide safer connectivity with off-site campuses
- provide additional cycle parking, changing and storage facilities and improve CCTV security deterrents on storage facilities.

OUR WALKING STRATEGY AIMS TO:

- prioritise pedestrians by developing a network of safer, quality routes to a consistent standard
- create more balanced places where people can enjoy strolling
- extend the primary pedestrian spine to link with North-South routes like Pembroke Place and Myrtle Street
- expand the pedestrian priority route to Dover Street.



PARKING ON CAMPUS

The current provision of surface car parking creates many challenges on the campus with small, fragmented car parks located across the estate.

An essential investment for future development, which satisfies planning and highways requirements, is to move cars to the periphery of campus, clustering parking space in multi-storey car parks. This will:

- reduce the impact of cars around the campus
- create open spaces more easily traversed by pedestrians and cyclists
- be complemented by ongoing improvements to sustainable modes of transport.

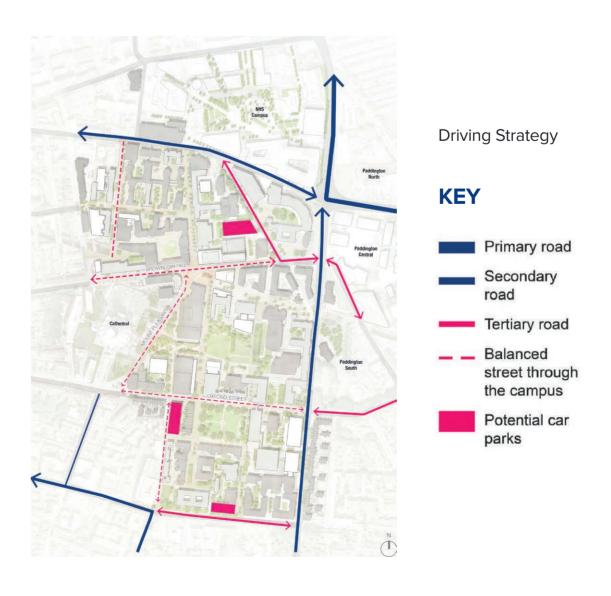
Three multi-storey car parks are proposed:

- Crown Street, which would provide convenient access from the road and motorway network
- Bedford House site, which would be central and convenient for the campus, the Knowledge Quarter and Hope Street
- Myrtle Street, which provides a good location with existing vehicular parking.

DRIVING ON CAMPUS

The primary aim is to promote and support initiatives that reduce reliance on cars. In order to reduce the adverse effects of road traffic, the Masterplan proposes:

- creating a clear hierarchy of streets with reduced visual clutter
- introducing traffic calming measures like speed tables, chicanes and curb extensions
- implementing measures to slow down roads speeds.





ENHANCING THE EXPERIENCE OF BEING ON CAMPUS

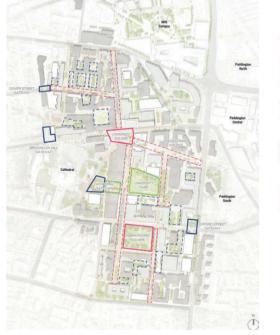
This Masterplan seeks to provide a unified and distinctive University campus so that people instantly know they have arrived and enjoy their time on campus.

New spaces for recreation and activity are planned which aim to both inspire our students and encourage our wider community to use the campus and get involved.

ACADEMIC ZONING STRATEGY

Building on feedback from staff and students regarding the need to further build a sense of community and sense of place on the campus, the Academic Zoning Strategy clusters buildings for similar academic fields, allowing clearly identifiable neighbourhoods to emerge.





KEY

Civic Squares
Green Heart

Gateway Squares

Collegiate Courtyards

Pedestrian Routes

Open Spaces Strategy'

OPEN SPACES STRATEGY

A safe, pedestrian-only route through the centre of the campus will unify the squares, gardens, courtyards and plazas, connecting the whole campus and providing the opportunity to socialise, study, or simply relax.

- Civic squares for use by students, staff and the wider community, encouraging participation, for example, in election campaigns, debates and protests
- Green spaces to enhance the quality of the campus experience for staff and students
- Gateway Squares which act as front doors, inviting the wider city community into the campus
- Collegiate courtyards dispersed across the heart of the campus, providing places for students and staff to contemplate and relax away from vehicle noise.

WAYFINDING STRATEGY

A wayfinding strategy will reinforce the academic zoning and the Open Spaces Strategy, whilst providing unity and distinctiveness to the overall University branding.

SOCIAL HEALTH STRATEGY

The restorative and healing properties that well-designed open spaces can produce have been long acknowledged. The campus spaces will promote social ease and connectivity.

- Activate the ground floors of buildings to increase transparency and strengthen the inside-outside relationship
- Improved mental and spiritual health through access and connection to nature
- Highly programmed public spaces with activities to enliven them
- Temporary pop-ups to activate underutilised spaces on campus
- Improved social wellbeing through provision of attractive and comfortable spaces for gathering and interaction.

EVENTS STRATEGY

This Strategy seeks to facilitate temporary events, pop ups and evening activities. This will add vibrancy to the campus, encourage a feeling of ownership by staff and students and provide opportunities for greater collaboration with City events and festivals.

PHYSICAL HEALTH AND SPORT STRATEGY

The campus needs spaces that are inclusive, adaptable and create positive interactions. This Strategy supports this whilst encouraging an active lifestyle, through the development walkable streets, cycling facilities and more green space.

- Create a series of running and walking loops
- Encourage informal exercise with bold, interactive fitness stations and multi-use game areas
- Be creative in the use of existing infrastructure such as walls and roofs for climbing.



DEVELOPING THE LOOK AND FEEL OF THE CAMPUS

We will develop the campus by carefully selecting materials that reference both historical and newer developments to create a unified campus identity. To make our campus a greener, more sustainable place to work and study we have a commitment to become a 1,000 tree campus.

HEIGHT & MASSING STRATEGY

The height and massing of new projects will respond to adjacent buildings and follow a principle of respecting the general scale of each location.

Sites such as University Square and Dover Street, where low-rise buildings feel left behind by change around them, will also be addressed.

We will:

- Respect the scale of typical 4-5 storey height historic buildings
- Match the quality and prominence of key locations with fitting architectural responses
- Use opportunities for development taller than the existing context to mark corner and gateway situations
- Ensure adequate gaps for sunlight and activities.

MATERIAL STRATEGY

The careful selection of materials will help to raise the quality of the environment and encourage pedestrians to stay longer on the campus.

- A well designed, maintained and uncluttered public space will enhance the visual identity and accessibility of the campus
- A simple and robust palette of high quality and well considered materials, referencing what is already there and taking precedent from recent developments, will be used to create a unified identity.
- Material choices include natural stone and concrete mix, resin-bound and self-binding gravel.









TREE PLANTING STRATEGY

A clear strategy for tree planting will be developed that establishes a series of key design parameters. They should be used to enhance visitor experience, aid legibility and strengthen distinctive character areas. A well-balanced strategy for increasing the tree coverage across the campus will focus on:

- Gateways to tie into the start of the academic year in Autumn, any new tree planting in these key gateway spaces should accommodate tree species with a strong autumn colour to offer that 'wow' factor to students arriving into the campus
- Pedestrian routes evergreen trees that retain a strong, year round form offering visual consistency to the strategic north to south links as a means of wayfinding
- Courtyards making reference and connection to the Ness Botanic Gardens, these new pocket gardens can accommodate a mix of trees and planting. In particular focusing on the relationship to spring blossom trees
- Streets Deciduous street trees of an appropriate scale and species that retain a strong form and offer year round seasonal interest.
 Different links can use different species to distinguish routes and establish a range of characters.

THE 1,000 TREE CAMPUS STRATEGY

The key objective is to increase the number of trees across the campus from around 700 to 1,000. Even though a selection of trees may need to be removed or pruned following an in-depth tree survey, the 1,000 figure can be achieved via the large number of open spaces proposed across the campus which will be able to accommodate an abundant amount of new trees.

SUSTAINABILITY STRATEGY

Our scores are Very Good and/or Excellent at the Smart BREEAM rating (Building Research Establishment Environmental Assessment Method). This is mainly based on building specific standards, whereas campuswide scoring could be improved. The Masterplan aims to improve the public realm and overall quality across the campus, adopting a sustainable and biodiverse approach.

- **Biodiversity and ecology** the creation of a series of new green spaces and gardens to enhance biodiversity throughout the campus
- Waste and pollution site-wide waste and recycling strategy
- Health and wellbeing walking, running and cycle routes plus spaces for interaction, reflection and gatherings
- **Transport** promote the central location of the campus, making it easily accessible by public transport, on foot and cycling
- **Materials** locally sourced, hard-wearing, durable materials that are robust and do not need constant maintenance.

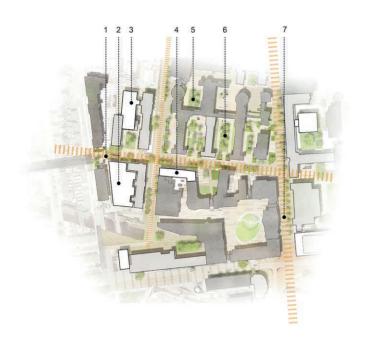


Creating a university park at the heart of our campus



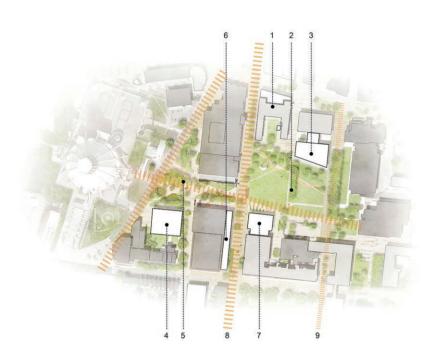
PRIORITY LOCATIONS

The Masterplan identifies four key priority areas for particular focus over the next 10 years.



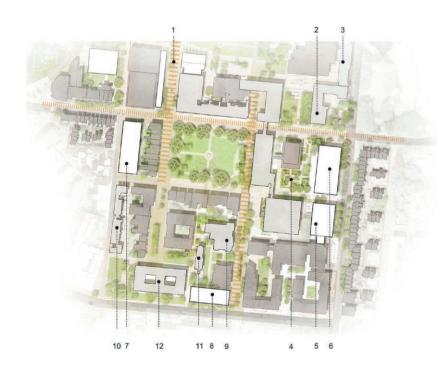
DOVER STREET

- **1.** Dover Street will become a key gateway to the campus and will be transformed into a pleasant pedestrianised route into campus.
- 2. There will be a new facility for Electrical Engineering and Electronics which will include a refurbishment of the existing Derby and Hartley buildings, together with a new atrium building.
- **3.** The existing Herdman laboratory extension will be demolished to provide an enhanced facility for the School of Environmental Sciences.
- 4. The new Digital Innovation Facility.
- 5. The potential to link a pocket park with the Foresight Centre for outdoor exhibitions and events.
- 6. Existing car parks will be relocated and the Waterhouse courtyards will be transformed into pocket parks.
- 7. Shared surfaces will create greater pedestrian and cycle priority.



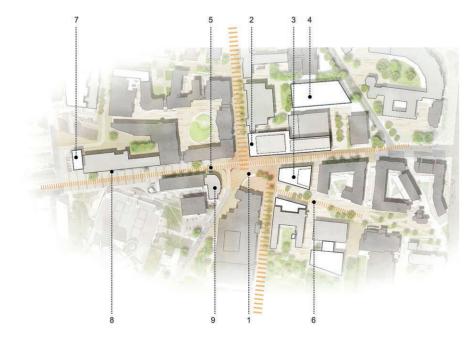
CATHEDRAL GATEWAY AND UNIVERSITY PARK

- 1. Refurbishment and extension of Mathematics building, opening up the streetscape and improving accessibility.
- 2. Large new central green creating a University Park.
- 3. Opportunity to provide additional learning facilities defining the northern edge of the square.
- 4. Creation of a new sports hall building. Interim phasing to provide outdoor pitch/court facilities.
- 5. Opportunity to celebrate the proximity of the Cathedral with a new vista leading to a prominent new green space.
- 6. New frontage to sport with a more positive relationship to the central spine.
- 7. New build and refurbishment of Architecture block, defining the southern edge of the new green space.
- 8. Strengthening existing North-South accessibility, pedestrianisation and cycle routes through the campus.
- 9. Improved pedestrian crossings at key points along Oxford Street.



OXFORD STREET AND ABERCROMBY SQUARE

- 1. Strengthening existing North-South pedestrian routes through the campus.
- 2. Refurbishment of Chemistry with retention of existing trees.
- 3. Opportunity to reconsider the ground floor of Donnan, opening up the façade to celebrate activity within.
- **4.** Opportunity to create a unique roof garden on the former upper-ground level car park with connections to the new Art and Humanities Centre. Former lower-ground car park to be used for library archive storage.
- **5.** Additional accommodation for the Management School.
- 6. New Arts and Humanities Centre. A prominent building defining an important gateway into the campus.
- **7.** 300+ space Multi-storey Car Park on the Bedford House site.
- 8. 300+ space Multi-storey Car Park on the existing surface car park.
- 9. Extension to the Law and Social Justice Building.
- **10.** Repurposing of the Sir Alastair Pilkington Building for the Faculty of Humanities and Social Sciences when vacated.
- 11. Repurpose Roxby Tower for the Faculty of Humanities and Social Sciences.
- **12.** Eleanor Rathbone interim improvement for the Faculty of Health and Life Sciences, School of Psychology and Faculty of Humanities and Social Sciences.



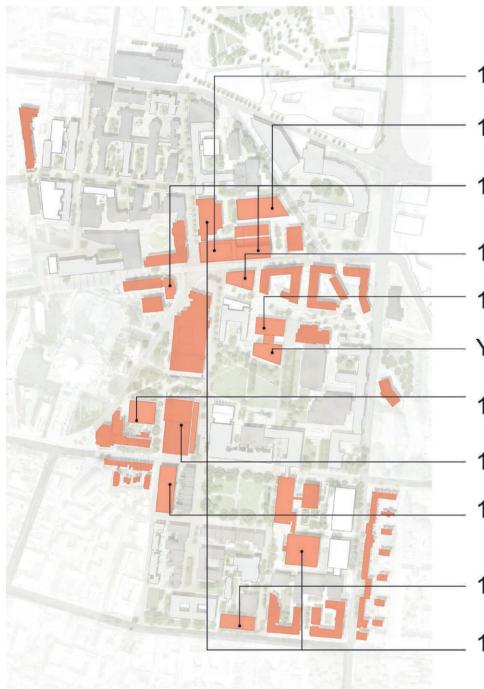
BROWNLOW HILL AND UNIVERSITY SQUARE

- **1.** University Square will be expanded, helping to better connect the campus and providing a key piece of public space in the heart of the Knowledge Quarter.
- 2. An expanded library facility to complement Harold Cohen with a new frontage façade.
- 3. A new development plot, potentially a new academic, research and impact and exhibition building.
- 4. A new multi-storey car park, particularly well-situated for cars arriving from the M62.
- 5. Further expansion of University Square along Brownlow Hill and Mount Pleasant.
- **6.** Improved pedestrian connection to University Square from Crown Place.
- 7. Key new corner building on Brownlow Hill, providing additional showcase space for Engineering.
- 8. The ground floor of the Mechanical Engineering building to be opened up to create a more public-facing facility.
- **9.** Co-location of Professional Services and re-ordering of the ground floor of the Foundation Building to make a new entrance onto University Square.
- 10. Connectivity to the Waterfront will also be enhanced.



UNIVERSITY FACILITIES

These facilities cover locations across campus and include elements that are central to the University but not specifically designated to any faculty. The Masterplan sets out a broad ranging vision for this zone.



- 117 New Library Central Learning Suite
- New Crown Street 500+ Space Multistorey Car Park
- 125 Co-location of Professional Services Facilities
- New Academic, Research, Impact and Exhibition Building
- 100 Refurbishment of Lecture Theatres
- YY Future Development Plot New Social Learning Building
- New 3G Sports Pitch (phase 1) New Sports Building (phase 2)
- 142 Extension and Reconfiguration of Sport Centre
- 126 New Bedford Street 300+ Space Multistorey Car Park
- New Myrtle Street 300+ Space Multistorey Car Park
 - Additional Library Study Space, Interim works



Aerial view – University Park



Aerial view – University Square

NEW LIBRARY CENTRAL LEARNING SUITE

An inspirational new building on University Square facing the Victoria Gallery & Museum which will provide additional, modern library facilities and social learning learning spaces.

NEW 3G SPORTS PITCH (PHASE 1)

Short term - 3G pitches and internal condition and capacity improvement works on the Ground Floor to create a more open and attractive proposition.

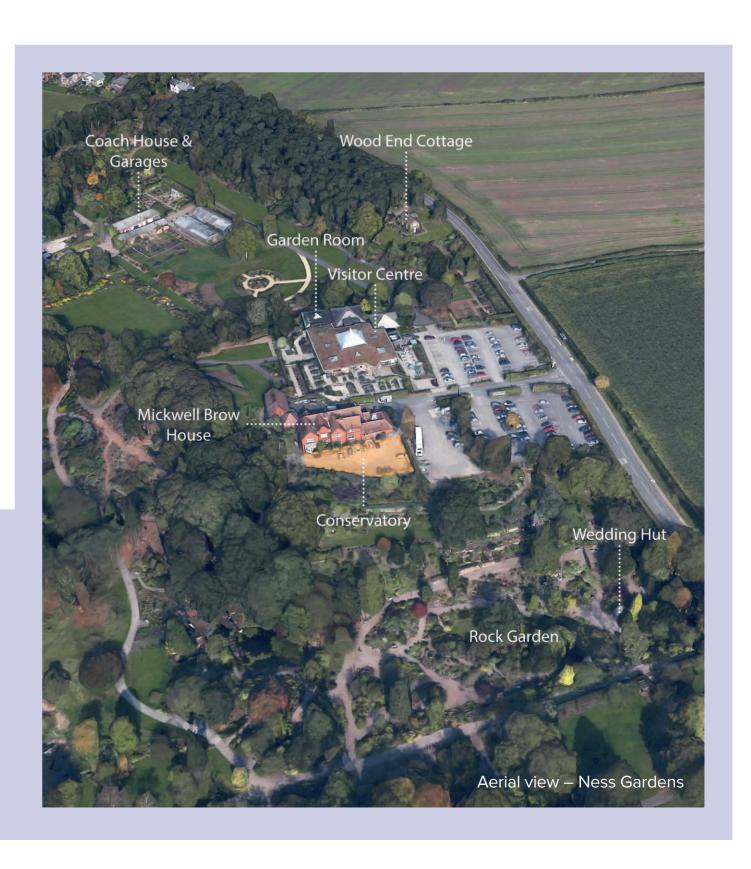
NEW CROWN STREET 500+ SPACE MULTI-STOREY CAR PARK

Key project to unlock surface parking areas for development, along with creating a cycle hub, cycle workshop and changing facilities.

NESS GARDENS

Owned by the University since 1948, Ness Gardens is a 65 acre site comprising Grade II listed botanic gardens and the historic Mickwell Brow House. A purpose-built Visitor Centre also provides a ticket office, cafe, shop and lecture theatre.

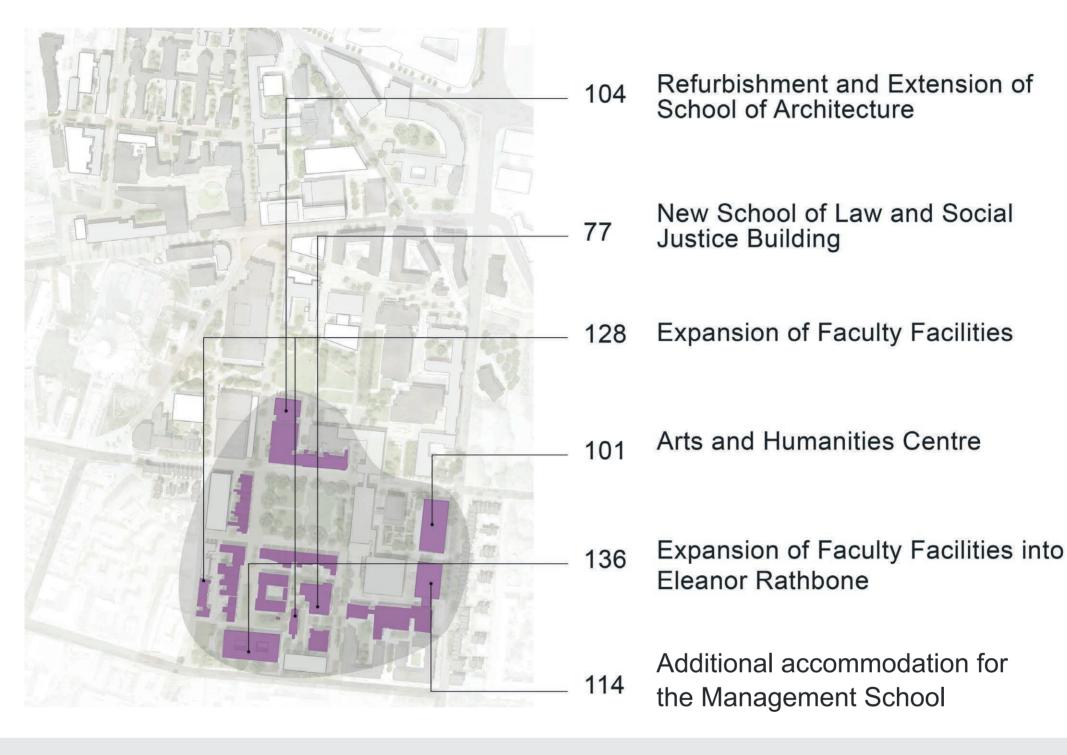
Through the reconfiguration and refurbishment of existing buildings, the ambition is to increase commercial activity with more weddings and events on site, as well as improving education facilities and access throughout the gardens.





HUMANITIES AND SOCIAL SCIENCES ZONE

The Faculty of Humanities and Social Sciences is situated in a zone surrounding three sides of Abercromby Square. It is bounded on its southern edge by Myrtle Street, and on its western edge by Mulberry Street. Three key projects are anticipated in this zone – the Arts and Humanities Centre, an extension to the School of Architecture and additional accommodation for the Management School.





REFURBISHMENT AND EXTENSION OF SCHOOL OF ARCHITECTURE

A showcase building for the School of Architecture, including enhanced gallery and studio spaces, with new-build and refurbished facilities. Developed through engagement with staff, students and alumni this space will increase capacity and provide state-of-the-art new facilities.



ARTS AND HUMANITIES CENTRE

New £22.1m teaching and performance space to support the learning and teaching strategy and improve facilities for the School of Music, creating large auditoria of circa 600, 450 and 400 seating capacity. The new performance auditoria will enrich the cultural life of the city and deliver real world experience to students.

The major project will also deliver three lecture theatres, catering for more than 1,000 students across disciplines; alongside seminar facilities, informal study spaces, a new cafeteria and outdoor seating area.



ADDITIONAL MANAGEMENT SCHOOL ACCOMMODATION

Reconfiguration of the existing Management School space and a possible extension and/or redevelopment of Roxby Tower.



SCIENCE AND ENGINEERING ZONE

The Faculty of Science and Engineering is located across two zones. The Engineering and Environmental Sciences facilities are located in the area to the north of Brownlow Hill, and Physical Sciences facilities are located in the area to the east of University Park. Several key projects are anticipated in this zone, along with significant public realm enhancements around Dover Street.



- 103 Refurbishment and Extension of School of Environmental Sciences
- 116 New Digital Innovation Facility
- 110 New Electrical Engineering and Electronics Facility
- 130 Redevelopment and Extension of School of Engineering
- Refurbishment and Extension of Mathematics Building
- 107 111 Redevelopment of Department of Chemistry
- 64 Refurbishment of Department of
- 127 Physics Building
- XX New University of Liverpool Mathematics School (interim)



REDEVELOPMENT AND EXTENSION OF SCHOOL OF ENGINEERING

Key new corner building on Brownlow Hill that provides additional showcase space for engineering, together with opening up the ground floor of the existing Mechanical Engineering building to create a more public-facing facility.



REFURBISHMENT AND EXTENSION OF SCHOOL OF ENVIRONMENTAL SCIENCES

A modern facility with additional laboratory provision which will enable co-location of departments and provide an enhanced facility for the School.



NEW ELECTRICAL ENGINEERING AND ELECTRONICS FACILITY

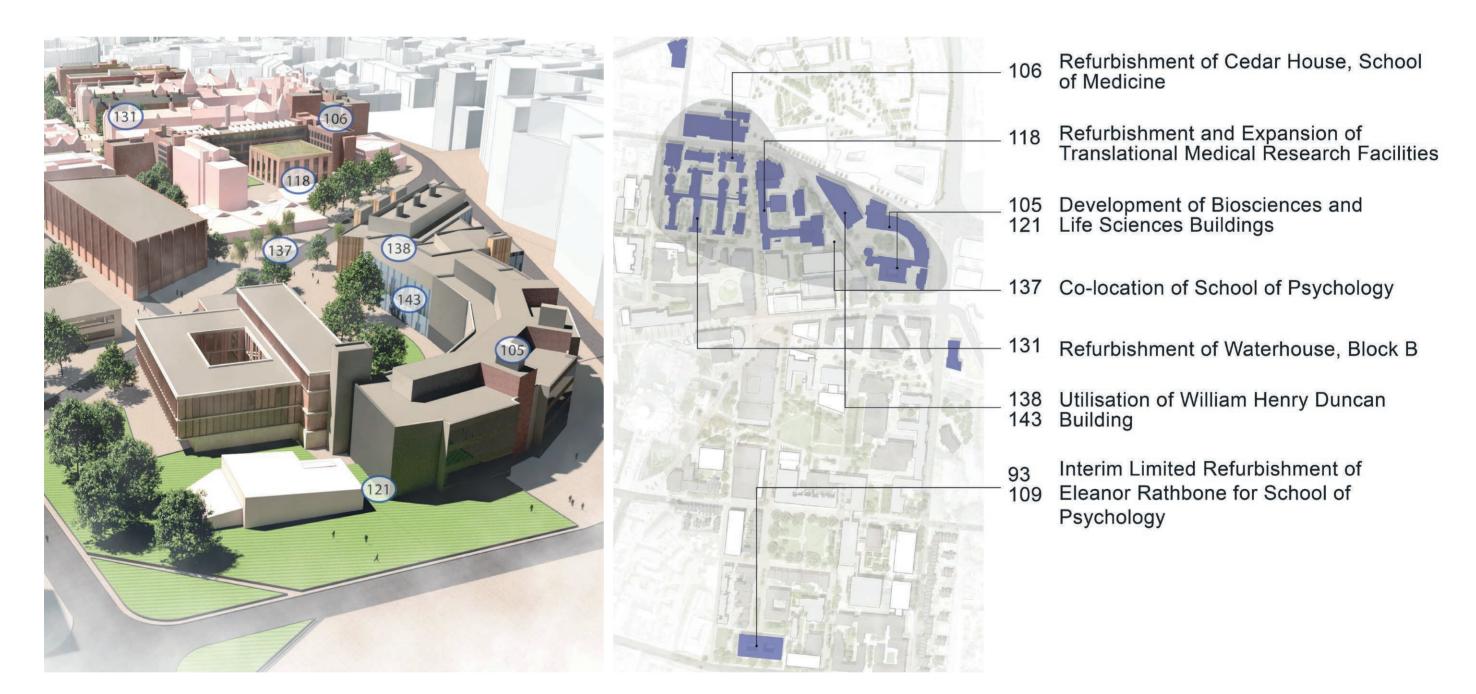
New departmental facilities with improved co-location into Science and Engineering zone. This will link refurbished Derby and Hartley buildings to a new atrium building on the west side to provide state-of-the-art facilities.



HEALTH AND LIFE SCIENCES ZONE

The Health and Life Sciences Zone occupies an array of buildings from different periods across the northern perimeter of the main campus, and forms part of an important north eastern frontage. As an area that has seen a significant number of new buildings in recent years, this Masterplan envisages a programme of refurbishment and upgrade to existing facilities.

In addition, work is currently underway to consider a larger-scale estates investment for Health and Life Sciences, which would be aligned to, but sits outside, the scope of this Masterplan. These plans will blend community investment with the University's strengths in healthcare, teaching, research and impact in order to address health inequalities within the City Region.



REFURBISHMENT OF CEDAR HOUSE, SCHOOL OF MEDICINE

Refurbishment of the current building, with improvements on the ground floor to form a more welcoming and attractive entrance.



Cedar House CGI

DEVELOPMENT OF BIOSCIENCES AND LIFE SCIENCES BUILDINGS

Refurbishment of the existing buildings and expansion into William Henry Duncan building.



Aerial view of Health and Life Sciences

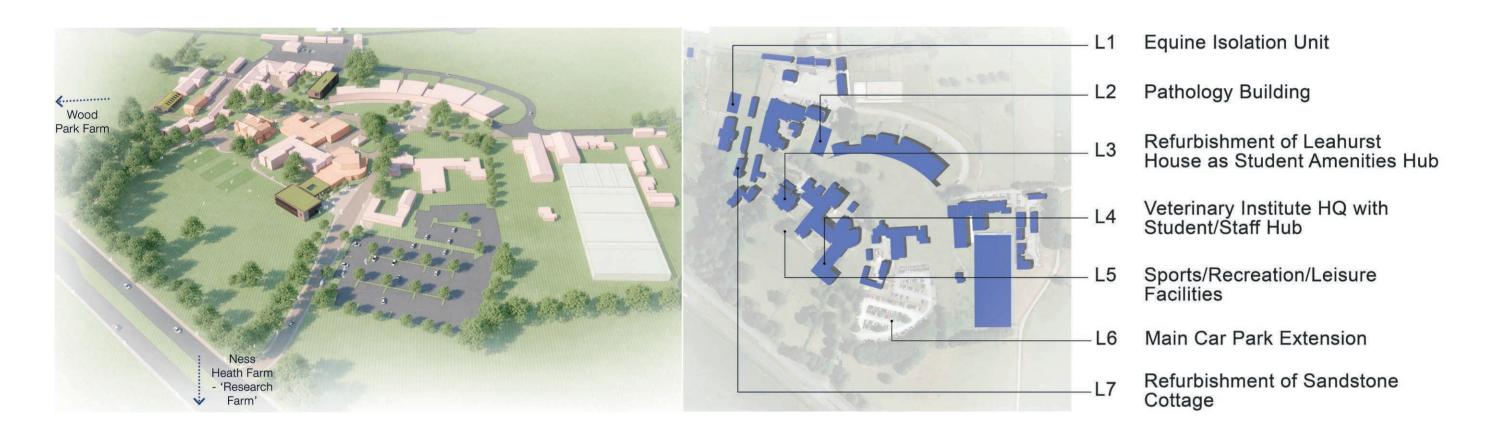


HEALTH AND LIFE SCIENCES ZONE - LEAHURST CAMPUS

Leahurst is a specialist campus located near to Neston on the Wirral, 12 miles south of Liverpool. Comprising 2 'first-opinion' practices, 2 referral hospitals and 2 working farms, the campus is home to the Institute of Veterinary Science, a major and leading centre for academic teaching and research.

Short-medium investment will facilitate a phased strategy combining demolition, refurbishment of existing facilities and the construction of a small number of new buildings.

Medium-long term plans will include further development, predominantly in research facilities and the two farms.





NEW EQUINE ISOLATION UNIT

Alongside improved student and staff recreation facilities, the development of a new Equine Isolation Centre will be integral to achieving US and Royal College accreditation and establishing the University of Liverpool as the 'School of Choice' for Veterinary Science, both nationally and internationally.



NEW PATHOLOGY BUILDING

Potential for a new Pathology Building to strengthen the School's reputation as a Centre of Excellence in diagnosis, treatment, research and innovation.



NEW INSTITUTE HQ & SOCIAL LEARNING SPACE

Public realm enhancements to create a more welcoming arrivals zone with a new HQ building at the 'front door' of campus to raise the profile of the Veterinary Institute. Student and staff hub to include a library and outreach facility.



WHAT DO YOU THINK?

We are excited about our long-term vision for the campus which builds on feedback from staff, students and key stakeholders.



In earlier consultations, staff and students said that they wanted the estate to enable a sense of community, to feel inclusive and accessible and to prioritise green space. This Masterplan seeks to respond to this feedback and many of the other suggestions raised.

The campus will be zoned by faculty, providing clear communities for students and staff. We are also proposing a significant increase in green space, courtyards and event spaces to provide a range of opportunities for staff, students and visitors to come together and enjoy the campus.

The Masterplan also includes clear plans and commitments to enhance accessibility and further promote equality, diversity and inclusivity across our campuses.

In addition to improving the campus' links to the City and encouraging greater visitor interaction with the campus, this £1billion investment will provide important economic benefits for the region, creating employment opportunities and using local suppliers and resources.

WE NEED YOUR FEEDBACK

LIVERPOOL CAMPUS

Staff from Facilities, Residential and Commercial Services and the Masterplan's architects, Feilden Clegg Bradley Studios, together with P4 Planning and Planit, will be available 12pm-1pm and 2pm-3pm on Wednesday, 1 May and Friday, 10 May in the Street in the Guild of Students to answer questions and hear feedback.

In addition, presentations on the Masterplan will take place at the following times for staff and students:

Wednesday, 1 May, 1-2pm, Mandella room, Guild of Students

Friday, 10 May, 1-2pm, Lecture Theatre D in the Central Teaching Hub.

A feedback session for the general public will take place on Wednesday, 1 May, 5-7pm in the Bronte Youth and Community Centre, Trowbridge St.

LEAHURST CAMPUS

On Wednesday, 22 May staff from Facilities, Residential and Commercial Services and the Masterplan's architects, Feilden Clegg Bradley Studios, will be available 3-7pm in the Leahurst lecture theatre to answer questions and hear feedback.

ONLINE

Please visit https://www.liverpool.ac.uk/facilities-residential-and-commercial-services/masterplan-estate-strategy to feed back online.