Northern Research Campus

Majority of the teaching facilities expansion are fulfilled by the northern campus expansion.

Colleges

To preserve the collective memory of the alumni and valuable tradition, no major modification works are proposed to the 4 main Colleges. Future hostel need is mainly fulfilled by new Colleges proposed.

Central Library and the Beacon

Traditionally to be the Heart of the Campus, its importance is further reinforced with the introduced Northern Campus Spine intersecting with the existing Central Campus Spine.

The Mall

With the sacred position of this area in the history of the Chinese University, the buildings within the Mall are proposed to preserve as existing. Nevertheless, the environment can be significantly improved with the removal of on-street-parking and vehicular traffic, major upgrading work on the landscape design of the Mall and teaching facilities at the eastern side of the Mall are proposed.

Recreational Centre

The traditional location of Recreational facilities is maintained and further reinforced by new and better facilities and connection.

Origin of the Chinese University

Chinese University traces back its origin at the present location of Chung Chi College. Wei Yuan Lake and the Sportsground provide visual focus and openness to the Southern Campus. A covered pedestrian route is proposed to link up various building in Chung Chi College and no building is proposed within this pedestrian ring route in order to preserve the historical character of this part of the Campus.
無車校園
Vehicles-Free Campus

綜合運輸北站
Transport Node ‘N’

綜合運輸東站
Transport Node ‘E’

綜合運輸西站
Transport Node ‘W’

綜合運輸南站
Transport Node ‘S’
電動或混合動力巴士
Electric powered or Hybrid Buses

電動汽車
Neighbourhood Electric Vehicles
New Canopy

Barrier Free Access

Vehicular Free Central Avenue
Continuous Development of College System
新建書院連接逸夫書院
及聯合書院
New College Linking Shaw College & United College

晨興書院及善衡書院綜合
康樂中心
Integrated Amentiy Centre for Morningside College and S.H. Ho College

校園北區大廈連接中央校園及
聯合、新亞書院
Northern Campus Spine Connecting Central Campus and United, New Asia College

南區校園大廈連接崇基人行
走廊及中央校園
Southern Campus Spine Connecting Central Campus & Chung Chi College
THE CHINESE UNIVERSITY OF HONG KONG

2007

2012

2021 校園架構
Campus Organization

THE CHINESE UNIVERSITY OF HONG KONG

2021 and Beyond

THE CHINESE UNIVERSITY OF HONG KONG

2021 校園架構
Campus Organization
Utilization of Renewable Energy

Wind Power, Solar Power & Stream Water Hydro Power Building System at Northern Campus
太陽能發電
Solar Power Strategy

風力發電
Wind Power Strategy

水利發電
Stream Water Hydro Power System

主要風向
Prevailing Wind

風向
Wind Direction

夏天日照
Summer Sun

冬天日照
Winter Sun

雨水循環再用
Rain Water Recycle

環保用料
Recycled Material

可滲透地磚
Ecological Paving

溫室效應
Green House Effect

碳循環
Carbon Cycle

Green Roof with Solar Collector Panels at Residential Buildings

Green Roof at Teaching Buildings & Other Buildings

Green Roof as Landscape Podium

Buildings with Wind Farm
Energy Consumption

Using the GFA and the energy footprint benchmark from EMSD, the annual energy consumption excluding open space is estimated to be 242,944 MWh annually for the 2021 campus for the business as usual case. The incorporation of the renewable energy technology described in this preliminary report combined with a 20% reduction in energy demand based on sustainable design leads to a lower energy campus consuming 212,684 MWh annually. This equates to a saving of 12% in energy consumption (11% CO₂ reduction equivalent).
國際級研究大學
Comprehensive Research University
綠化現有林蔭大道
保留現時校園本部文化
Refurbishment of Existing University Mall &
Strengthen Existing Culture of Central Campus

無車校園
Vehicular Free Campus
海天一色的校园景緻
A Verdant Campus
無車校園
Vehicular Free Campus

校車服務，沿環校東路
Shuttle Bus Service along Campus Circuit East Road

綜合運輸北站
Integrated Transport Node-North

校東區大運
Northern Campus Spine

香港科學園
Hong Kong Science Park