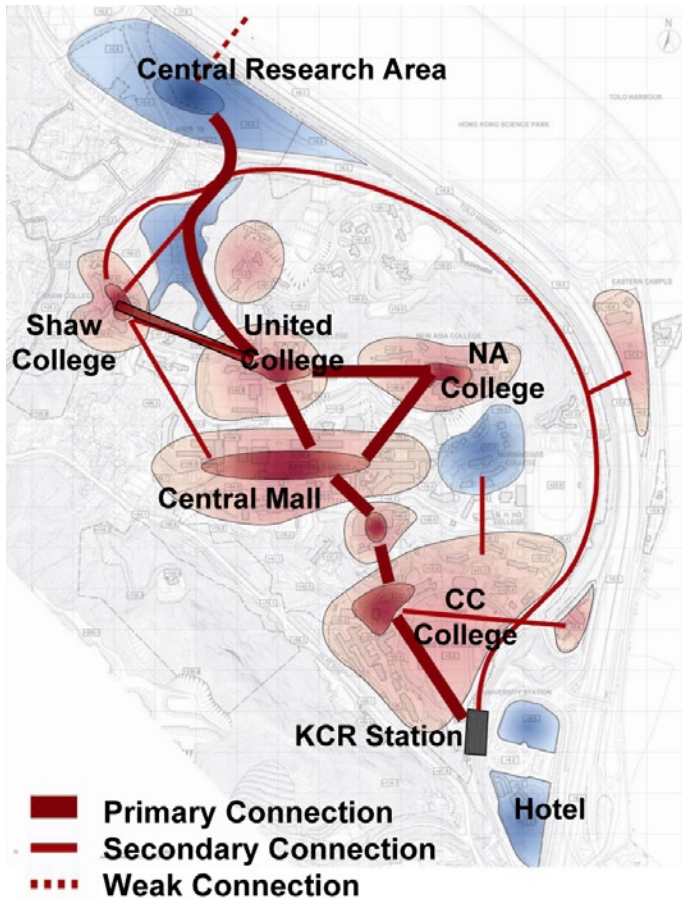


# CUHK PRELIMINARY MASTER PLAN PROPOSAL

## STRATEGY

This visionary master plan proposal sets a framework for CUHK to develop into a leading International research University while keeping intact the university's unique identity and its core collegiate system.

The key idea of the new plan is to tie the whole campus together as one community using an exciting pedestrian network (using covered walkways, outdoor escalators and lifts) while allowing the individual colleges to flourish with the development of new activated town squares. The town squares



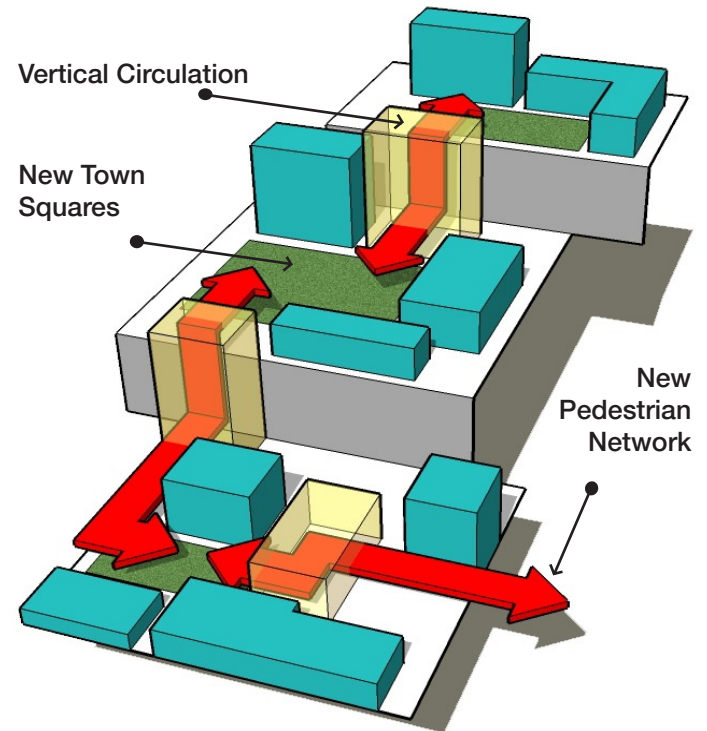
### CONNECTED CAMPUS

## INNOVATIONS

Traditional learning environments are giving way to changes in transforming educational pedagogues. Students increasingly learn from a variety of sources from professors, to peers, to the internet. To cater to the changes in the way students learn, new educational spaces have been injected into the new CUHK Masterplan. These are urban areas, casual spaces and more formal areas both internally and externally.

incorporate facilities such as cafeterias, learning spaces with wi-fi access and landscaped casual meeting spaces to promote a new vibrant campus life style.

Great university campuses display a particular quality in their spaces which is similar to great cities. This may involve great architecture, but more particularly, the spaces between the buildings have an urban quality where the buildings collectively create a network of open spaces, squares, gardens and streets which become the primary experience of the campus.



## KEY FACTORS

Six key design principles are adopted to take the university forward into a new age of learning.

1. **World Class Campus.** This sets the goals of the Masterplan at the highest levels of International Design.
2. **Pedestrian Friendly.** This allows students to move through the campus and interact without having to take a bus.
3. **Active Town Squares.** These squares promote exciting college spaces and activate the campus.
4. **Minimise Building Footprint.** The Masterplan inserts the minimal amount of new buildings and keeps the existing heritage buildings intact.
5. **Green Campus.** The design promotes the fantastic green campus and preserves the natural feeling.
6. **Flexible over Time.** This allows the University to grow in stages all the while becoming a better campus and an international destination for staff and students.



## STRENGTHS

**Connectivity** – The current Campus is a series of disconnected areas that are located on a steep terrain. This inhibits students from walking between different colleges and the central campus. One of the main strengths of the new University Masterplan is that it provides a strong pedestrian spine that connects the various areas together.

**Social interaction** - In promoting walking around the campus, the student and staff population will have increased social interaction. When this is tied into the network of urban spaces specially created for discussions, study, reflection and play – the campus life will flourish.

**College system** - CUHK’s unique learning culture of independent colleges is similar to the ones of top international universities, such as Oxford and Cambridge. The Masterplan proposal has reinforced this system as the college culture of CUHK is maintained, emphasized and activated.

**A focused laboratory cluster** – Area 39 has been designed to incorporate a critical mass of laboratory research facilities to attract and retain key individuals globally. The residential areas have been relocated from this area to enable this to occur.

## REQUIREMENTS ADDRESSED EFFECTIVELY

**Planning guidelines** including heritage conservation, landscape and ecology preservation, environmental sustainable design are devised for a framework that all future expansion work shall work within.

**Green campus** - The CUHK possesses a wealth of high quality ecological resources within its campus. In formulating the master planning design of CUHK, all ecological resources have been preserved. The plan also allows for special raised walkways located to highlight the natural environment.

**Heritage** – In the Masterplan proposal demolition of existing buildings is minimized to maintain the heritage aspects of the campus. The impact of construction and disturbances is thus also reduced to the minimum in consideration of the day-to-day functioning of the campus.

**Traffic** – A traffic minimisation policy has been proposed to reduce the number of cars on campus. This will allow the existing road network to be used despite the additional growth. New car parks have been located on the perimeter of the campus and a “park and walk” or “park and ride” policy will be promoted to the campus community.

**Sustainability** – The planning guidelines shall ensure that all new external and building developments adopt sustainability principles as a basis of their inception.



## CONCLUSION

A striking natural campus with college communities is what makes CUHK unique. Our Masterplan preserves this character, and enhances it for generations to come.