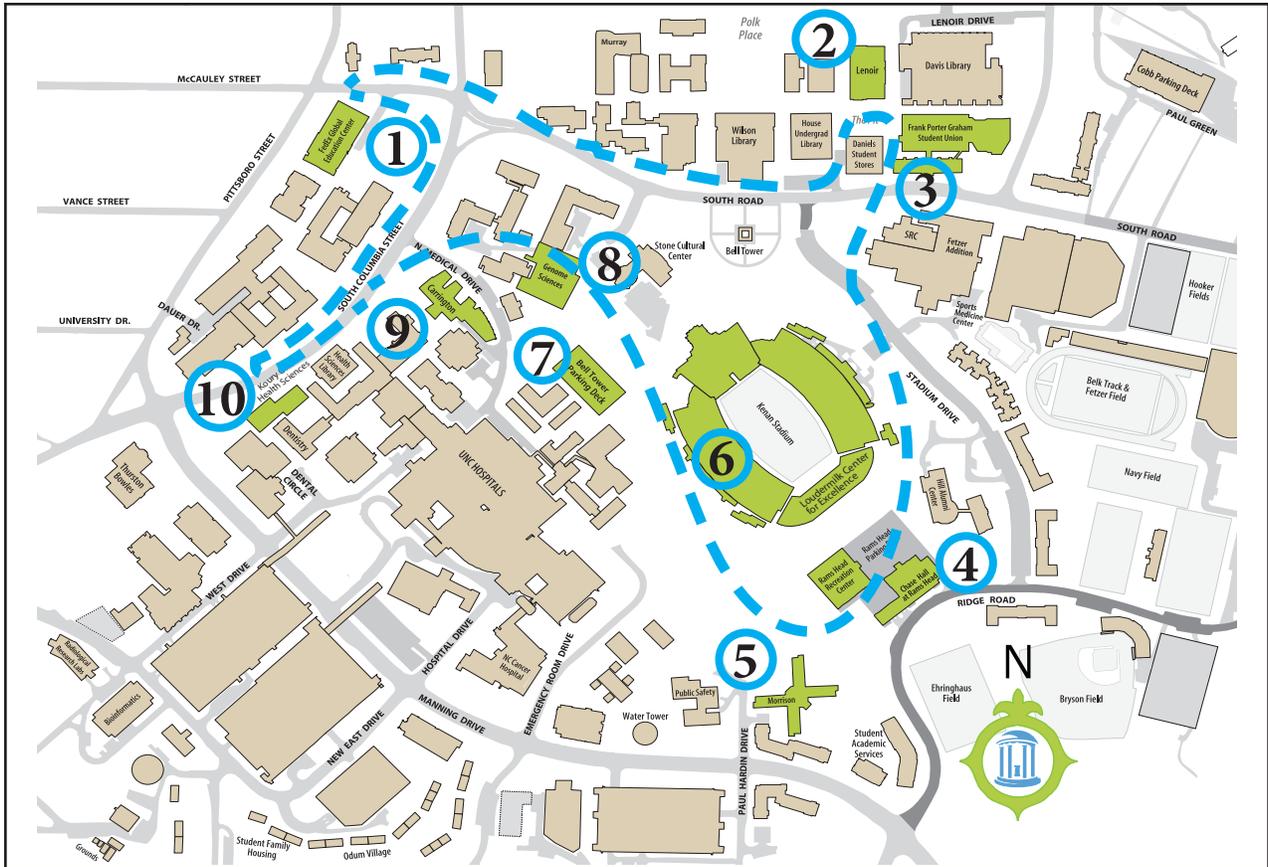


Sustainability Walking Tour of UNC-Chapel Hill

sustainability.unc.edu



1. FedEx Global Education Center

Completed in 2007, this building includes a 3-story atrium that provides natural lighting for much of the building, 2 green roofs that collect stormwater, bathrooms which reuse rainwater to flush toilets, and local building materials such as slate, maple, and cherry wood.

2. Lenoir Dining Hall

Dedicated to sustainable food and dining practices, the dining hall features Energy-Star kitchen equipment, LED lighting, vegetarian and vegan options, and sustainably-sourced dinnerware. Carolina Dining Services uses a food pulper to remove excess water from post-consumer waste and practices composting, significantly reducing food waste.

3. Frank Porter Graham Student Union

This building features a 100% recyclable, long-lasting zinc roof and stone planters that absorb stormwater and provide green space. Inside, Alpine Bagel cafe serves fair-trade, shade-grown, organic coffee.

4. Rams Head Plaza

This plaza sits on the roof of a 3-story, 700-space parking deck. It features a green roof designed to absorb and reuse rainwater. The dining hall offers a range of vegetarian options and uses a composting system for food waste. The firm that composts the food also collects and uses the waste cooking oil for fuel.

5. Morrison Residence Hall

The building's 2007 renovation included local and recycled building materials as well as a monitoring system to educate residents about their energy and water use. Its solar thermal panels are the first renewable energy technology at UNC and provide up to 60% of the building's hot water. In 2010, the building won the EPA's first National Building Competition.

6. Kenan Stadium

The water used to irrigate the football field is provided by harvested rainwater.

7. Bell Tower Parking Deck

This building is the first on campus to be lit entirely with high-efficiency LEDs. It also features photovoltaic arrays that light the stairwells.

8. Genome Sciences Building

This LEED Gold-certified building utilizes innovative technologies to improve energy and water efficiency and enhance occupant comfort, including a green roof, vertical solar fins, active chilled beams, and non-potable water supplies. The Bell Tower amphitheater, in front of the building, sits on top of a 710,000 gallon stormwater storage and reuse system.

9. Carrington Hall

Completed in 2005, this building was the first in the UNC system to receive LEED certification from the U.S. Green Building Council. It features a green roof, water efficient fixtures, paneling and cabinets constructed using wheatboard, and recycled content featured in at least 5% of the materials used.

10. Koury Oral Health Sciences Building

The Dental Commons is a soaring skylit atrium framed by new and existing buildings. Koury is the first building on campus to capture and use condensate water from mechanical equipment. This building uses 42% less water than standard buildings of comparable size.