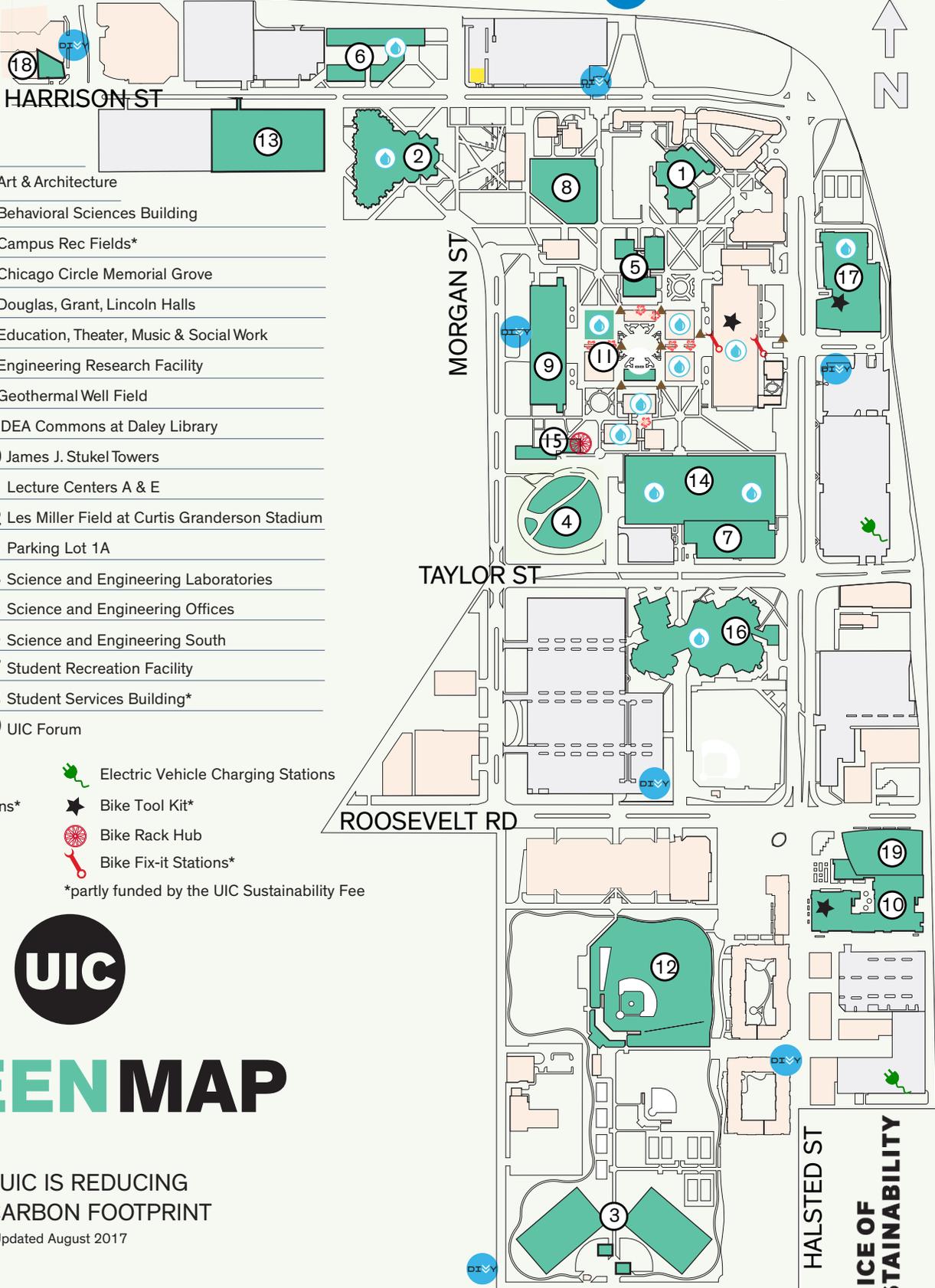


EAST SIDE



Renewable Energy (Geothermal/ Wind/ Solar)
Native & Pollinator-Friendly Landscaping
Water Conservation
Energy Efficient Buildings & Indoor Spaces
Green Roofs



- 1 Art & Architecture
- 2 Behavioral Sciences Building
- 3 Campus Rec Fields*
- 4 Chicago Circle Memorial Grove
- 5 Douglas, Grant, Lincoln Halls
- 6 Education, Theater, Music & Social Work
- 7 Engineering Research Facility
- 8 Geothermal Well Field
- 9 IDEA Commons at Daley Library
- 10 James J. Stukel Towers
- 11 Lecture Centers A & E
- 12 Les Miller Field at Curtis Granderson Stadium
- 13 Parking Lot 1A
- 14 Science and Engineering Laboratories
- 15 Science and Engineering Offices
- 16 Science and Engineering South
- 17 Student Recreation Facility
- 18 Student Services Building*
- 19 UIC Forum

- Bike Share Locations
 - Water Bottle Fill Stations*
 - Heritage Garden*
 - Off-Grid Bus Shelter*
 - Solar Recycling Bins*
 - Electric Vehicle Charging Stations
 - Bike Tool Kit*
 - Bike Rack Hub
 - Bike Fix-it Stations*
- *partly funded by the UIC Sustainability Fee



GREEN MAP

HOW UIC IS REDUCING
OUR CARBON FOOTPRINT

Updated August 2017

go.uic.edu/greentour

1/8 MI

HALSTED ST

OFFICE OF
SUSTAINABILITY



LANDSCAPING & WATER CONSERVATION

One of the first things you'll notice on campus is the striking number of trees. UIC is proud to host approximately 4,500 trees and has TreeCampus USA designation from the Arbor Day Foundation. These trees are estimated to sequester 70,000 pounds of CO₂ annually, helping reduce UIC's climate change impacts.

Landscaping around campus often uses native or drought-tolerant plants, reducing need for some sprinkler systems and serving to absorb stormwater runoff. Examples of this landscaping are at **Student Recreation Facility**, **Douglas Hall** and **Lincoln Hall**. The south end of **Lincoln Hall** is especially beautiful during warmer months, when many birds and butterflies spend time in the bioswale, drawn by the blooming of native prairie plants. Permeable pavement make up the drive lanes inside **Parking Lot 1A** as well as the pathways weaving between **Douglas Hall**, **Grant Hall**, and **Lincoln Hall**, allowing water to pass underground and eventually replenish Lake Michigan. In **Lincoln Hall** and **Douglas Hall**, the toilets have handles where users pull up to flush liquids and push down for solids - another water saving trick!

Beneath the **UIC Forum** and **James Stukel Towers** lies a rainwater harvesting system. This system uses underground tanks to capture rainwater and hold it for use in landscape irrigation around the buildings; in case the tanks fill up before use, the system is designed to hold excess water and overflow into the municipal sewers.

RENEWABLE ENERGY

The rooftops of **Douglas Hall** and **Lincoln Hall** boast a total of 469 solar photovoltaic panels that use the sun's energy to provide a portion of the buildings' electricity needs. The amount produced annually by both buildings is enough to provide electricity for almost seven average 2-bedroom apartments!

There are 2 off-grid light fixtures near the **Campus Recreation Fields**. Each LED light pole features photovoltaic solar panels and a wind turbine that has the battery capacity to last up to 5 nights!

Inside the **Student Recreation Facility**, you will find work-out equipment that is powered by YOU! Kinetic energy from your workout is eventually turned into electricity can then be used to power the building!

BUILDINGS & INDOOR SPACES



LEED (Leadership in Energy & Environmental Design) is the US Green Building Council's rating system for design, construction and maintenance of high performance, energy efficient, and green interiors, buildings, and communities. In 2010 **Lincoln Hall** became UIC's first LEED-certified building, earning Gold certification, and one year later, **Douglas Hall** also earned LEED-Gold certification. Since then, UIC has pledged to follow LEED standards in small projects where possible and to pursue a minimum LEED Silver certification for all large capital projects.

LEED buildings include the full range of sustainability features found in many buildings around campus: efficient building systems that include LED or fluorescent lighting, air ventilation systems, or light/motion sensors (such as those found in the **IDEA Commons** within the **Daley Library, Education, Performing Arts & Social Work** and **Lecture Centers A & E**); large windows to maximize natural light; energy from renewable resources (like solar panels); water-efficient systems and landscaping (outside the **Student Recreation Facility, James J. Stukel Towers** and the **UIC Forum**); use of recycled or sustainably harvested materials for flooring and workspaces; and low-VOC (volatile organic compound) paints and glues, improving indoor environmental quality. UIC is partnering with Ameresco on an Energy Savings Performance Contract (ESPC) to upgrade **Science and Engineering Labs, Science and Engineering South, Science and Engineering Offices**, and the **Engineering Research Facility**. UIC is expected to save the equivalent of 18,979 metric tons of carbon dioxide per year!

GREEN ROOFS

A green roof is a structural surface covered with plants and vegetation. Green roofs are more attractive than traditional roofs; they reduce the Urban Heat Island Effect (a phenomenon where cities become warmer due to dark surfaces of city infrastructure, increasing air conditioning and energy needs that produce pollution and greenhouse gases); they insulate a building and lower heating/cooling demands; and they reduce the amount of stormwater runoff by absorbing rainfall before it enters the sewers.

Green roofs are accessible in the **Education, Performing Arts & Social Work** building plaza area and the **Behavioral Sciences Building**. Viewable green roofs are also on the **Art & Architecture Building** and **James J. Stukel Towers**.

SUSTAINABILITY FEE PROJECTS

Beside the **Water Bottle Chair, Food Insecurity Research**, the **outdoor lighting fixtures**, and **bike fix-it stations & tool kits**, there are a number of projects funded by the UIC **Sustainability Fee**. These are student fees that reduce UIC carbon footprint.

Water bottle refill stations are bottle fillers that save money spent on plastic water bottles. The **UIC Heritage Garden** is a hands-on learning project with an internship program connecting horticulture with environmental sustainability, cultural diversity, and social justice. The **off-grid bus shelter** generates its own electricity with 100 W photo-voltaic modules mounted directly to the shelter roof, producing 230 kWh. Finally, the **Big Belly solar compactors** are trash and recycling bins that utilize solar energy to compact trash and recyclables so that less pickups are necessary, thus reducing carbon emissions from the UIC recycling trucks.

Office of Sustainability

TRANSPORTATION OPTIONS



UIC does its part to increase the use of **public transportation** by offering the CTA U-PASS for all full-time students. The U-PASS provides unlimited rides on any CTA bus or train during the school year. CTA trains (Blue & Pink lines) and many CTA buses stop on the campus, making UIC one of the most transit-friendly public research institutions in the country. Faculty and staff who use public transit can take advantage of a pre-tax transit benefit through their earnings.

Bicycling is the most energy efficient form of transportation and has no carbon footprint. Students can park their bikes at any one of the 800 bike rack spaces on campus, located near almost every building. There are several bike amenities available to the UIC community including bike fix-it stations, air pumps, and a bike rack hub... just to name a few!

If you don't own a bike, there are several bike share stations (Divvy) located across campus. Divvy is Chicago's bike sharing system that has 6,000 bikes and 600 stations across the city. A Divvy Membership is discounted for UIC students and staff!

The **UIC Shuttle Bus** system provides transportation between East, West, and South sides of campus. Used by students, faculty and staff, all one needs to board is a UIC I-card.

When you need a vehicle's added cargo capacity, and public transit or bicycles are not an option for a longer trip, use car-sharing. Both **car-sharing** services in Chicago, **Zipcar** and **Enterprise Car-Share**, have cars parked on campus, including some electric vehicles. Own your own electric car? UIC provides charging stations at the **Taylor Street, Maxwell Street** and **Paulina Street parking structures**.



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