

Sustainability at UMass Lowell



Orientation Leader's Overview
05/18/2016

Sustainability at UMass Lowell

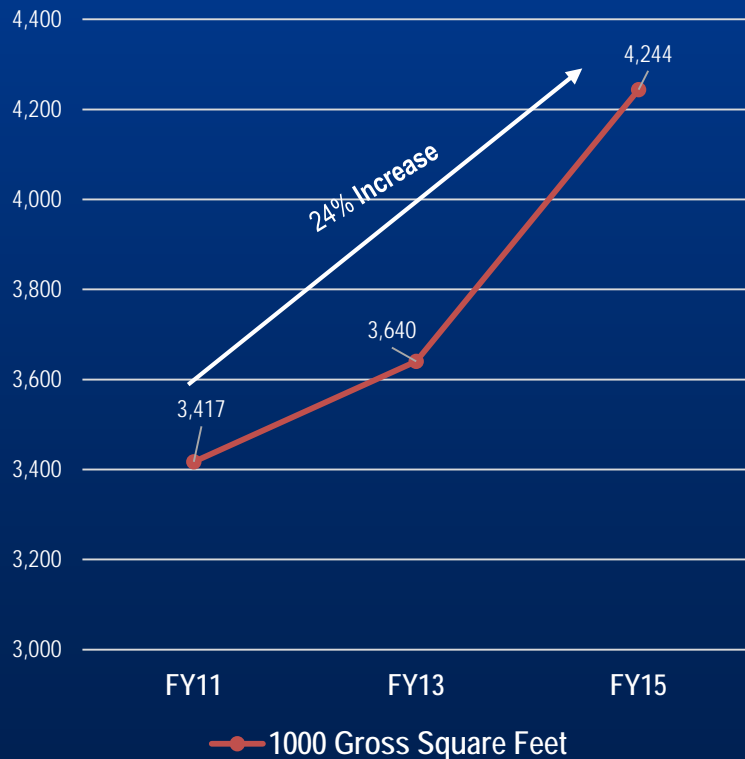
UMass Lowell is committed to excellence in teaching, research and community engagement. Sustainability is at the core of this mission:

- Academics & Research
 - 500 + courses that address sustainability.
- Industry leading sustainability, climate neutrality, and clean energy research continues to grow through our various research centers including:
 - The Climate Change Initiative
 - Center for Wind Energy
 - Toxic Use Reduction Institute
 - Lowell Center for Sustainable Production
- Sustainability related academics and research at UMass Lowell focus on discovery, education, and policy, all to help advance new technologies and critical decision-making to address challenges facing the region and the world.

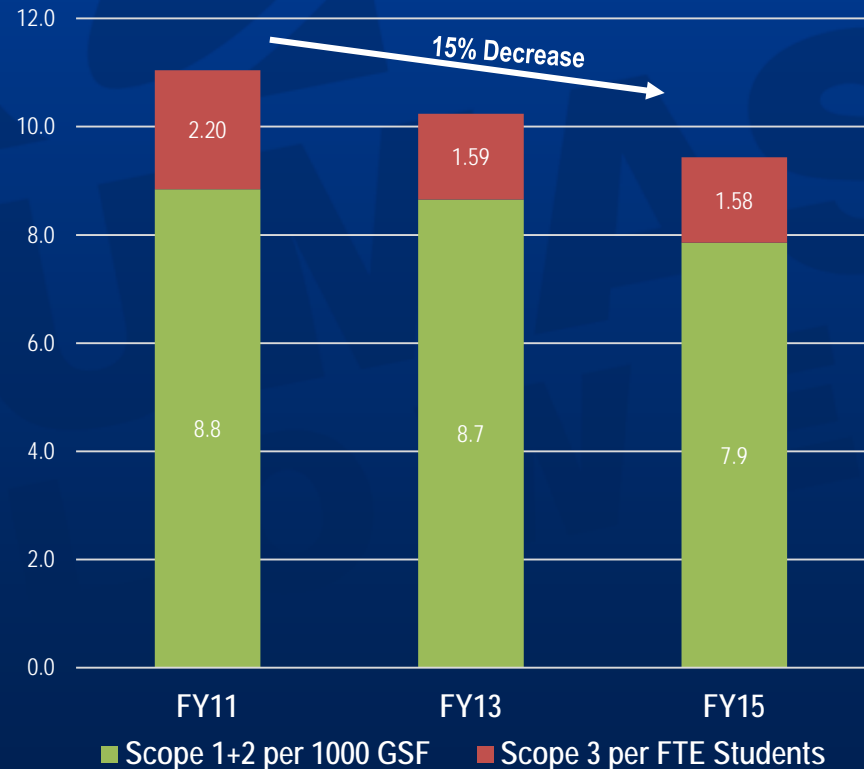
Campus Engagement & Operations

Campus Growth / Significant GHG Reductions

Campus Size



Normalized GHG Emissions



Campus Engagement & Operations

UMass Lowell as Living Lab

- Commitment to Climate Neutrality by FY2050
- UMass Lowell met its FY2020 Carbon Reductions in FY2015



Sustainability Highlights

UMass Lowell's expansion has been anchored by the addition of many USGBC LEED Certified Buildings and LEED standard sustainability-focused renovations, retrofits and upgrades e.g. University Crossing green roofs, daylighting technology, water conservation features.

We have reduced our Energy Use Index by 13.8% since FY2011 and 29% since FY2005. Fuel combustion emissions per square foot have decreased by 19.3% since FY2011.

The \$27 million Accelerated Energy Program (AEP), the largest AEP in the state, will further reduce emissions and energy use by implementing energy efficiency and renewable energy projects on campus. The AEP will lower the university's energy and water bills by nearly \$1.5 million annually.

UMass Lowell is recognized as "Bicycle Friendly University" by the League of American Bicyclists (LAB), joining Harvard University and the Massachusetts Institute of Technology as the only schools in the state to earn the distinction.

UMass Lowell is Tree Campus USA – recognizes our commitment to managing our extensive portfolio of trees on campus in a sustainable manner.

Point out the Riverhawks as an example of biodiversity on campus. Apex predator supported by wide diversity of flora and fauna on campus.

Sustainability Partnerships In Action

Success Story: Lowell Canal Bridges TIGER Grant



- Partnership between UMass Lowell, City of Lowell and MA Congressional Delegation
- Strong Congressional support and leadership resulted in \$13.4m TIGER Grant award
- Transformative project that will result in significant environmental, economic, social and cultural benefits

- ▶ TDM efforts including bike share, zipcars, parking management, and the largest transit system in the region all contribute to sustainability.

Transportation Services at UMass Lowell



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Transportation Services

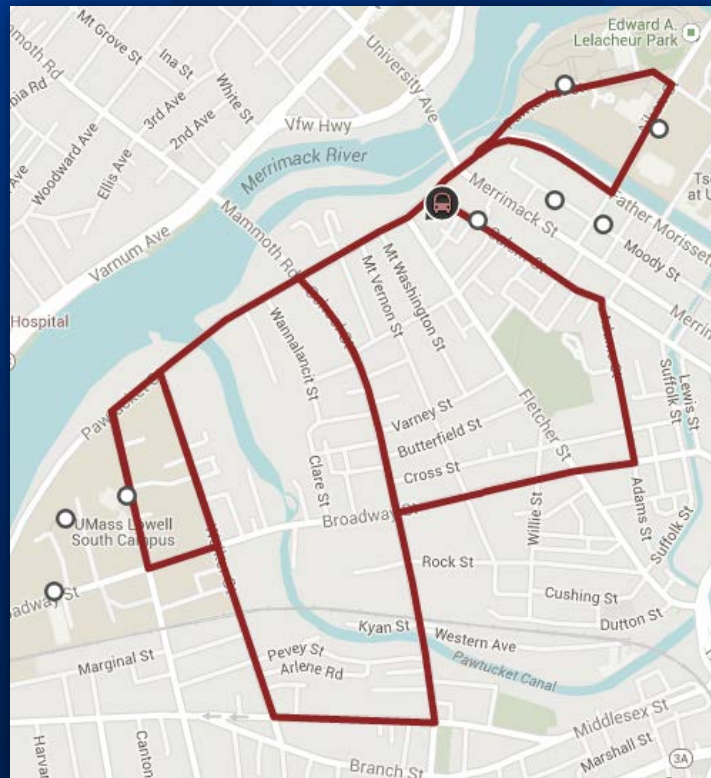
Overview

- The Mission of UMass Lowell Transportation Services is to provide consistent, prompt and professional service to all members of the UMass Lowell Community.
- Transportation services provides more daily rides than the LRTA! (around 8,000 on a normal weekday)

Transportation Services

Resources

- Office dispatch: 978-934-2222
- uml.edu/routes or the Roadster Routes app



Transportation Services

Services Provided

Weekday Service

Hours: Monday – Friday: 7am - 7pm

Blue Line: North, University Crossing, South

Red Line: East, University Crossing, South

Yellow North: ICC, Merrimack St Apts.*, Aiken St. @ USuites, North

Yellow South: ICC, South

Green North: EML Apts, North

Green South: EML Apts, South

Purple Line: North, Ayotte Garage, University Suites

Transportation Services

Services Provided

Night, Weekend, & Holiday Service

Hours:

Monday – Wednesday: 7pm – 2am

Thursday – Friday: 7pm – 2:30am

Saturday: 9am – 2:30am

Sunday: 9am – 2am

Holiday Schedule: 9am – 2am

Red Line: East, University Crossing, South (O’Leary, Sheehy, Riverview Suites), Drum Hill (Specific Hours)

Yellow East: Inn and Conference Center, East, University Crossing

On-Call: Gallagher Train Station, Downtown LRTA Stops

Green East: East, North, East Meadow Lane, University Crossing

On Call Stops for all Night Service Lines:

University Suites, Wannalancit Mills, Tsongas Center, Moody & Merrimack St Apt’s

Transportation Services

Drum Hill & Downtown Express

Drum Hill:

We offer convenient weekend shuttle service to the Drum Hill Shopping Center in Chelmsford MA. The Drum Hill Shopping Center features leading retailers including Walmart, The Paper Store, and Hannaford.

Saturday & Sunday: 10 a.m. to 5 p.m.

Downtown Express:

Transportation offers south campus residents a quick way to get downtown! The downtown express line travels from the South Campus Bus stops to our Downtown Stop on Market St.

Wednesday - Friday: 8 p.m. to midnight



Transportation Services

Lowell Regional Transit Authority

Line 6 – Gallagher Train Station to South Campus

Line 7 – Gallagher Train Station to North Campus

Line 9 – Gallagher Train Station to East Campus

Yellow East Line stops at the train Station:

Monday – Friday	7pm – close
Saturday	5pm – close
Sunday	9am – close

Fares:

\$1.00 travel in Lowell

\$1.50 travel out of Lowell

\$0.25 transfers at the Gallagher Station

Transportation Services is not permitted to go to the train station while the LRTA is operating!