

Duke University/Facilities Management

Tree Management Program

Duke University's master plan establishes principles and goals to ensure a safe and aesthetically pleasing campus for visitors, students, faculty and staff. With this vision, Duke became a "University in the Forest", paying special attention to its trees. In 2008, we have received the "Tree Campus USA" designation from the Arbor Day Foundation. The criteria for this recognition include a comprehensive tree care program; community outreach; and tree planting events.

In April of 2012, we continued our long tradition of forest stewardship and set off to develop a more robust tree program. We divided the campus into three priorities based on how the campus is used and how intensively we manage our trees. These are:

1. High Use – Designated pedestrian and vehicular routes and campus facilities
2. Intermediate Use – Campus spaces accessible for passive activities
3. Low Use – Natural areas, forests, and wetlands.

These priorities help guide the formation of our management plan, and reflect the diversity of ways we interact with our University in the Forest.

Trees by the Numbers

The following table indicates the status of our inventory, tracking, project, and preventative maintenance work.

TREE FACT SHEET: From Jan 2012- October 2013			
Inventory	High Use	Intermediate Use	Low Use
Inventoried	6,275	4,800	-
Remaining	650	1,300	-
Maintenance			
<i>Scheduled Removals</i>	18	1852	355
<i>Pruned for health, safety, structure</i>	653	200	-
<i>Accelerated Removal</i>	8	15	-
<i>Replanted</i>	152	3	350
<i>Repurposed</i>	10	1558	150
<i>Use of repurposed trees, in order of preference</i>	<ol style="list-style-type: none"> 1. Sent to mill for use onsite and for future projects 2. Used in raw form onsite for structures and habitat enhancement 3. Sold to support the Duke Forest 4. Donated to the Duke Community for firewood and woodworking 5. Ground into mulch for use on campus 6. Given to the city to grind for mulch 		

Next Update January 2014