

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 has established itself as a "University in the Forest" thus paying special attention to its trees. Since 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 or campus facilities
2. Intermediate Use – Campus spaces accessible for passive activities
3. Low Use – Natural areas, forest, 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: As of April 2014			
Inventory	High Use	Intermediate Use	Low Use
Inventoried	6,275	4,825	
Remaining	650	1,300	
Maintenance			
<i>Scheduled Removals</i>			
2014	8	10	
2013	7	6	350
2012	9	1846	5
<i>Pruned for health, safety, structure</i>			
2014	153		
2013	342	125	
2012	500	75	
<i>Accelerated Removal</i>			
2014	5		
2013	7	8	
2012	1	7	
<i>Replanted</i>			

<i>2014</i>	1816		
<i>2013</i>	996 (844 from stream restoration)		
<i>2012</i>	125		
<i>Repurposed</i>	10	1558	150
	donated as fire wood, used for mulch, donated to saw mills	Trees moved for projects, trees used on site, milled for building use, ground for mulch and donated as firewood	Used onsite for stream restoration, left for wildlife habitat, donated for firewood, milling and woodworking