

University of Arkansas Green Buildings - FY '20



Overview

This report outlines green building certifications at the University of Arkansas: Green Globes and Leadership in Energy & Environmental Design. In 2007, the university committed to building all new construction and major renovation projects to meet LEED Silver requirements as part of the UA's commitment to the American College and Universities Presidents' Climate Commitment. These certification programs are third party verification systems. Over 1.5 million gross square feet (GSF) of green building space was constructed between FY 2004 and 2020.

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Green Building Certification Systems Defined

Leadership in Energy & Environmental Design (LEED)

Building projects earn points to achieve different levels of certification. LEED certification provides strategies to achieve high performance in key areas of human and environmental health, sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality. Certification levels are Certified, Silver, Gold and Platinum.

Green Globes

A streamlined, online assessment and rating tool that automatically generates a report, ratings, achievements, and recommendations through a questionnaire. Buildings that achieve 35% or more of the 1,000 points possible in the Green Globes rating system are eligible candidates for a certification of one, two, three, or four Green Globes.

Green Building Inventory

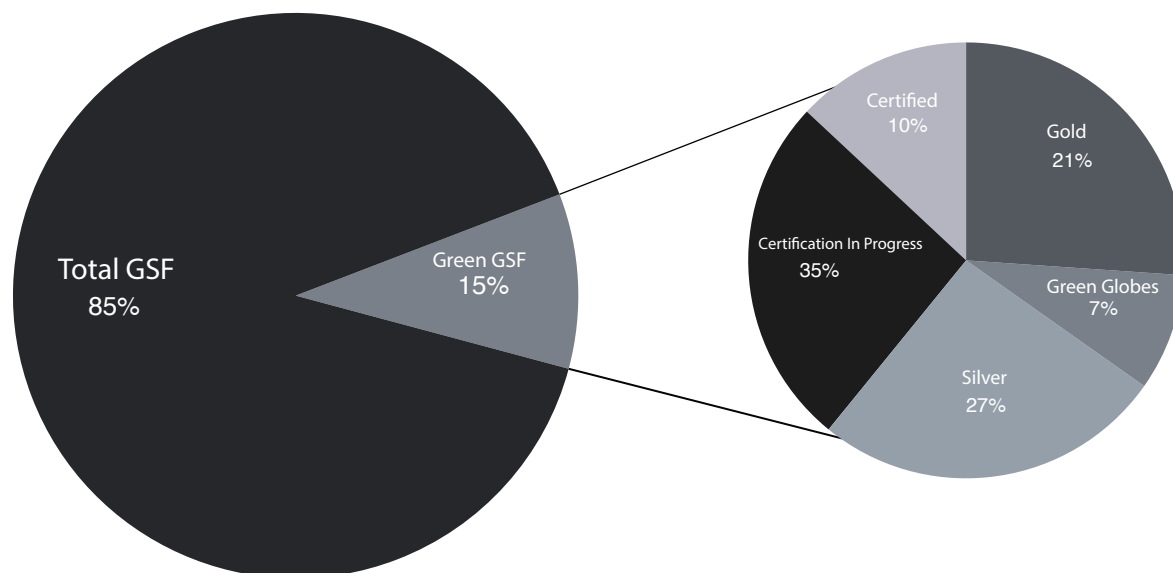
The University of Arkansas constructed twenty five certified buildings since FY 2004, totaling 1,561,856 GSF that belongs to certified green buildings (Table 1). This represents 15% of the total campus GSF (Figure 1).

Table 1. List of certified green buildings on campus

BUILDING	GSF	YEAR BUILT	CERTIFICATION SYSTEM	CERTIFICATION ATTAINED	CERTIFICATION DATE
UA Windgate Building	N/A	2022	LEED BD+C: New Construction v4	In Progress	-
UA Track High Performance Center	19,801	2021	LEED BD+C: New Construction v4	In Progress	-
UA Baseball Development Center	N/A	2021	LEED BD+C: New Construction v3 - LEED 2009	In Progress	-
UA Student Success Center	77,000	2021	LEED BD+C: New Construction v4	In Progress	-
UA Delta Gamma	30,000	2019	LEED BD+C: New Construction v3 - LEED 2009	In Progress	-
UA Adohi Hall	195,876	2019	LEED BD+C: New Construction v4	In Progress	-
UA Sculpture Studio	30,911	2018	LEED BD+C: New Construction v3 - LEED 2009	Silver	2019
UA Reynolds Stadium North	261,031	2018	LEED BD+C: New Construction v3 - LEED 2009	In Progress	-
UA Kimpell Hall addition	3,907	2018	LEED BD+C: New Construction v3 - LEED 2009	Certified	2019
UA Pat Walker Health Center Addition	21,158	2018	LEED BD+C: New Construction v3 - LEED 2009	Silver	2019
UA Library Annex	27,719	2018	LEED BD+C: New Construction v3 - LEED 2009	Silver	2019
UA Gearhart Hall	92,023	2016	LEED BD+C: New Construction v3 - LEED 2009	Gold	2017
UA Faulkner Performing Arts Center	39,410	2016	LEED BD+C: New Construction v3 - LEED 2009	Silver	2017
UA Lambda Chi Alpha	23,000	2016	LEED BD+C: New Construction v3 - LEED 2009	In Progress	-
UA Jones Student-Athlete Center	62,294	2016	LEED BD+C: New Construction v3 - LEED 2009	In Progress	-
UA Basketball Performance Center	67,087	2015	LEED BD+C: New Construction v3 - LEED 2009	Gold	2016
UA Champions Hall	67,190	2015	LEED BD+C: New Construction v3 - LEED 2009	Gold	2015

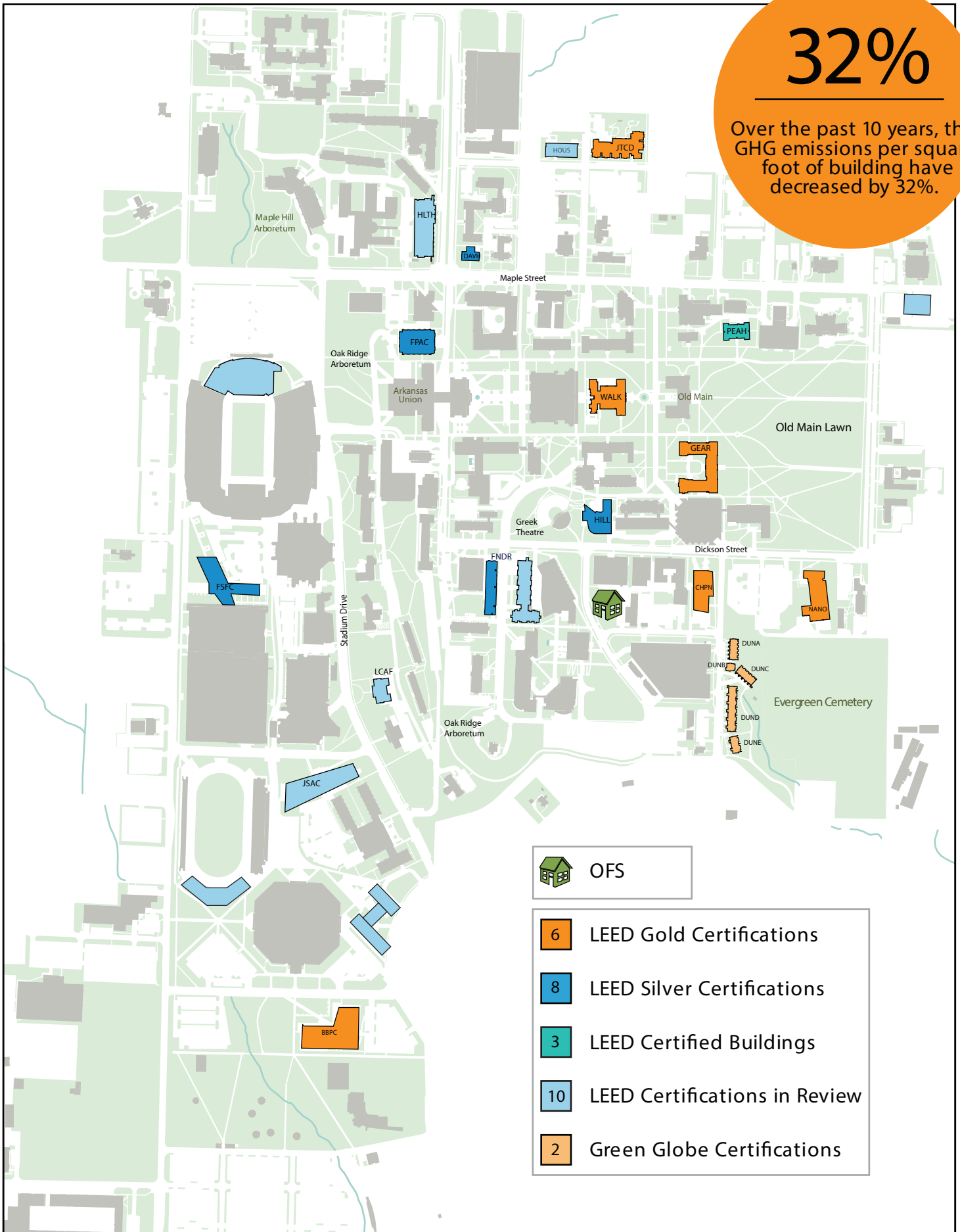
BUILDING	GSF	YEAR BUILT	CERTIFICATION SYSTEM	CERTIFICATION ATTAINED	CERTIFICATION DATE
UA Housing Office	19,476	2014	LEED BD+C: New Construction v3 - LEED 2009	In Progress	-
UA Vol Walker Hall	90,995	2013	LEED BD+C: New Construction v3 - LEED 2009	Gold	2014
UA Founders Hall	78,500	2013	LEED BD+C: New Construction v3 - LEED 2009	Silver	2014
UA Peabody Hall	27,229	2013	LEED BD+C: New Construction v3 - LEED 2009	Certified	2014
UA Hillside Auditorium	36,750	2013	LEED BD+C: New Construction v3 - LEED 2009	Silver	2014
UA Smith Football Center	80,345	2013	LEED BD+C: New Construction v3 - LEED 2009	Silver	2014
UA Tyson Child Development Study Center	23,398	2012	LEED BD+C: New Construction v3 - LEED 2009	Gold	2013
UA Davis Hall	15,788	2011	LEED BD+C: New Construction v3 - LEED 2009	Silver	2012
UA Nanoscale Material Science Eng Bldg	74,268	2011	LEED BD+C: New Construction v2 - LEED 2.2	Gold	2012
Duncan Avenue Apartments	57,800	2008	Green Globes	One Globe	2009
Duncan Avenue Community Center	3,400	2008	Green Globes	Two Globes	2009
UA Innovation Center	35,500	2004	LEED BD+C: New Construction v2 - LEED 2.1	Certified	2004







Figure 1. Total campus GSF versus certified green building GSF



32%

Over the past 10 years, the GHG emissions per square foot of building have decreased by 32%.



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