



COLLEGE OF AGRICULTURE & LIFE SCIENCES
CAMPUS ARBORETUM

Introducing Something Brand NEW...

**THE UNIVERSITY OF ARIZONA
COLLEGE OF AGRICULTURE, LIFE & ENVIRONMENTAL SCIENCES**

CAMPUS  ARBORETUM

The Campus Arboretum's very own **You**Tube** channel!**

The world is changing, we aim to keep up.

Now more than ever in the digital age people have the ability to virtually connect and engage, not just with their communities, but with people throughout the world.

As we inhabit an urban campus in the middle of the Sonoran Desert, we recognize the special responsibility to apply science in the development of campus landscapes, and to share those lessons with a broad audience.

As the conditions here in the American Southwest are becoming increasingly relevant for cities globally, we have invested in online educational resources and social media platforms to help spread the word on the importance of sustainable landscapes!

The **NEW Youtube channel** has thoughtfully crafted content that will contain information on weird desert plants, the benefits of trees, edible landscape plants, and Campus Arboretum heritage. Be sure to check back often as new videos continue to be uploaded!



Our First Virtual Tour!

What makes a cactus a cactus? What does it mean to be a land grant university? Which tree has photosynthetic bark? All these questions and more are revealed in the **Campus Arboretum's first virtual tour!**

This video brings viewers up-close and personal with the student-created **Old Main, New Directions in Desert Landscaping Tour**, from the comfort of your computer or mobile device.

In our **first virtual tour**, you'll discover which plant only photosynthesizes in the morning, the story behind the female date palm on campus, and which kind of tree species supports almost 500 Sonoran Desert plant, animal, and insect species!



This tour is unlike any other currently offered Arboretum tour! It features gorgeous close-ups of the intricacies of desert plants we don't typically see in detail in our daily lives, and shares facts about their **incredible adaptations**.

More than just plants- this virtual tour highlights new topics such as passive water harvesting systems, Old Main architecture, important CALES buildings, and a peak inside Herring Hall- home to 425,000 dried plant specimens, some nearly 100 years old!

Check out our first Youtube video- the Old Main, New Directions Tour
and subscribe for upcoming videos

Click Here to Watch the
Tour!

<https://youtu.be/SmbIM3-0iOA>

Old Main's passive water harvesting system in artful action

Water is a precious resource and when it rains here in the desert,
it pours!

One-inch of rainfall from the surface area of Old Main's roof is equivalent to **13,500
gallons of water!**

A crucial component of creating sustainable urban landscapes is utilizing rainfall
wherever possible to reduce the need for supplemental irrigation. Old Main is
equipped with gutters, swales, basins, and dams to collect and distribute water to
the surrounding xeriscape garden.

Water harvesting is important for more than just watering plants.
It *slows* the flow rate of water which increases ground moisture as our high-clay
soils have *more time* to actually *absorb* the rain. This slower rate reduces soil
erosion and stormwater runoff, alleviating flooding to sidewalks and streets.

Check out some of Old Main's passive water harvesting areas below!





CAMPUS ARBORETUM

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Promote stewardship and conservation of urban trees in Arizona.

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