

Treejectory+ Program Details

In the past decade, the need for qualified urban foresters, educators and tree stewards has grown sharply. Due to COVID-19, substantial budget cuts in nearly all San Diego County jurisdictions have reduced forestry initiatives leaving many communities without achievable planting plans and a workforce to implement them. In disadvantaged communities, where investment in environmental projects is lacking and urban forest expansion is desperately needed, nonprofits like Tree San Diego are directly impacting the triple bottom line through projects like Treejectory+.

Treejectory+ offers a multifaceted education and workforce development program serving DAC and low-income communities through urban-forestry focused education, training, and job placement. Treejectory+ is unique in that it provides hands-on, guided experience that will lead to viable career opportunities and training in industry best practices from ISA Certified Arborists. In keeping with industry standards, materials shared and training provided will meet tree care educational milestones guided by the International Society of Arboriculture, the Society of American Foresters, and the American National Standards Institute. This project also includes tree planting of 150 trees in DAC communities.

Through partnership, Tree San Diego structures, implements, and manages a workforce training program that gives 150 DAC and low-income residents direct access to 25 hours of paid training that covers:

- ISA-certified arborist and tree identification
- Urban forestry-focused professional development opportunities
- Career pathway evaluation
- New technologies used in the urban forestry sector
- Hands-on tree-planting training and field work experience
- Access to employment opportunities

Project Partners:

Urban Corps of San Diego County
Indigenous Regeneration
San Diego Canyonlands
Groundwork San Diego
FireWatch

Funding Statement: This project is funded by the California Climate Investments and CAL FIRE Urban and Community Forestry Grant Program. More information about this grant can be found [here](#).

Treejectory+ Program Details

The Treejectory+ curriculum includes the following focus areas over the course of 25 hours of instruction by arborists, project managers and partners:

Module 1: Green & Ready Introduction to the Urban Forestry Sector

Introduction to the urban forestry sector, the history of arboriculture, and benefits of joining the Treejectory+ cohort for job placement and skillset building.

Module 2: All About Trees I

Gain an understanding of the benefits of trees, how to properly source and select trees, and how to properly diagnose a tree's health. This module will also provide insight of several different career pathways in this field.

Module 3: All About Trees II

Includes two site visits in which you will learn how to properly identify and select trees at the nursery and explore career pathways through the nursery industry.

Module 4: Inventory & GIS in Urban Forestry I

Learn more about how GIS is used in this field and which state-of-the-art technology will be helping cities map and track tree planting projects.

Module 5: Inventory & GIS in Urban Forestry II

Explore a broader discussion about GIS databases like Tree Plotter, ArcGIS, and iTree.

Module 6: Drones & Photogrammetry in Urban Forestry I

Module includes multispectral imagery and photogrammetry in this field and how to apply the technology in the urban forestry sector. Includes an introduction to drone use.

Module 7: Drones & Photogrammetry in Urban Forestry II

Take part in in-person training using modern technology in the field.

Module 8: Eco Initiative Tree Planting

Receive a deeper understanding of tree planting and how to properly maintain a tree once it is planted.

Module 9: Indigenous Trees & Environmental Justice

Module focuses on the different use of native species and cultural significance of trees.

Treejectory+ Program Details

Module 10: Introduction to Tree Corps

Learn more about Tree Corps and help further your professional development.

Module 11: Free Admission to a Conference or Event

This final “module” serves as an opportunity to allow candidates access to a sector-related event or conference. By attending an urban forestry event, candidates will be able to network with and learn from subject matter experts in this field.