

SUSTAINABLE URBAN LANDSCAPES ASSOCIATE IN SCIENCE AND CERTIFICATE OF ACHIEVEMENT



This curriculum is designed to investigate the current trends and provide practical experience in sustainable landscape design, construction and maintenance. Students will use technology, materials and methods that enhance the urban landscape with minimal input of labor and materials while reducing negative environmental impacts. Students entering the landscape industry, those already employed but seeking upgraded skills, and those wishing to transfer to four-year degree programs will benefit from the curriculum. Graduates are employed by landscape contractors, landscape architects and designers, public agencies, or are self-employed.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Perform work-related functions according to current industry standards.
- Assess and resolve work-related problems using current industry-specific tools and resources.
- Communicate effectively to prospective clients, managers and coworkers in a workplace setting.
- Abide by industry and government regulations regarding occupational health and safety, and/or environmental standards.

Career Opportunities

Irrigation Manager
Landscape Design Consultant
Landscape Maintenance Supervisor
Landscape Manager
Landscape Water Auditor
Water Conservation Specialist

Associate in Science Degree Requirements

Code	Title	Units
OH-120	Fundamentals of Ornamental Horticulture	3
OH-130	Plant Pest Control	3
OH-140	Soils	3
OH-170	Plant Materials: Trees and Shrubs	3
OH-250	Landscape Water Management	2
OH-255	Sustainable Urban Landscape Principles and Practices	2
OH-263	Urban Forestry	1
OH-290	Cooperative Work Experience Education ¹	3

Select one of the following:

3

BUS-110	Introduction to Business
BUS-111	Entrepreneurship: Starting and Developing a Business
BUS-125	Business Law: Legal Environment of Business

Select a minimum of eight units from the following:

8-8.5

OH-102	Xeriscape: Water Conservation in the Landscape
OH-105	Edibles in Urban Landscapes
OH-150	Landscape Architecture I
OH-180	Plant Materials: Annuals and Perennials
OH-220	Landscape Construction: Concrete and Masonry
OH-221	Landscape Construction: Irrigation and Carpentry
OH-235	Principles of Landscape Irrigation
OH-260	Arboriculture
OH-266	Science in Practice for Arboriculture

Total Units

31-31.5

Plus General Education Requirements (<https://catalog.gcccd.edu/cuyamaca/degree-requirements-transfer-information/>)

¹ Student must complete six units within the major at Cuyamaca College to be eligible for this course.

Certificate of Achievement

Students who complete only the major requirements above qualify for a Certificate in Sustainable Urban Landscapes. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.