

# ENVIRONMENTAL HORTICULTURE AND LANDSCAPING CERTIFICATE OF ACHIEVEMENT

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**State Control Number:** 38574

**Program Code:** AGNR.EHL.CA

**Program Length:** 10 months

**Approved for Federal Financial Aid:** Yes

The Environmental Horticulture and Landscaping Certificate prepares the student with the best management practices, science and technology skills to be successful in the horticulture and landscape industry. Career opportunities include: landscape design, construction and management; nursery and greenhouse production; hydroponics, tree pruning; conservation; pest control; horticulture and fertilizer industry sales; irrigation design, installation and maintenance; floral design; agriculture production; country club and botanic garden horticulture and plant material sales. Pressure on our natural resources and stringent environmental policies dictate socially acceptable and environmentally compatible solutions. These solutions include: native and drought tolerant plant palettes; natural fertilizers; natural pesticides and integrated pest management; drip irrigation to reduce water consumption and soil erosion. Students receive training and are encouraged to take industry certifications in: Qualified Water Efficient Landscaper (QWEL); Certified Irrigation Technician (CIT); and the Pesticide Applicator License (PA).

| Code                    | Title                                      | Units     |
|-------------------------|--|-----------|
| <b>Required Courses</b> |  |           |
| AGNR 60                 | Environmental Horticulture Laboratory      | 1.0       |
| AGNR 74D                | Ecological Restoration                     | 1.0       |
| AGNR 121                | Introduction to Environmental Horticulture | 3.0       |
| AGNR 122                | Plant Propagation/Greenhouse Production    | 3.0       |
| AGNR 140                | Plant Material and Usage I                 | 3.0       |
| AGNR 150                | Landscape Design                           | 3.0       |
| AGNR 152                | Irrigation and Water Management            | 3.0       |
| AGNR 153                | Natural Landscape Maintenance              | 3.0       |
| <b>Total Units</b>      |  | <b>20</b> |