



# HORT-Sustainable Landscape Associate of Science Degree

The A.S. degree in Sustainable Landscape concentrates on course that develop the knowledge, skills, and attitudes essential to developing, constructing, and maintaining functional and sustainable landscapes, green spaces, and irrigation systems. The program focuses on sound horticultural science and principles, plant identification, proper soil development and management, sustainable landscape and irrigation design, water conservation, sustainable construction and landscape and turf maintenance practices, integrated pest management, licensing and certification, and horticultural business practices.

## SUGGESTED PROGRAM COURSE SCHEDULE

### SEMESTER 1

15-16 UNITS

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>HORT 300</b> Intro to HORT	3		F, S	CRC Area IV
<b>CRC Area V(a)</b> American Institutions	3		F, S, Su	CRC Area V(a)
<b>CRC Area VI</b> Ethnic Multicultural Studies	3		F, S, Su	CRC Area VI
<b>CRC Area II(a)</b> Writing Competency	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)
<b>CRC Area II(b)</b> Math Competency	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area II(b)

### SEMESTER 2

15 UNITS

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>HORT 302/ PLTS 310</b> Soils, Soil Management, and Plant Nutrition	3	HORT 300 or PLTS 300	S	CRC Area IV
<b>HORT 303/ PLTS 332</b> Integrated Pest Management	3	HORT 300	S	
<b>HORT 350</b> Landscape Irrigation	3	HORT 300; Advisory: HORT 340	S(odd yr beginning S21)	
<b>HORT 320</b> Sustainable Landscape Construction	3	Advisory: HORT 300	S(odd yr beginning S 2021)	
<b>CRC Area V(b)</b> Social Behavioral Science	3		F, S, Su	CRC Area V(b)

<sup>^</sup>You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

\*(O) = online available (H) = hybrid available

### Career Options/Outlook:

Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers directly supervise and coordinate activities of workers engaged in landscaping or groundskeeping activities. Work may involve reviewing contracts to ascertain service, machine, and workforce requirements; answering inquiries from potential customers regarding methods, material, and price ranges; and preparing estimates according to labor, material, and machine costs.

### A sample of reported job titles:

Field Manager, Golf Course Superintendent, Grounds Crew Supervisor, Grounds Foreman, Grounds Maintenance Supervisor, Grounds Manager, Grounds Supervisor, Groundskeeper Supervisor, Landscape Manager, Landscape Supervisor

### Projected job openings in California (2016-2026):

2,130

### Projected growth:

Faster than average (+10%)

### Salary in California:

Median wage (2018): \$52,040/yr  
Source:

<https://www.onetonline.org/link/summary/37-1012.00>

**SEMESTER 3**

**14-15 UNITS**

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>HORT 305</b> Plant Identification-Fall Selections	3	Advisory: HORT 300	F(even yr beginning F2020)	
<b>HORT 351</b> Drip & Subsurface Irrigation	2	HORT 300; Advisory HORT 340	F(odd yr beginning F21)	
<b>HORT 340</b> Landscape & Irrigation Graphic & Design	3	Advisory: HORT 300, 305, 306, or 307	F(even yr beginning F2020)	
<b>HORT 105</b> Pest Control Licensing for Certificate	2	HORT 300; Advisory: HORT 303/ PLTS 332	F(odd yr)	
<b>HORT 324</b> Sustainable Landscape Maintenance	3	Advisory: HORT 300	F	
<b>Elective</b>	1-2		F, S, Su	

**Honors option:**

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

**Transfer notes:**

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

**SEMESTER 4**

**15 UNITS**

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>HORT 306</b> Plant Identification-Spring Selection <b>or HORT 307</b> Plant Identification-Sustainable & CA Native Selection	3	Advisory: HORT 300	S(even yr; rotating between 306 & 307 beginning S2022)	
<b>HORT 353</b> Sustainable Water Management	3	HORT 350; Advisory: HORT 300	F'19 then S(beginning S2022)	
<b>HORT 360</b> Intro to Tree Care & Urban Forestry	3	Advisory: HORT 300	F(odd yr beginning F19)	
<b>HORT 498</b> Work Experience in Horticulture	2		F(O,H), S(O), Su(O)	CRC Area III(b)
<b>CRC Area III(a)</b> Physical Edu Activity	1		F, S, Su	CRC Area III(a)
<b>CRC Area I</b> Humanities	3		F, S, Su	CRC Area I

**General Education (GE):**

Non-specified GE courses identified by CRC Area, CSU Area or IGETC Area without pre- or co-requisite can be taken at any semester.

**Courses in red** meet the requirement for the Certificate of Proficiency in Sustainable Irrigation & Water Management Technology.

**Courses in blue** meet the requirement for the Certificate of Achievement in Sustainable Landscape Design.

**Courses in green** meet the requirement for the Certificate of Achievement in Horticulture, Sustainable Landscape. Students have a choice between HORT 320, HORT 324 or HORT 360 for this certificate.

<sup>^</sup>You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

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