Folsom Lake College's horticulture curriculum offers students the opportunity to learn nursery operations and landscape maintenance in a unique professional growth industry. A wide variety of employment opportunities are available in the Greater Sacramento region. The continued growth of the area and the need for specialized training are creating a demand for qualified individuals.

Career Options (/academics/programs-and-majors/horticulture#)
- Consultant
- Estimator
- Fertilizer & Insecticide Application
- Government Agency Employee
- Landscape Design, Contracting, & Maintenance
- Nursery Management & Operations
- Park Maintenance
- Research
- Retail/Wholesale

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**Horticulture (HORT)**

**HORT 300 Introduction to Horticulture**

| Units: | 3 |
| Hours: | 54 hours LEC |
| Prerequisite: | None. |
| Transferable: | CSU; UC |
| General Education: | AA/AS Area IV |

This course surveys horticultural principles and practices. Course topics include environmental factors that promote plant cultivation, basic plant structure and function, general knowledge of plant usage, and landscape planning and maintenance. Field trips may be required.

**Student Learning Outcomes**

Upon completion of this course, the student will be able to:

- explain basic plant physiological processes (e.g. photosynthesis, tropisms, seed germination, etc...), and how environmental conditions affect those processes.
- identify the parts of a plant body, and describe the function(s) of each.
- categorize soil types and container media frequently used in regional gardening, and assess their potential effects on landscaping and container gardening.
• explain the origins of agriculture and plant domestication, and speculate on the future of agriculture given current and proposed practices.

• identify representatives of the major plant taxonomic groups commonly used in horticulture.

• identify symptoms of pest damage, and evaluate biological, cultural, and chemical methods of pest control.

HORT 495 Independent Studies in Horticulture

<table>
<thead>
<tr>
<th>Units:</th>
<th>1 - 3</th>
</tr>
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<tbody>
<tr>
<td>Hours:</td>
<td>54 - 162 hours LAB</td>
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<tr>
<td>Prerequisite:</td>
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<td>Transferable:</td>
<td>CSU</td>
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