

Horticulture

Degree Program

EH13

Curriculum

[Click here to jump to Program Description, Admissions Requirements, and Financial Aid.](#)

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website: <http://www.laniertech.edu/GE.aspx>.

General Education Core – Total of 15 Hours

Area I – Language Arts/Communications – Choose 3 Hours

ENGL 1101 *Composition & Rhetoric* (3)

Area II – Social/Behavioral Sciences – Choose 3 Hours

ECON 1101 *Principles of Economics* (3)
ECON 2105 *Macroeconomics* (3)
ECON 2106 *Microeconomics* (3)
HIST 1111 *World History I* (3)
HIST 1112 *World History II* (3)
HIST 2111 *U.S. History I* (3)
HIST 2112 *U.S. History II* (3)
POLS 1101 *American Government* (3)
POLS 2401 *Global Issues* (3)
PSYC 1101 *Introductory Psychology* (3)
SOCI 1101 *Introduction to Sociology* (3)

Area III – Natural Sciences/Mathematics – Choose 3 Hours

MATH 1101 *Mathematical Modeling* (3)
MATH 1103 *Quantitative Skills/Reasoning* (3)
MATH 1111 *College Algebra* (3)

Area IV – Humanities/Fine Arts – Choose 3 Hours

ARTS 1101 *Art Appreciation* (3) HUMN 1101 *Intro. to Humanities* (3)
ENGL 2110 *World Literature* (3) MUSC 1101 *Music Appreciation* (3)
ENGL 2130 *American Literature* (3)

General Education Core Elective – Choose 3 Hours

Program-Specific Core – Total of 15Hours

HORT 1000 *Horticulture Science* (3)
HORT 1010 *Woody Plant Identification I* (3)
HORT 1020 *Herbaceous Plant ID* (3)
HORT 1080 *Pest Management* (3)
HORT 1150 *Horticulture Internship* (3)

Occupational-Related Electives – Choose 6 Hours

Choose a Specialization – Total of 24 Hours

General Horticulture Specialization

Occupational-Related Electives – Choose 24 Hours

Landscape Specialization

HORT 1041 *Landscape Construction* (4)
HORT 1060 *Landscape Design* (4)
HORT 1120 *Landscape Management* (4)
HORT 1330 *Turfgrass Management* (4)
HORT 1310 *Irrigation & Water Management* (4)
Occupational-Related Elective – Choose 4 Hours

Total: 60 Hours

General Education Core Electives

ARTS 1101 <i>Art Appreciation</i> (3)	MATH 1103 <i>Quant. Skills/Reason</i> (3)
BIOL 1111(L) <i>Biology I + Lab</i> (4)	MATH 1111 <i>College Algebra</i> (3)
BIOL 2113(L) <i>Human A&P I + Lab</i> (4)	MATH 1112 <i>College Trig</i> (3)
BIOL 2114(L) <i>Human A&P II + Lab</i> (4)	MATH 1113 <i>Precalculus</i> (3)
ECON 1101 <i>Principles of Economics</i> (3)	MATH 1127 <i>Intro to Statistics</i> (3)
ECON 2105 <i>Macroeconomics</i> (3)	MATH 1131 <i>Calculus I</i> (4)
ECON 2106 <i>Microeconomics</i> (3)	MUSC 1101 <i>Music Apprec.</i> (3)
ENGL 1102 <i>Literature & Comp.</i> (3)	PHYS 1110(L) <i>Conc. Phys + Lab</i> (4)
ENGL 2110 <i>World Literature</i> (3)	POLS 1101 <i>American Govt.</i> (3)
ENGL 2130 <i>American Literature</i> (3)	POLS 2401 <i>Global Issues</i> (3)
HIST 1111 <i>World History I</i> (3)	PSYC 1101 <i>Intro Psychology</i> (3)
HIST 1112 <i>World History II</i> (3)	PSYC 2103 <i>Human Develop.</i> (3)
HIST 2111 <i>US History I</i> (3)	SOCI 1101 <i>Intro to Sociology</i> (3)
HIST 2112 <i>US History II</i> (3)	SPAN 1101 <i>Intro to Spanish</i> (3)
HUMN 1101 <i>Intro to Humanities</i> (3)	SPCH 1101 <i>Public Speaking</i> (3)
MATH 1101 <i>Math Modeling</i> (3)	

Occupational-Related Electives

HORT 1030 *Greenhouse Management* (4)
HORT 1040 *Landscape Installation* (3)
HORT 1050 *Nursery Production & Management* (4)
HORT 1060 *Landscape Design* (4)
HORT 1070 *Landscape Installation* (4)
HORT 1100 *Intro to Sustainable Agriculture* (3)
HORT 1110 *Small Scale Food Prod.* (4)
HORT 1120 *Landscape Management* (4)
HORT 1140 *Horticulture Business Management* (3)
HORT 1160 *Landscape Contracting* (3)
HORT 1200 *Aboriculture Science* (4)
HORT 1250 *Plant Prod/Propagation* (4)
HORT 1310 *Irrigation & Water Management* (4)
HORT 1330 *Turfgrass Management* (4)
HORT 1410 *Soils* (3)
HORT 1420 *Golf Course Design/Install* (3)
HORT 1430 *Adv. Landscape Design* (4)
HORT 1440 *Landscape Grading/Drainage* (4)
HORT 1500 *Sm Gas Eng Repair/Maintenance* (4)
HORT 1560 *Computer-Aided Landscape Design* (4)
HORT 1680 *Woody Plant Identification II* (3)
HORT 1690 *Horticulture Spanish* (3)
HORT 1700 *Large Equipment Operation* (3)
HORT 1720 *Introductory Floral Design* (3)
HORT 1730 *Advanced Floral Design* (3)
HORT 1750 *Interiorscaping* (4)
HORT 1800 *Urban Landscaping Issues* (3)
HORT 2249 *Flowery Shop Management* (3)
HORT 2500 *Specialty Landscape Construction* (4)
May also choose from: ACCT 1100, INDS 1150, WELD 1000, 1010, 1040, 1090, 1152, 1154, or MKTG 1100, 1130, 1160, 1190, 2210, 2300

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Program Description

The Horticulture program is a sequence of courses that prepares students for careers in horticulture. The program provides learning opportunities which introduce, develop, and reinforce academic and technical knowledge, skills, and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to retrain or upgrade present knowledge and skills.

Program Specific Information

Students are accepted every semester based on course and space availability.

Program Length & Availability

5 Semesters

Campus Availability: Forsyth

Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to admission.
(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)
- ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid

This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

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