

# HORTICULTURAL TECHNOLOGY: LANDSCAPE CONSTRUCTION AND MANAGEMENT CONCENTRATION (A.A.S.)

<https://colsa.unh.edu/tsas/hort/landscape-construction-management>

## Description

*Beginning in the 2018-2019 academic year, the Horticulture Technology: Landscape Construction and Management program will no longer be accepting new students. Current Thompson School students in this program will continue to have access to the same high-quality education and resources until they graduate in 2019.*

Landscape construction and management has been projected to be one of the fastest growing service industries of the coming decade. It is a field that also offers unparalleled aesthetic satisfaction and meaningful reward. To succeed in the landscape industry increasingly requires a degree of technical and scientific expertise, as well as creativity, artistry, and problem-solving skills. Students in the landscape operation concentration gain a solid foundation by completing core requirements in the fundamentals of plant growth and development, soils, plant identification, pruning, and plant health care. They then complete a series of landscape maintenance, construction, and business courses. This combination prepares them to become successful members of the landscape industry. In their classes, students meld theory and practice, and then apply what they learn in weekly lab periods and on-site visits to area operations.

## Career Opportunities

Landscape construction specialist, garden center/nursery sales, or maintenance/management for golf courses, schools and parks, private and public grounds.

## Requirements

Candidates for a degree must satisfy all of the Thompson School of Applied Science General Education requirements in addition to satisfying the requirements of the Horticultural Technology Landscape Construction Management program. Landscape Construction Management students are required to take:

Code	Title	Credits
HT 407	Plant Structure and Function	4
HT 415	Soils and Land Use	2
HT 416	Soils and Plant Nutrition	2
HT 454	Irrigation Design	3
HT 460	Sustainable Plant Management	4
HT 553	"Pond-less" Water Feature Design and Installation	2
HT 554	Sustainable Irrigation and Rain Harvesting	3
HT 555	Landscape Lighting Design and Installation	2

HT 559	Plants in the Horticulture Industry: Identification and Culture	4
HT 563	Landscape Construction	4
HT 565	Turf Management	4
HT 572	Landscape Design Studio	4
HT 597	Horticultural Work Experience	0
AM #462	Internal Combustion Engines II	4
ABM 404A	Introduction to Business I	2
ABM 404B	Introduction to Business II	2
FORT 564	Arboriculture	3
FORT 578	Forest Insects & Diseases	2
Choose one of the following:		
ABM 508	Managerial Accounting	
ABM 514	Applied Sales	
ABM 532	Small Business Law	
TSAS 405A	Computers in the Workplace/Focus on Software Applications	2
TSAS 405B	Computers in the Workplace II/Focus on Hardware, Internet, Applications and Security	2
SSCI 403	Environmental Issues & Society	2
Total Credits		57

## Degree Plan

### Landscape Operations Concentration Program of Study

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
COM 210	Public Speaking	3
HT 407	Plant Structure and Function	4
HT 415	Soils and Land Use (Half-term I)	2
HT 416	Soils and Plant Nutrition ( (Half-term II))	2
HT 553	"Pond-less" Water Feature Design and Installation	2
HT 555	Landscape Lighting Design and Installation	2
TSAS 405A	Computers in the Workplace/Focus on Software Applications	2
TSAS 405B	Computers in the Workplace II/Focus on Hardware, Internet, Applications and Security	2
Credits		19
<b>Spring</b>		
COM 209	Expository Writing and Reading	4
FORT 578	Forest Insects & Diseases	2
HT 460	Sustainable Plant Management	4
HT 454	Irrigation Design	3
MTH 202	College Algebra	3
Credits		16
<b>Second Year</b>		
<b>Fall</b>		
FORT 564	Arboriculture	3

2 Horticultural Technology: Landscape Construction and Management Concentration (A.A.S.)

HT 559	Plants in the Horticulture Industry: Identification and Culture	4
HT 563	Landscape Construction	4
HT 565	Turf Management	4
HT 597	Horticultural Work Experience	0
SSCI 201 or SSCI 202	Human Relations or Social Issues	4
<hr/>		
	Credits	19
<b>Spring</b>		
ABM 404A & ABM 404B	Introduction to Business I and Introduction to Business II	4
AM #462	Internal Combustion Engines II	4
HT 554	Sustainable Irrigation and Rain Harvesting	3
HT 572	Landscape Design Studio	4
Choose one of the following:		4
ABM 508	Managerial Accounting	
ABM 514	Applied Sales	
ABM 532	Small Business Law	
<hr/>		
	Credits	19
<hr/>		
	Total Credits	73