

Horticulture, AAS

LANDSCAPE DESIGN, INSTALLATION AND MAINTENANCE OPTION

School of Math, Science & Engineering

This option of the horticulture degree is designed to provide students with the necessary skills to work in the landscaping industry.

Career Opportunities

Graduates of this option can be self-employed as landscapers or obtain jobs as landscape designers, managers, estimators, and technicians in landscape installation and maintenance and related fields.

Program Learning Outcomes

This curriculum is designed to prepare students to:

- identify and properly utilize important species of annuals and herbaceous perennials
- identify and properly utilize important species of ornamental trees and shrubs
- design residential and non-commercial properties
- install landscapes according to blue prints
- properly maintain established landscapes
- start and maintain lawns
- perform calculations related to turf fertilization, liming, and pesticide application
- perform calculations necessary for running a landscaping business
- prepare bidding packages for residential and commercial properties
- communicate effectively with customers with letters or e-mails
- demonstrate basic knowledge of computer technology

Seq #	Course	Course Title	Credits	Type	Term Offered	Pre-Req	Options Available
1	CPT 150	Microcomputer Concepts	3	Gen Ed	F, Sp, Su		
2	HOR 105	Introduction to Horticulture	3	Major	F		
3	HOR 125	Ornamental Shrubs	3	Major	F		
4	BUS 120	Mathematics of Business	3	Gen Ed	F	MTH 052, 052A or TEST	
5	CHM 107	Introductory Concepts in Chemistry I	4	Gen Ed	F, Sp, Su	MTH 052, 052A or TEST	
6	HOR 107	Landscape Drawing	3	Concentration	Sp		
7	HOR 110	Introduction to Turfgrass Management	3	Concentration	Sp		
8	HOR 126	Ornamental Trees	3	Major	Sp		
9	HOR 155	Soils and Soil Fertility	4	Major	Sp		
10	HOR 212	Pruning	3	Major	Su		
11	HOR 275	Landscape Equipment, Installation & Maintenance	4	Concentration	Su		
12	ENG 161	College Writing	3	Gen Ed	F, Sp, Su	TEST	
13	HOR 157	Insects and Diseases of Plants	4	Major	F		
14	HOR 205	Residential Landscaping	3	Concentration	F	HOR 107	
15	HOR 215	Annuals and Herbaceous Perennials	3	Major	F		
16	ENG 163	Business Communications	3	Gen Ed	F, Sp, Su	ENG 161	
17	HOR 199	Horticulture Internship	3	Concentration	Sp	Instr Permission	
18	HOR 207	Advanced Landscaping	3	Concentration	Sp	HOR 205	
19	Elective	Social Science Elective	3	Gen Ed	F, Sp, Su		Page 43 Column III

Total Program Credits 61

Total Pathway Credits 61

PDV 101 - First-Year Seminar is required for all first-time credential-seeking students.