

PROGRAMS

LANDSCAPE GARDENING - GREENHOUSE & NURSERY PRODUCTION (A15260N)

These curricula are designed to prepare individuals for various careers in horticulture. Classroom instruction and practical laboratory applications of horticultural principles and practices are included in the program of study.

Course work includes plant identification, pest management, plant science and soil science. Also included are courses in sustainable plant production and management, landscaping, and the operation of horticulture businesses.

Graduates should qualify for employment in a variety of positions associated with nurseries, garden centers, greenhouses, landscape operations, government agencies/parks, golf courses, sports complexes, highway vegetation, turf maintenance companies, and private and public gardens. Graduates should also be prepared to take the North Carolina Pesticide Applicator's Examination and/or the North Carolina Certified Plant Professional Examination.

Landscape Gardening: A program that prepares individuals to manage and maintain indoor and/or outdoor ornamental and recreational plants and groundcovers and related conceptual designs established by landscape architects, interior designers, enterprise owners or managers, and individual clients. Potential course work includes instruction in applicable principles of horticulture, gardening, plant and soil irrigation and nutrition, turf maintenance, plant maintenance, equipment operation and maintenance, personnel supervision, and purchasing.

Associate in Applied Science Degree Program

		Course Hours Per Week		Semester Hours
First Semester (Fall)		Class	Lab	Credit
ACA-115	Success & Study Skills	0	2	1
ENG-111	Writing and Inquiry	3	0	3
HOR-160	Plant Materials I	2	2	3
LSG-121	Fall Gardening Lab	0	6	2
MAT***	MAT-110 or higher	2-3	2	3-4
***	Humanities/Fine Arts Elective	3	0	3
Credit Hours		10-11	12	15-16

Second Semester (Spring)				
HOR-134	Greenhouse Operations	2	2	3
HOR-161	Plant Materials II	2	2	3
HOR-166	Soils & Fertilizers	2	2	3
LSG-122	Spring Gardening Lab	0	6	2
WBL-111L	Work-Based Learning I	0	10	1
Credit Hours		6	22	12

Third Semester (Summer)				
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		Course Hours Per Week		Semester Hours
ENG-112 or ENG-114 or COM-231	Writing/Research in the Disc or Prof Research & Reporting or Public Speaking	3	0	3
HOR-142	Fruit & Vegetable Prod	1	2	2
HOR-265	Advanced Plant Materials	1	2	2
LSG-123	Summer Gardening Lab	0	6	2
	Credit Hours	5	10	9

Fourth Semester (Fall)

HOR-112	Landscape Design I	2	3	3
HOR-168	Plant Propagation	2	2	3
HOR-235	Greenhouse Production	2	2	3
HOR-278	Hor Bus Entrepreneurship	3	0	3
LSG-231	Landscape Supervision	2	6	4
WBL-121L	Work-Based Learning II	0	10	1
	Credit Hours	11	23	17

Fifth Semester (Spring)

HOR-164	Hort Pest Management	2	2	3
HOR-215	Landscape Irrigation	2	2	3
HOR-225	Nursery Production	2	2	3
HOR-257	Arboriculture Practices	1	3	2
LSG-244	Advanced Issues/LSG	2	0	2
***	Social/Behavioral Science Elective	3	0	3
	Credit Hours	12	9	16

Sixth Semester (Summer)

WBL-212L	Work-Based Learning IV	0	20	2
	Credit Hours	0	20	2
Total Required Minimum Semester Hours Credit				71

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