

AGRICULTURAL BUSINESS TECHNOLOGY

Programs in horticulture prepare students for entry-level positions in greenhouses, nurseries, floral businesses, or golf courses, or upgrade their knowledge and skills if they are already employed in the field. Graduates find employment in greenhouse businesses, garden centers, florist shops, golf course operations, landscaping and landscape maintenance businesses, and horticultural sales. The programs allow students to specialize in greenhouse management and production, landscape design, or landscape management.

A cooperative education program allows students to earn academic credit and supplement their income while they gain work experience at local sites.

Horticulture courses are offered only on the Chesapeake Campus.

HORTICULTURE LANDSCAPE DESIGN AND MANAGEMENT

The landscape design and management program prepares students for careers in the public and private sectors as landscape designers, landscape gardeners, installers, maintenance technicians, and the retail landscape business. Students who are already in the field use the program to upgrade their skills, knowledge and certifications. All courses taken for the career studies option in Landscape Design and Management may be applied to the Associate in Applied Science in Horticulture with a specialization in landscape design and management.

ASSOCIATE OF APPLIED SCIENCE DEGREE: HORTICULTURE

SPECIALIZATION: LANDSCAPE DESIGN AND MANAGEMENT (335.03)

SEMESTER 1 (BASED ON A FALL SEMESTER START)

Course No.	Course Title	Credits	Prerequisite
ENG 111	College Composition I	3	Placement
HRT 110	Principles of Horticulture	3	
HRT 125	Chemicals in Horticulture	3	
HRT 201	Landscape Plants I	3	
ITE 115	Introduction to Computer Applications and Concepts	4	
SDV 100	College Success Skills	1	
Semester Total		17	

SEMESTER 2

Course No.	Course Title	Credits	Prerequisite
HRT 202	Landscape Plants II	3	HRT 201
HRT 235	Landscape Drawing	3	
HRT 155	Plants and Society	3	HRT 110
MTH 121	Fundamentals of Mathematics	3	Placement
	Health/Physical Education ¹	1	
	Approved Elective ²	3	
Semester Total		16	

SEMESTER 3

Course No.	Course Title	Credits	Prerequisite
HRT 150	Theory of Landscape Design	3	
HRT 207	Plant Pest Management	3	
HRT 228	Turfgrass Management I	3	
HRT 275	Landscape Construction and Maintenance	3	
	Health/Physical Education ¹	1	
	Social Science Elective ¹	3	
Semester Total		16	

SEMESTER 4

Course No.	Course Title	Credits	Prerequisite
HRT 227	Professional Landscape Management	3	
HRT 298	Seminar in Horticulture	2	
HRT	Approved HRT Elective ³	3	
SPA 160	Spanish for the Green Industry	3	
	Social Science Elective ¹	3	
	Approved Elective ²	3	
Semester Total		17	

Total Minimum Credits	66
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CAREER STUDIES: LANDSCAPE DESIGN AND MANAGEMENT (018.04)

Course No.	Course Title	Credits	Prerequisite
HRT 110	Principles of Horticulture	3	
HRT 201	Landscape Plants I	3	
HRT 202	Landscape Plants II	3	HRT 201
HRT 235	Landscape Drawing	3	
HRT	Approved HRT Elective ⁴	3	
HRT	Approved HRT Elective ⁴	3	
Total Minimum Credits		18	

CAREER STUDIES: TURFGRASS MANAGEMENT (018.06)

SEMESTER 1

Course No.	Course Title	Credits	Prerequisite
HRT 110	Principles of Horticulture	3	
HRT 125	Chemicals in Horticulture	3	
Semester Total		6	

SEMESTER 2

Course No.	Course Title	Credits	Prerequisite
HRT 205	Soils	3	
	Approved Elective ²	3	
Semester Total		6	

SEMESTER 3

Course No.	Course Title	Credits	Prerequisite
HRT 207	Plant Pest Management	3	
HRT 228	Turfgrass Management I	3	
Semester Total		6	

SEMESTER 4

Course No.	Course Title	Credits	Prerequisite
HRT 229	Turfgrass Management II	3	
HRT 297	Cooperative Education in Horticulture	3	
SPA 160	Spanish for the Green Industry	3	
Semester Total		9	

Total Minimum Credits	27
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- 1 Eligible courses are listed on page 146 in the 2006-2007 catalog. See your academic advisor or counselor to choose the appropriate course(s).
- 2 Approved Elective may be chosen from BUS, HRT, ITE, or MTH and must be approved by your horticulture program advisor.
- 3 Consult your academic advisor.
- 4 Approved HRT Electives for Career Studies:
 HRT 150 Theory of Landscape Design and
 HRT 231 Planting Design I
 OR
 HRT 227 Professional Landscape Management and
 HRT 228 Turfgrass Management

HORTICULTURE

GREENHOUSE PRODUCTION AND GARDEN CENTER MANAGEMENT

The specialization in greenhouse production and garden center management combines the necessary technical skills with related business courses, preparing students for employment in greenhouses, flower shops, garden centers, and nurseries.

Career studies in greenhouse production prepares students for entry-level positions or to upgrade their skills and knowledge. All courses in the career studies may be applied to the Associate of Applied Science degree in horticulture with a specialization in greenhouse production and garden center management.

The two-year degree prepares students for management positions in floral design, greenhouse garden center and nursery management or career opportunities in retail and wholesale horticultural businesses.

ASSOCIATE OF APPLIED SCIENCE DEGREE: HORTICULTURE SPECIALIZATION: GREENHOUSE PRODUCTION AND GARDEN CENTER MANAGEMENT (335.05)

SEMESTER 1 (BASED ON A FALL SEMESTER START)

Course No.	Course Title	Credits	Prerequisite
ENG 111	College Composition I	3	Placement
HRT 110	Principles of Horticulture	3	
HRT 125	Chemicals in Horticulture	3	
HRT 201	Landscape Plants I	3	
ITE 115	Introduction to Computer Applications and Concepts	4	
SDV 100	College Success Skills	1	
Semester Total		17	

SEMESTER 2

Course No.	Course Title	Credits	Prerequisite
HRT 202	Landscape Plants II	3	HRT 201
HRT 155	Plants and Society	3	HRT 110
MTH 121	Fundamentals of Mathematics	3	Placement
	Health/Physical Education ¹	1	
HRT	Approved HRT Elective ³	3	
	Approved Elective ²	3	
Semester Total		16	

SEMESTER 3

Course No.	Course Title	Credits	Prerequisite
HRT 115	Plant Propagation	3	
HRT 121	Greenhouse Crop Production I	3	
HRT 207	Plant Pest Management	3	
HRT 226	Greenhouse Management	3	
	Health/Physical Education ¹	1	
	Social Science Elective ¹	3	
Semester Total		16	

SEMESTER 4

Course No.	Course Title	Credits	Prerequisite
HRT 122	Greenhouse Crop Production II	3	
HRT 225	Nursery and Garden Center Management	3	
HRT 298	Seminar in Horticulture	2	
SPA 160	Spanish for the Green Industry	3	
	Social Science Elective ¹	3	
	Approved Elective ²	3	
Semester Total		17	

Total Minimum Credits 66

CAREER STUDIES: GREENHOUSE PRODUCTION (018.02)

Course No.	Course Title	Credits	Prerequisite
HRT 110	Principles of Horticulture	3	
HRT 115	Plant Propagation	3	
HRT 121	Greenhouse Crop Production I	3	
HRT 122	Greenhouse Crop Production II	3	
HRT 207	Plant Pest Management	3	
HRT 226	Greenhouse Management	3	

Total Minimum Credits 18

- 1 Eligible courses are listed on page 146 in the 2006-2007 catalog. See your academic advisor or counselor to choose the appropriate course(s).
- 2 Approved Elective may be chosen from BUS, HRT, ITE, or MTH and must be approved by your horticulture program advisor.
- 3 Consult your academic advisor.