

AGRICULTURE - URBAN

Urban Agriculture is the practice of growing food in cities, towns, and municipal areas. As a global trend, urban agriculture increases access to locally produced food while providing cultural and economic solutions within communities. Regenerative agriculture concepts are taught within the courses of this program as well as best practices for production. Students are well prepared to launch or enhance an urban agriculture business of their own, or to become employed in Horticulture or Agricultural industries upon graduation.

Required Program of Study for Associate of Applied Science Degree (2 years)

FIRST YEAR

Fall Semester	
Course	Credits
AGRI 1105 Issues in Agriculture I	1
AGRI 1030 Soil Science	3
HORT 1040 Intro to Soil Science Lab	1
AGRI 1410 Introduction to the Economics of Agriculture	3
ENGL 1050 Workplace Communication*	3
HORT 2080 Woody Perennial Identification	3
HORT 1010 Horticulture Science	4
	18

Spring Semester	
Course	Credits
AGRI 1500 Microcomputer Applications in Agriculture*	3
AGRI 1005 Precision Agriculture Systems	3
HORT 1070 Plant Propagation	2
HORT 1080 Plant Propagation Lab	1
HORT 1090 Integrated Pest Management	2
MATH 1020 Technical Mathematics I*	3
	14

Summer	
Course	Credits
Select one of the following options:	4-6
AGRI 1300 Cooperative Internship I,	6
AGRI 2020 Crops and Irrigation (<i>online</i>),	3
AGRI 2040 Livestock Production I	3
AGRI 1115 Issues in Agriculture II & (<i>pre-requisite to AGRI 2115 must be taken in proceeding semester</i>)	
AGRI 2115 Global Opportunities in Agricultural Leadership	4

SECOND YEAR

Fall Semester	
Course	Credits
HORT 2090 Herbaceous Perennial Identification	3
HORT 2180 Horticulture Irrigation & Equipment	3
HORT 2165 Value Added Diversified Marketing	3
BIOS 2020 Introduction to Environmental Issues	4
AGRI 1150 Introduction to Entomology	3
	16

Spring Semester	
Course	Credits
HORT 2020 Nursery Greenhouse Management	4
AGRI 1420 Interpersonal Skills*	3
AGRI 2890 Agriculture Capstone Experience	1
AGRI 1310 Agricultural Marketing System	3
HORT 2160 Vegetable Gardening and Farm Production	3
Program Elective(s)**	1-4
	15-17

Total Credit Hours 69-72

*Course fulfills a general education requirement for Northeast Community College. See general education requirements.

**See advisor for assistance choosing elective(s).

***Work with your advisor to choose the internship option that best fits your goals.