

AGRICULTURE BUSINESS

BACHELOR OF SCIENCE IN AGRICULTURE BUSINESS - HORTICULTURE

If you enjoy working outdoors and watching a plant grow from seed to a finished product for people to enjoy, the Horticulture option of the Agricultural Business degree may be for you. With a specialization to ensure you can explore your area of interest while developing your financial and managerial acumen in your agriculture business courses, students are prepared to work in, manage, and/or own a horticulture enterprise. Exciting jobs in greenhouse/nursery management, seed and chemical sales, cooperative extension, crop consultation, landscape maintenance and many others await graduates of this program. ATU's Outdoor Learning Lab, including greenhouses and shade houses, allows students the opportunity to grow, work and manage a plant production operation; the resulting real-world sales of student-grown plants to campus and the River Valley community brings horticulture and business concepts to life. Dedicated, full-time faculty members share their knowledge, experiences and industry connections towards your preparation horticulture and allied industry careers or graduate school.

Curriculum

The matrix below is a sample plan for all coursework required for this program.

Freshman

Fall	Credits
ENGL 1013 Composition I ¹	3
USHG 1XXX U.S. History and Government ¹	3
BIOL 1014 Introduction to Biological Science or BIOL 2134 Principles of Botany	4
AGAS 1014 Principles of Animal Science	4
AGBU 1001 Agriculture Orientation	1
Total Hours	15

Spring	Credits
ENGL 1023 Composition II ¹	3
COMS 1003 Introduction to Computer Based Systems	3
MATH 1003 College Mathematics or higher ¹	3
AGBU 1013 Principles of Agricultural Business	3
AGPS 1024 Principles of Plant Science	4
Total Hours	16

Sophomore

Fall	Credits
ACCT 2033 Fundamental Accounting Concepts	3
BLAW 2033 Legal Environment of Business or AGBU 3033 Legal Environment of Agriculture Business	3
CHEM 1113 A Survey of Chemistry and CHEM 1111 Survey of Chemistry Laboratory	4
COMM 2173 Business and Professional Speaking	3
AGBU 2063 Principles of Agricultural Macroeconomics	3

Fall	Credits
Total Hours	16

Spring	Credits
FAH 1XXX Fine Arts and Humanities Courses ¹	3
ENGL 2053 Technical Writing	3
STAT 2163 Introduction to Statistical Methods	3
AGBU 2073 Principles of Agricultural Microeconomics	3
AGSS 2014 Soils	4
Total Hours	16

Junior

Fall	Credits
FAH 1XXX Fine Arts and Humanities Courses ¹	3
AGBU 3213 Career Development in Agriculture	3
AGPS 3044 Plant Propagation	4
AGPS 3244 Plant Pathology	4
Elective	2
Total Hours	16

Spring	Credits
AGPS 3064 Vegetable Growing	4
AGPS 3093 Greenhouse Operation and Management	3
Agriculture Elective ²	4
Elective	2
Total Hours	13

Senior

Fall	Credits
AGBU 4003 Agri-Business Management	3
AGBU 4013 Agricultural Marketing	3
AGPS 3074 Floriculture	4
Agriculture Elective ²	3
Total Hours	13

Spring	Credits
AGBU 4023 Agricultural Finance	3
AGBU 4033 Agricultural Policy	3
AGBU 4973 Senior Seminar in Agriculture Business	3
AGPS 3083 Small Fruit and Nut Culture	3
AGPS 4103 Crop and Garden Insects	3
Total Hours	15

¹See appropriate alternatives or substitutions in "[General Education Requirements](#)".

²At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.