

AGRIBUSINESS: HORTICULTURE & CANNABIS OPTION

Bachelor of Science (BS)

This is a guide based on the 2024-2025 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

90-92 Hours – No minor required

Required Courses:

- ___ AG111 Agribusiness Orientation (1)
- ___ AG140 Communicating in Agriculture (3)
- ___ AG208 Agriculture Bus Data Analysis (3)
- ___ AG245 Agricultural Economics (3)
- ___ AG250 Agribusiness Management (3)
- ___ AG334 Agribusiness Finance (3)
- ___ AG340 Agriculture Safety (3)
- ___ AG355 Agriculture Seminar (2)
- ___ AG447 Marketing Agricultural Products (3)
- ___ AG470 Agribusiness Sales (3)
- ___ AO120 Plant Science (3)
- ___ AO125 Plant Science Lab (1)
- ___ AY101 Animal Science (3)
- ___ HO110 Introduction to Horticulture (3)

Choose 3 hours:

- ___ AG381 Agribusiness Management II (3)
- ___ AC221 Principles of Accounting I (3)

Choose 3 hours:

- ___ AG465 Agriculture Internship (3-6)
- ___ AG469 Undergraduate Research (3)

Additional Requirements (7 hours):

- ___ CH181/184 Basic Principles of Chemistry and Lab (4)
OR
- ___ CH184/185 General Chemistry I and Lab (4)*
- ___ MA116 Precalculus A (3)
OR
- ___ MA155 Statistical Reasoning (3)

*Required for Cannabis focus

Horticulture & Cannabis Option

- ___ AO215 Soils (3)
- ___ HO232 Production & Use of Hemp (3)

Horticulture focus:

- ___ HO215 Practical Horticulture Experiences (1)
- ___ HO225 Identification and Use of Deciduous Plants (2)
- ___ HO235 Identification and Use of Evergreen Plants (2)
- ___ HO245 Identification and Use of Intiorscape and Tropical Plants (2)
- ___ HO255 Identification and Use of Annual and Perennial Plants (2)

Choose 26 Hours From:

- ___ AG551 Water Management (3)
- ___ AO322 Weed Science (3)
- ___ AO323 Plant Pathology (3)
- ___ HO321 Advanced Plant Propagation (3)
- ___ HO330 Strategic Landscape Design (3)
- ___ HO342 Production of Horticultural Crops (3)
- ___ HO350 Advanced Greenhouse Management (4)
- ___ HO355 Interior Landscaping (3)
- ___ HO430 Advanced Turfgrass Management (3)
- ___ HO431 Landscape Installation and Maintenance (3)
- ___ HO445 Composting and Utilization in Horticultural Systems (3)
- ___ HO450 Vineyard Operations (3)
- ___ HO464 Hydroponics and Horticulture Technologies (3)
- ___ HO470 Regenerative Urban Agriculture (3)

Cannabis focus:

- ___ CH186/187 General Chemistry II and Lab (4)
- ___ CH341/342 Foundations of Organic Chemistry and Lab (5)
- ___ CH343/344 Advanced Organic Chemistry and Lab (5)

Choose 20 hours from:

- ___ AG551 Water Management (3)
- ___ AO322 Weed Science (3)
- ___ AO323 Plant Pathology (3)
- ___ AO415 Crop Systems Management (3)
- ___ AO444 Principles of Plant Breeding (3)
- ___ HO321 Advanced Plant Propagation (3)
- ___ HO350 Advanced Greenhouse Management (4)
- ___ HO464 Hydroponics and Horticulture Technologies (3)
- ___ HO470 Regenerative Urban Agriculture (3)

SAMPLE FOUR-YEAR PLAN

| | Fall Semester | | Spring Semester | |
|-----------------------|------------------------|--------------|------------------------|--------------|
| | Course # | Hrs | Course # | Hrs |
| FIRST YEAR | UI100 | 1 | AG111 | 1 |
| | EN100 | 3 | AG208 | 3 |
| | AO120/125 | 4 | AG245 | 3 |
| | AY101 | 3 | MA116 or MA155 | 3 |
| | HO110 | 3 | General Education | 3 |
| | Hort/Cannabis Focus | 0-1 | General Education | 3 |
| Total | | 14-15 | Total | 16 |
| SECOND YEAR | Chemistry requirement | 4 | AG140 | 3 |
| | HO232 | 3 | AG250 | 3 |
| | Hort or Cannabis Focus | 3-4 | AO215 | 3 |
| | General Education | 3 | Hort or Cannabis Focus | 3-4 |
| | | | General Education | 3 |
| Total | | 13-14 | Total | 15-16 |
| THIRD YEAR | AC221 or AG381 | 3 | AG334 | 3 |
| | AG340 | 3 | AG355 | 2 |
| | Hort or Cannabis Focus | 3 | Hort or Cannabis Focus | 3-5 |
| | Hort or Cannabis Focus | 3-5 | Hort or Cannabis Focus | 3 |
| | General Education | 3 | Elective | 3 |
| | Total | | 15-17 | Total |
| FOURTH YEAR | AG447 | 3 | AG470 | 3 |
| | Hort or Cannabis Focus | 3 | Hort or Cannabis Focus | 3 |
| | Hort or Cannabis Focus | 3 | Hort or Cannabis Focus | 3 |
| | Hort or Cannabis Focus | 3 | General Education | 3 |
| | General Education | 3 | Elective | 3 |
| | Total | | 15 | Total |
| SUMMER SESSION | | | AG465 or AG469 | 3 |

General Education Requirements – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

Degree requirements for all students: a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.

A minimum 2.0 GPA in the major and overall are required to graduate with a BS degree.



Revised
5/9/2024

2024-2025 degree map

