



## Agricultural Science (BS), Science Track

The following plan is possible on the presumption that an incoming student has an Associate of Arts (AA) degree and has completed the equivalent to **MATH 186** (pre-Calculus) and **STAT 190** (Basic Statistics) prior to enrolling at Truman State University.

### FALL - Semester 1

- AGSC 101: New Majors Seminar (1 cr)
- AGSC 215: Principles of Animal Agriculture (4 cr)
- AGSC 314: Principles of Soil Science (4 cr)
- BIOL 107: Cells, Molecules, and Genes (4 cr)
- Learning Plan Agricultural Elective course (3 cr)

### FALL - Semester 3

- AGSC 420: Seminar in Agriculture (1 cr)
- AGSC 490: Agriculture Practicum Planning (2 cr)
- CHEM 131: Chemical Principles II (4 cr)
- Learning Plan Agricultural Elective course (3 cr)
- JINS 3XX: WE/Junior Interdisciplinary Seminar (3 cr)
- Elementary Foreign Language II (or as placed) (3 cr)

### FALL - Semester 5

- AGSC 415: WE/Ethical Issues in Sustainable Agriculture (3 cr)
- Learning Plan Agricultural Elective course (3 cr)
- Learning Plan Elective courses(s) (6 cr)

### SPRING - Semester 2

- AGSC 110: Principles of Plant Agriculture (4 cr)
- AGSC 260: Agricultural Markets and Products (3 cr)
- CHEM 130: Chemical Principles I (4 cr)
- AGSC 121: Livestock Management Techniques (2 cr) (*Learning Plan Elective course*)
- Elementary Foreign Language I (or as placed) (3 cr)

### SPRING - Semester 4

- Learning Plan Agricultural Elective course (3 cr)
- Learning Plan Elective course(s) (9 cr)
- CHEM 329: Organic Chemistry I (3 cr) **OR** CHEM 320: Foundations of Organic Chemistry (4 cr)

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### NOTES:

- **AGSC Learning Plan Elective** course selections are made in consultation with advisors. The Learning Plan includes 30 credit hours and at least 15 of these credit hours must have the **AGSC prefix** and are noted in the 4-year plan as "**Learning Plan Agriculture Electives.**" Course options include AGSC 180: Introduction to Equine Science, AGSC 181: Introduction to Equine Management Lab, AGSC 352 Reproduction Physiology, AGSC 322 Animal Health, AGSC 320: Anatomy and Physiology of Domestic Animals, AGSC 321: Animal Nutrition, AGSC 410: Soil Conservation and Management, and AGSC 414: Agricultural Policy, and many others.
- The additional **Learning Plan Course Electives** can come from either AGSC or other disciplines that relate to and support the student's area of interest. Students pursuing the Science Track (especially those seeking to complete the prerequisites to apply to a College of Veterinary Medicine) often select additional courses in BIOL and CHEM as well as PHYS for their Learning Plan.
- WE = Writing Enhanced course
- If you have not completed the Civics Exam, we recommend doing so in your **first year**.
- Truman students are required to complete a [Portfolio](#) to graduate. We recommend starting to compile your work for the Portfolio sooner than later.
- Students must complete their Application to Graduate **the semester prior to graduating**. Apply to graduate through TruView.
- Graduating seniors need to complete their seniors test and questionnaire. We recommend

reviewing the [Assessment & Testing page](#) to plan accordingly.

- **The Dialogues curriculum** requires a certain number of courses/credit hours in the following Perspectives: Social, Arts and Humanities, STEM, Communications, and Statistics. The exact number of courses a student will be required to take during their undergraduate career varies individually according to the credit transferred in.

**Department Chair:** Please contact the Center for Academic Excellence ([advise@truman.edu](mailto:advise@truman.edu)) with any updates to the plan above. Updated 3-16-2026