Sample Four Year Plan

Agricultural Science (BS), Science Track

Semester 1
- TRU 120: First-Year Seminar (3 cr)
- AGSC 101: New Majors Seminar (1 cr)
- BIOL 107: Introductory Biology I (4 cr)
- Math Course (as placed) (3-5 cr)
- Dialogues Curriculum course (3 cr)

Semester 2
- AGSC 110: Principles of Plant Agriculture (4 cr)
- Math Course (as placed) (3-5 cr)
- Dialogues Curriculum course (3 cr)
- Dialogues Curriculum course (3 cr)

Semester 3
- AGSC 215: Principles of Animal Agriculture (4 cr)
- CHEM 130: Chemical Principles I (4 cr)
- STAT 190: Basic Statistics **OR** other Dialogues Curriculum course (3 cr)
- Dialogues Curriculum course (3 cr)

Semester 4
- AGSC 260: Agricultural Markets and Products (3 cr)
- CHEM 131: Chemical Principles II (4 cr)
- Learning Plan Agriculture Elective (3 cr)
- Learning Plan Elective (3 cr)
- Dialogues Curriculum course (3 cr)

Semester 5
- AGSC 420: Seminar in Agriculture (1 cr)
- AGSC 314: Principles of Soil Science (4 cr)
- CHEM 329: Organic Chemistry I (3 cr) *
- Learning Plan Agriculture Elective (3 cr)
- JINS 3XX: WE/Junior Interdisciplinary Seminar (3 cr)

(*) = Could complete in Spring - Semester 6.

Semester 6
- CHEM 329: Organic Chemistry I (3 cr), **OR** CHEM 320: Foundations of Organic Chemistry (4 cr) **
- Learning Plan Agriculture Elective (3 cr)
- Learning Plan Elective (3 cr)
- Learning Plan Elective (3 cr)
- Dialogues Curriculum course (3 cr)

(**) = Could complete in Fall - Semester 5. CHEM 320 offered during even Spring semesters.

Semester 7
- AGSC 415: Ethical Issues in Sustainable Agriculture (3 cr)
- AGSC 490: Agriculture Practicum I (2 cr)
- Learning Plan Agriculture Elective (3 cr)
- Learning Plan Elective (3 cr)
- Dialogues Curriculum course (3 cr)

Semester 8
- AGSC 491: Agriculture Practicum II (2 cr)
- Learning Plan Agriculture Elective (3 cr)
- Learning Plan Elective (3 cr)
- Dialogues Curriculum course (3 cr)

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) with any updates to the plan above. Updated 3-16-2026