

Agricultural Science (BS), Pre-Education Track

Semester 1

- TRU 120: First-Year Seminar (3 cr)
- AGSC 101: New Majors Seminar (1 cr)
- ED 100: Introduction to Education (1 cr)
- Math Course (as placed) (3-5 cr)
- Dialogues Curriculum course (3-6 cr)

Semester 3

- AGSC 215: Principles of Animal Agriculture (4 cr)
- CHEM 100: Chemistry for Contemporary Living, **OR** CHEM 130: Chemical Principles I (4 cr)
- STAT 190: Basic Statistics, **OR** Dialogues Curriculum course (3 cr)
- ED 388: Exploratory Field Experiences (1 cr) (*Learning Plan Elective*)
- ED 389: WE/Foundations of Education (3 cr) (*Learning Plan Elective*)

Semester 5

- AGSC 420: Seminar in Agriculture (1 cr)
- AGSC 314: Principles of Soil Science (4 cr)
- NASC 331: Science for Elementary Teachers (4 cr) (*B.S. Requirement Support course*)
- JINS 3XX: WE/Junior Interdisciplinary Seminar (3 cr)
- Learning Plan Agriculture Elective (3 cr)

Semester 7

- AGSC 415: Ethical Issues in Sustainable Agriculture (3 cr)
- AGSC 490: Agriculture Practicum (2 cr)
- ENG 415: Literature for Children (4 cr) (*Learning Plan Course Elective*)
- Learning Plan Agriculture Elective (3 cr)
- Dialogues Curriculum course (3 cr)

Semester 2

- AGSC 110: Principles of Plant Agriculture (3 cr)
- HLTH 198: Personal Health and Fitness (2 cr) **AND** HLTH 198L: Personal Fitness Lab (1 cr)
- Math Course (as placed) (3-5 cr)
- BIOL 100: Biology, **OR** BIOL 107: Cells, Molecules, and Genes (4 cr)
- Dialogues Curriculum course (3 cr)

Semester 4

- AGSC 260: Agricultural Markets and Products (3 cr)
- ES 235: Fundamentals of Movement & Tumbling (3 cr) (*Learning Plan Course Elective*)
- Learning Plan Agriculture Elective (3 cr)
- Dialogues Curriculum course (3-6 cr)

Semester 6

- MATH 240: Concrete Behavioral Foundations of Mathematics (3 cr) (*B.S. Requirement Support course*)
- ED 393: Clinical Experiences in Teaching (3 cr) (*Learning Plan Course Elective*)
- ED 394: Experiences in Classroom Teaching (1 cr) (*Learning Plan Course Elective*)
- Learning Plan Agriculture Elective (3 cr)
- Dialogues Curriculum course (3-6 cr)

Semester 8

- AGSC 491: Agriculture Practicum II (2 cr)
- ED 593: Psychological Foundations of Education (3 cr) (*Learning Plan Course Elective*)
- ED 608G: Management of Instruction: Elementary Education (4 cr) (*Learning Plan Course Elective*) *
- Learning Plan Agriculture Elective (3 cr)
- Dialogues Curriculum course (3 cr)

NOTES:

- **Pre-Education Track B.S. requirements** include MATH 240 and NASC 331.
- **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**”. Students pursuing the Pre-Education Track may want to select a diverse set of Learning Plan Agriculture Electives, spanning Ag Business, Animal Science, and Plant Science. Example courses include AGSC 218: Horticulture, AGSC 332: Vegetable Production, AGSC 342: Ag Entrepreneurship (offered Spring, Odd Years), AGSC 340: Futures and Options Markets (Fall, Odd Years), AGSC 414: Agricultural Policy (Spring, Even Years), AGSC 180: Introduction to Equine Science, AGSC 350: Equine Business, AGSC 321: Animal Nutrition, AGSC 334:

- Companion Animal Management, AGSC 410: Soil Conservation and Management, and 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 Pre-Education Track should include the courses recommended for the Pre-MAE, Elementary Education option as Learning Plan Courses.
 - (*) = ED 609G is a graduate course but can also count for undergraduate credit as long as the student completes the "Application to take graduate courses as a senior" Form, found [here \(link\)](#).
 - 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 3-13-2026