

## Agricultural Science (BS, Pre-Education)

### FALL - Semester 1

TRU 110: Self and Society  
TRU 100: Truman Symposium  
AGSC 101: New Majors Seminar  
Math (by placement)  
Dialogues (core) coursework

### FALL - Semester 3

AGSC 215: Principles of Animal Agriculture  
CHEM 100: Chemistry for Contemporary Living (or CHEM 130)  
STAT 190 or other Dialogues coursework  
ES 235: Fundamentals of Movement & Tumbling (Learning Plan Course Elective)

### FALL - Semester 5

AGSC 420: Seminar in Agriculture  
AGSC 314: Principles of Soil Science  
Learning Plan Agriculture Elective  
NASC 331: Science for Elementary Teachers (B.S. Requirement Course)

### FALL - Semester 7

AGSC 415: Ethical Issues in Sustainable Agriculture  
AGSC 490: Agriculture Practicum I  
Learning Plan Agriculture Elective  
ENG 415: Literature for Children (Learning Plan Course Elective)  
Dialogues coursework

### SPRING - Semester 2

AGSC 110: Principles of Plant Agriculture  
HLTH 195 & 196 OR HLTH 198 & 198L  
Math (by placement)  
BIOL 100: Biology (or BIOL 107)  
Dialogues coursework

### SPRING - Semester 4

AGSC 260: Agricultural Markets and Products  
Learning Plan Agriculture Elective  
ED 388: Exploratory Field Experiences (Learning Plan Course Elective)  
ED 389: WE/Foundations of Education (Learning Plan Course Elective)  
Dialogues coursework

### SPRING - Semester 6

MATH 240: Concrete Behavioral Foundations of Mathematics (B.S. Requirement Course)  
Learning Plan Agriculture Elective  
ED 393: Clinical Experiences in Teaching (Learning Plan Course Elective)  
ED 394: Experiences in Classroom Teaching (Learning Plan Course Elective)  
Dialogues coursework

### SPRING - Semester 8

AGSC 491: Agriculture Practicum II  
Learning Plan Agriculture Elective  
ED 593: Psychological Foundations of Education (Learning Plan Course Elective)  
ED 608G: Management of Instruction: Elementary Education\* (Learning Plan Course Elective)  
Dialogues coursework

**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:  
[https://docs.google.com/a/truman.edu/forms/d/e/1FAIpQLSev4d-1jVX62KUro394dp2WXgbMGxz2cDrZc\\_HSgBuE6FEICw/viewform?c=0&w=1](https://docs.google.com/a/truman.edu/forms/d/e/1FAIpQLSev4d-1jVX62KUro394dp2WXgbMGxz2cDrZc_HSgBuE6FEICw/viewform?c=0&w=1)

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](#) with any updates to the plan above.